

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE ## G-14439

ROUTED TO: WATER RIGHTS

TOWNSHIP/

RANGE-SECTION: 36S/14W-16

CONDITIONS ATTACHED? yes no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: D. Woodcock

TO: Water Rights Section 2-6, 1997
FROM: Groundwater/Hydrology Section Doug Woodcock
SUBJECT: Application G- 14439 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 ROGUE R.; 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) 7.13;
 - 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)

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files Date 1-30-97

FROM: D Woodcock

SUBJECT: Groundwater Application G- 14439 Phone: _____

Name: HEAD

Applicant(s) seek 44.9 gpm (_____ cfs) from 4 well(s) in the ROGUE basin

Proposed use: Group Dom. _____ sub basin _____ sub basin

Pertinent 7 1/2 - minute quads GOLD BEACH SIGNAL BUTTES

Well A WRD# CURR 257 T 36 S R 14 W S 16 QQ SE SW County CLATSOP

Legal Description 140' N & 465' W OF S 1/4 COR SEC 16

Well is 1100 ft from EAST CHANNEL OF ROGUE R. (river/stream)

Well is _____ ft from _____ (river/stream)

Well elevation ~ 60 ft. River/stream elevation 5'? ft.

Well elevation - river/stream elevation ~ 55

Well depth 65 SWL 45 on 3-20-56

Sealed to _____ Depth first water found 52

Cased to 52 Perforations/screens 0-16'

Lined to _____ Perforations/screens _____

Well tests and types 10 gpm BAIL TEST w/ NO DD

Confined or unconfined? UNCONFINED Hydraulically connected? YES

Potential to cause substantial interference? YES

Well B WRD# CURR 237 T 36 S R 14 W S 16 QQ SE SW County _____

Legal Description 410' N & 345' W OF S 1/4 COR SEC 16

Well is 1200 ft from EAST CHANNEL ROGUE R. (river/stream)

Well is _____ ft from _____ (river/stream)

Well elevation _____ ft. River/stream elevation _____ ft.

Well elevation - river/stream elevation _____

Well depth 68 SWL 52 on 11-12-59

Sealed to _____ Depth first water found 52

Cased to 68 Perforations/screens 51-68

Lined to _____ Perforations/screens _____

Well tests and types 18 gpm BAILER TEST 3ft DD @ 1/2 HOUR

Confined or unconfined? UNCONFINED Hydraulically connected? YES

Potential to cause substantial interference? YES

Conditioned water rights in area: SEE ATTACHED

Other nearby water rights of record: _____

Density of nearby wells of record: _____

Comments: EXISTING WELLS ARE OLD (36-62) AND WERE CONSTRUCTED PRIOR TO THE REQUIRED USE OF SURFACE SEALS. EXAMINING WELL LOGS IN THE AREA INDICATES BEDROCK IS ENCOUNTERED @ 60 TO 70 FT. APPLICANT'S PRODUCTION WELLS ARE DEVELOPED RIVER GRAVELS. GROUND WATER APPEARS TO BE UNCONFINED IN THE GRAVELS. POTENTIAL FOR SUBSTANTIAL INTERFERENCE EXISTS PER 690-09.

References used: _____

WATER RESOURCES DEPARTMENT MEMORANDUM

TO: Groundwater/Hydrology Files Date _____

FROM: _____

SUBJECT: Groundwater Application G- _____ Phone: _____

Name: _____

Applicant(s) seek _____ gpm (_____ cfs) from _____ well(s) in the basin

Proposed use: _____ sub basin
_____ sub basin

Pertinent 7 1/2 - minute quads _____

Well C WRD# Curry 241 T 36 S R 14 W S 16 QQ SWSE County _____

Legal Description 395' N + 80' E OF S 1/4 COR SEC 16

Well is 1500 ft from EAST CHANNEL ROGUE R. (river/stream)

Well is _____ ft from _____ (river/stream)

Well elevation _____ ft. River/stream elevation _____ ft.

Well elevation - river/stream elevation _____

Well depth 69 SWL 56 on 7-27-62

Sealed to _____ Depth first water found _____

Cased to 67 Perforations/screens _____

Lined to _____ Perforations/screens _____

Well tests and types _____

Confined or unconfined? LIKELY UNCONFINED Hydraulically connected? _____

Potential to cause substantial interference? _____

Well D WRD# Curry 238 T 36 S R 14 W S 16 QQ SWSE County _____

Legal Description 490' N + 100' E OF S 1/4 COR SEC 16

Well is 1600 ft from E. CHANNEL ROGUE R. (river/stream)

Well is _____ ft from _____ (river/stream)

Well elevation _____ ft. River/stream elevation _____ ft.

Well elevation - river/stream elevation _____

Well depth 70 SWL 56.5 on 6-25-59

Sealed to _____ Depth first water found 57

Cased to 70 Perforations/screens SB-70

Lined to _____ Perforations/screens _____

Well tests and types 18 gpm BRUER TEST w/ 1" @ 1.0 HR

Confined or unconfined? UNCONFINED Hydraulically connected? _____

Potential to cause substantial interference? _____

Conditioned water rights in area: _____

Other nearby water rights of record: _____

Density of nearby wells of record: _____

Comments: _____

References used: _____

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)

CURR
 50048

365/14W/14C B

(START CARD) # 85278

Instructions for completing this report are on the last page of this form.

(1) OWNER: Well Number _____
 Name Gerri & Ralph Ohman
 Address 934 S. E. Kane
 City Roseburg State Oregon Zip 97470

(2) TYPE OF WORK
 New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:
 Rotary Air Rotary Mud Cable Auger
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 80 ft.
 Explosives used Yes No Type _____ Amount _____

HOLE		SEAL					
Diameter	From	To	Material	From	To	Sacks or pounds	
10"	0	20	Bentonite	0	25	8	
6"	20	80					

How was seal placed: Method A B C D E
 Other Poured dry
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+1	56	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Casing	Liner
36'	56'	6"	2Row	1/8"	Tele/pipe size	<input checked="" type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Flowing Time
20		80	1 hr.

Temperature of water 50 Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(9) LOCATION OF WELL by legal description:
 County Curry Latitude _____ Longitude _____
 Township 36S N or S Range 14W E or W. WM.
 Section 16 NWB 1/4 C SW 1/4
 Tax Lot 300 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) 95584 N. Bk. Rogue
Gold Beach, Oregon

(10) STATIC WATER LEVEL:
29 ft. below land surface. Date 6/22/96
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 65'

From	To	Estimated Flow Rate	SWL
65'	66'	20	29'

(12) WELL LOG:
 Ground Elevation _____

Material	From	To	SWL
Brown Sandy Soil & Clay	0	35	
Sand & Gravel	35	62	
Marine Basalt	62	80	29'

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SEP 10 1996

WATER RESOURCES DEPT.
 SALEM, OREGON

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JUN 25 1996

WATER RESOURCES DEPT.
 SALEM, OREGON

Date started 6/22/96 Completed 6/22/96

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.

Signed _____ WWC Number _____
 Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.

Signed _____ WWC Number 709
 Date 6/24/96

STATE OF OREGON
WATER WELL REPORT
 (as required by ORS 537.765)

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089*

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JUL - 3 1989

(START CARD) # 9532

365/14W/16

(1) OWNER: _____ Well Number: _____
 Name Head Acres mobile Home states % Rob Head
 Address 31084 CrabApple way
 City Gold Beach State Or Zip 97444

WATER RESOURCES DEPARTMENT
 WATER WELL by legal description:
 COUNTY CLATSOP Latitude _____ Longitude _____
 Township 36N N or S, Range 14 E or W, WM. _____
 Section 16 1/4 _____ 1/4 _____
 Tax Lot 504 Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) same

(2) TYPE OF WORK:
 New Well Deepen Recondition Abandon

(3) DRILL METHOD
 Rotary Air Rotary Mud Cable
 Other _____

(4) PROPOSED USE:
 Domestic Community Industrial Irrigation
 Thermal Injection Other _____

(5) BORE HOLE CONSTRUCTION:
 Special Construction approval Yes No Depth of Completed Well 89 ft.
 Explosives used Type _____ Amount _____

HOLE			SEAL			Amount sacks or pounds
Diameter	From	To	Material	From	To	
<u>6</u>	<u>67</u>	<u>89</u>				

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from _____ ft. to _____ ft. Material _____
 Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	<u>4 1/2</u>	<u>49</u>	<u>89</u>	<u>50R26</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
 Perforations Method saw
 Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>65</u>	<u>89</u>	<u>1/4 X 5/8</u>	<u>56</u>	<u>4 1/2</u>		<input type="checkbox"/>	<input checked="" type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian
 Yield gal/min 20 Drawdown _____ Drill stem at 89 Time 1 hr.

Temperature of water _____ Depth Artesian Flow Found _____
 Was a water analysis done? Yes By whom _____
 Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other _____
 Depth of strata: _____

(10) STATIC WATER LEVEL:
52 ft. below land surface. Date 5-31-89
 Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
 Depth at which water was first found 67

From	To	Estimated Flow Rate	SWL
<u>67</u>	<u>86</u>	<u>20 gpm</u>	<u>52</u>

(12) WELL LOG: Ground elevation _____

Material	From	To	SWL
<u>gravel</u>	<u>67</u>	<u>86</u>	<u>52</u>
<u>Blue marine Rock</u>	<u>86</u>	<u>89</u>	

Date started 5-31-89 Completed 5-31-89

(unbonded) Water Well Constructor Certification:
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.
 WWC Number _____
 Signed _____ Date _____

(bonded) Water Well Constructor Certification:
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. all work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.
 WWC Number 1381
 Signed Ken Baranoff Date 6-13-89

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JAN 15 1997

WATER RESOURCES DEPT.
SALEM, OREGON

ATTACHMENT

Robert C. & Cecilia F. Head

Head Acres Mobile Estate

1. Distance from development to stream (main channel of the Rogue River):

P.O.D. A 2450'
P.O.D. B 2550'
P.O.D. C 2930'
P.O.D. D 2950'

Difference in elevation between streambed and development is 35 feet.

2. Well A:	9.0 GPM	0.020 CFS
Well B:	11.2 GPM	0.025 CFS
Well C:	11.2 GPM	0.025 CFS
Well D:	13.5 GPM	0.030 CFS
TOTAL	44.9 GPM	0.100 CFS

4. Delivery System:

The delivery system consists of four wells. Each well has its own manifold system and a storage capacity of up to 500 gallons. The amount of pipe connecting the wells to the places of use is 2400 feet of 1 1/4 inch diameter plastic pipe and 1000 feet of 3/4 inch diameter plastic pipe.

5. Project Schedule:

P.O.D. A	Existing	3/20/56
P.O.D. B	Existing	11/19/59
P.O.D. C	Existing	7/28/62
P.O.D. D	Existing	6/26/59

Remarks:

P.O.D. A well log shows well to be located in the Northeast part of Section 21, Township 36 South, Range 14 West, W.M. Whereas P.O.D. A is actually located in the Southeast of the Southwest quarter of Section 16, Township 36 South, Range 14 West, W.M. Approximately 467 feet West and 143 feet North of the South 1/4 corner.

Application No. G-14439
Permit No.