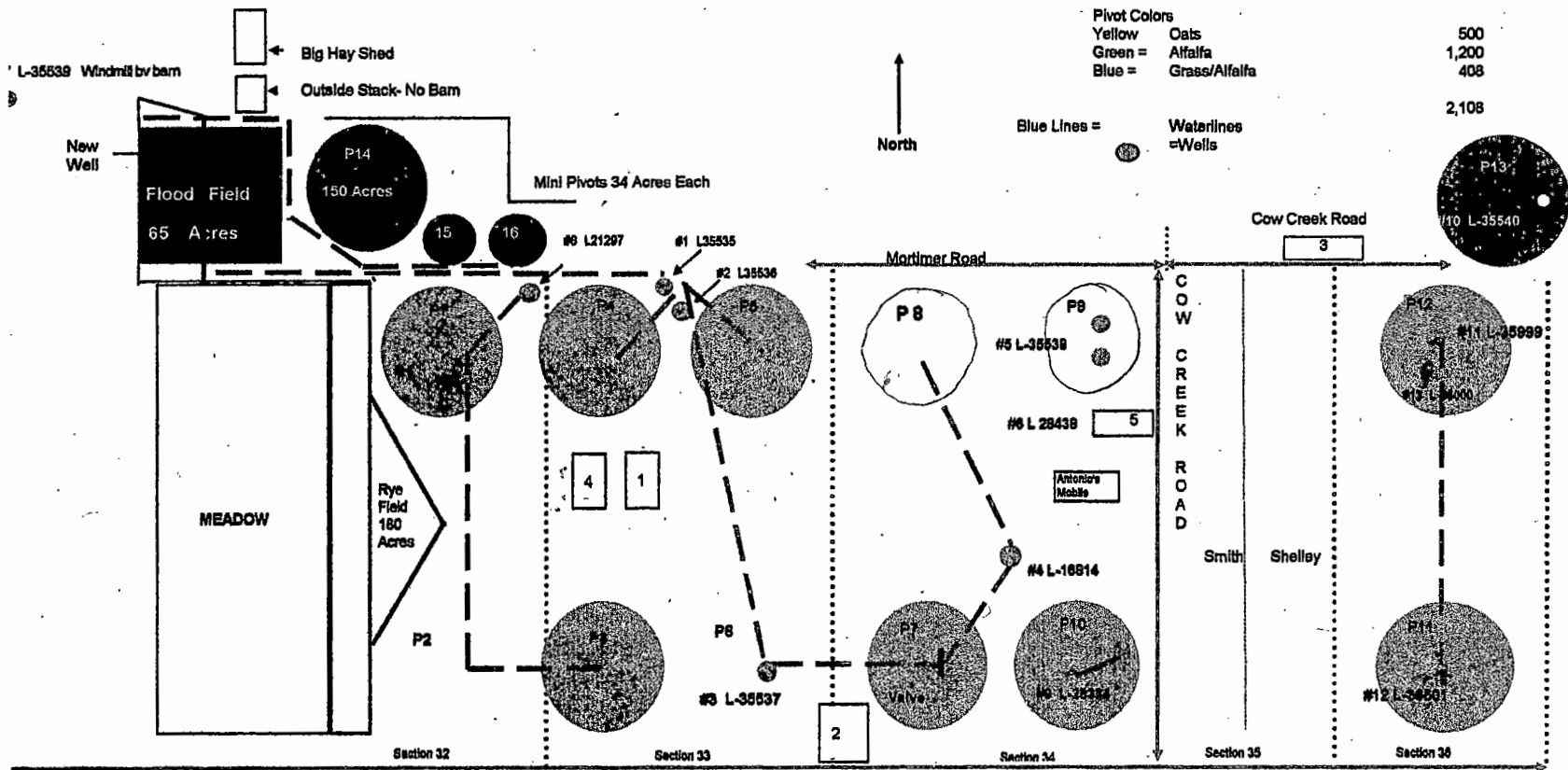
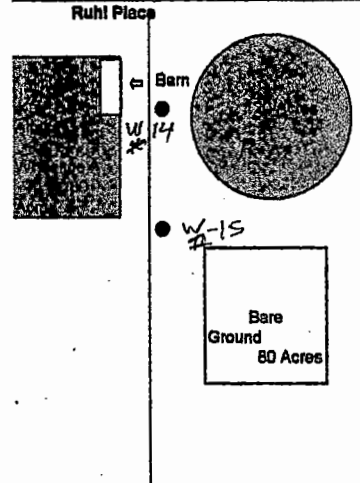


2005



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All pivots are 125 acres, except # 14 which is 160 acres.

PIVOT #	MAKE	MODEL	TYPE	SERIAL #	WELL #	PUMP MAKE	HP	SERIAL #	TURBINE
<b>Home</b>									
1	Valley	8000		2485898	8	U.S.	150	8910010	Yes
2	Valley	8000		2485898	"				
3	Valley	8000		2488098	"				
4	Valley	8000		80517	1	U.S.	125	9R024R-3	Yes
5	Valley	8000		80518	"				
6	Zimatic	310	10	1990	3	U.S.	100	R2024071	Yes
7	Valley	8000		2605287	4		125	9983A-B024271M	Yes
8	Valley	8000		2605387	"				
9	Pringle	891503		891503	5	U.S.	75	R-8327-02078R2107557S	No
10	Valley	8000		2488188	9	G.E.	75	ZMD7912011	Yes
14	Valley	8000		10023941	2	G.E.	50	MMJ831334	Yes
<b>Spare</b>									
					6		25	Submersible-SN# unknown	No
<b>Cow Creek</b>									
11	Valley	8000		80030	11	U.S.	40	FNJ608312	Yes
12	Valley	8000		80028	12	U.S.	40	R2112490D	Yes
					13		25	Submersible-SN# unknown	No
13	Valley	8000		2605497	10	U.S.	75	8321A-805-8888M	Yes

Andy Root

user ID# 28096

P.O. 946

72163 RATTLE Snake Creek

Burns, OR 97720

Wells #1 L-35535 POD I.D. = 47870, #2 L-35536 POD I.D. = 47871, #3 L-35532 POD I.D. = 47872

Permit G-13539 Pivots 4, 5, 6 = 375 acres

meter # 16521890 (Pumps 1 &amp; 2) = 249640 KWH

meter # 97214937 Pump 3 = 108440 KWH

Total = 358080

Combined HP = 258

x .75 basic Kwh/hp if meter is accurate

193.5

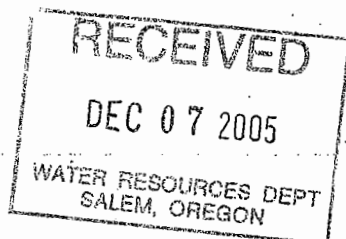
Total Kwh =  $\frac{358080}{193.5} = \frac{1850.5}{24}$  hrs = 77.1 daysWater Pumped  $\frac{2800}{450}$  GPM = 6.22 CFS = 12.44 ac ft/day12.44 ac ft/day x 77.1 days =  $\frac{959.12}{375}$  ac ft/yr = 2.56 ac ft/ac/yr

L-16814

Well #4 POD I.D. = 47873 meter # 21467136 = 133094 Kwh

Permit G-13539, 7920 Pivots 7 &amp; 8 = 250 acres

HP = 85

x .75 basic Kwh/hp.  $\frac{133094}{63.75} = \frac{2087.75}{24}$  hrs = 87 daysWater Pumped  $\frac{1650}{450}$  GPM = 3.67 CFS = 7.34 ac ft/day87 days x 7.34 ac ft/day =  $\frac{638.50}{250}$  ac ft/yr = 2.55 ac ft/ac/yr

L-35538 Well #5 POD I.D. # 47874 L-28438 Well #6 POD I.D. 47875  
 Meter (Previous 16523846) <sup>new</sup> 99180170 = 94,370 Kwh  
 Pivot # 9 = 125 acres Permit G-13539, 7920  
 HP 79.2

$$\frac{75}{59.4 \text{ Kwh}} \times \frac{94370 \text{ Kwh}}{59.4 \text{ Kwh}} = \frac{209.7 \text{ hr}}{24} = 8.74 \text{ days}$$

$$\frac{850 \text{ GPM}}{450} = 1.89 \text{ cfs} = 3.78 \text{ ac ft/day}$$

$$8.74 \text{ days} \times 3.78 \text{ ac ft/day} = \frac{33.04 \text{ ac ft}}{125} = .26 \text{ ac ft/ac/yr}$$

L-35539 Well #7 POD I.D. = 47876 Permit G-13539  
 Wasn't used in 2005

L-35535 Well #8 POD I.D. = 48472 Meter # 97131155 = 173840 Kwh

Pivots 1, 2, 3 & 14 = 575 acres Permit G-13539, 13730

108.4 HP

$$\frac{75 \text{ basic Kwh/HP}}{81.3 \text{ Kwh}} \times \frac{173840 \text{ Kwh}}{81.3 \text{ Kwh}} = \frac{2138.25}{24} = 89.1 \text{ Days}$$

$$\frac{3600 \text{ GPM}}{450} = 8 \text{ cfs} = 16 \text{ ac ft/day}$$

$$89.1 \text{ days} \times 16 \text{ ac ft/day} = \frac{1425.6 \text{ ac ft/yr}}{575 \text{ acres}} = 2.48 \text{ ac ft/ac/yr}$$

L-28334 Well #9 POD I.D. = 48473 Meter # 84213406 = 229320

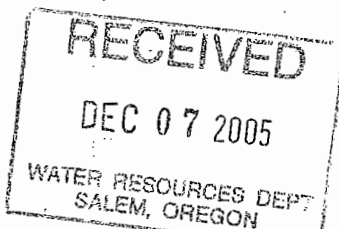
199 HP

Permit G-13730

$$\frac{75 \text{ basic Kwh/HP}}{149.3 \text{ Kwh}} \times \frac{229320 \text{ Kwh}}{149.3 \text{ Kwh}} = \frac{1535.97}{24} = 6.4 \text{ days}$$

$$\frac{900 \text{ GPM Pump}}{450 (10 \text{ cfs})} = 2 \text{ cfs} = 4 \text{ ac ft/day}$$

$$6.4 \text{ days} \times 4 \text{ ac ft/day} = \frac{255.99 \text{ ac ft/yr}}{125 \text{ acres}} = 2.05 \text{ ac ft/ac/yr}$$



L-35540

Well #10

meter # 23267949 = 100323 kWh

Permit G-14743

Pivot #13 = 113.2 acres

79.2 HP

$$\frac{.75 \text{ basic kWh/hp}}{59.4 \text{ kWh}} \times \frac{100323 \text{ kWh}}{59.4 \text{ kWh}} = \frac{1688.94}{24} = 70.4 \text{ days}$$

$$\frac{900 \text{ GPM}}{450 \text{ (1 CFS)}} = 2 \text{ CFS} = 4 \text{ ac ft/day}$$

$$70.4 \text{ days} \times 4 \text{ ac ft/day} = \frac{281.49 \text{ ac ft}}{113.2 \text{ acres}} = 2.49 \text{ ac ft/ac/yr}$$

L-36501

Well #11 POD I.D. = 61653

meter # 84183262 = 21,080 kWh

47 HP

Pivots #11 & #12 = 250 acres Permit G-12931

$$\frac{.75 \text{ basic kWh/hp}}{35.3} \times \frac{21,080}{35.3} = \frac{597.17}{24} = 24.88 \text{ days}$$

$$\frac{700 \text{ GPM}}{450 \text{ (1 CFS)}} = 1.56 \text{ CFS} = 3.12 \text{ ac ft/day}$$

$$24.88 \text{ days} \times 3.12 \text{ ac ft/day} = \frac{77.62 \text{ ac ft/yr}}{250 \text{ acres}} = 0.31 \text{ ac ft/ac/yr}$$

L-36501

Well #12

meter # 84183259 = 21,610 kWh

Permit G-7920

Pivots 11 & 12 = 250 acres Permit G-12931

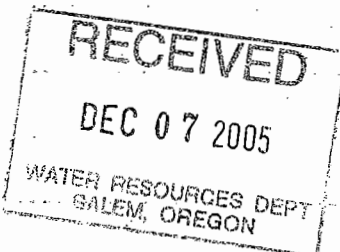
40 HP

C1654

$$\frac{.75}{30} \times \frac{21,610 \text{ kWh}}{30} = \frac{72,033 \text{ hrs}}{24} = 30 \text{ days}$$

$$\frac{400 \text{ GPM}}{450 \text{ (1 CFS)}} = .89 = 1.78 \text{ ac ft/day}$$

$$30 \text{ days} \times 1.78 \text{ ac ft/day} = \frac{53.42}{250 \text{ acres}} = 0.21 \text{ ac ft/ac/yr}$$



Well # 13 L-36000

Meter # 84183261 = 79,720 Kwh

Permit G-7920, 12931

Pivots 11 & 12 = 250 acres

47 HP

$$\frac{.75 \text{ basic kWh/hp}}{35.25} \times \frac{79720}{24} = \frac{2261.56 \text{ hrs}}{24} = 94.2 \text{ days}$$

35.25

$$\frac{800 \text{ GPM}}{450 \text{ (1 cfs)}} = 1.78 \text{ cfs} = 3.56 \text{ acft/day}$$

$$94.2 \text{ days} \times 3.56 \text{ acft/day} = \frac{335.35 \text{ acft}}{250 \text{ acres}} = 1.34 \text{ acft/ac/yr}$$

Note wells # 11, 12 & 13 Service Pivots 11 and 12

Well # 11 = .31

Well # 12 = .21

Well # 13 = 1.34

Total

1.86 acft/ac/yr

Well # 14

Meter # 04389602 = 35760 Kwh

40 HP

Wheel Lines 80 acres

$$\frac{.75 \text{ basic}}{30} \times \frac{35760 \text{ Kwh}}{24} = \frac{1192 \text{ hrs}}{24} = 49.7 \text{ days}$$

30

$$\frac{650 \text{ GPM}}{450 \text{ (1 cfs)}} = 1.44 \text{ cfs} = 2.88 \text{ acft/day}$$

$$49.7 \text{ days} \times 2.88 \text{ acft/day} = \frac{143 \text{ acft}}{80 \text{ acres}} = 1.78 \text{ acft/ac/yr}$$

Well # 15 Pivot # 17 120 acres Meter # 79160385 = 135539

$$\frac{.75 \text{ HP}}{93.75} \times \frac{135539 \text{ Kwh}}{24} = \frac{1445.8 \text{ hrs}}{24} = 60.2 \text{ days}$$

93.75

$$\frac{960 \text{ GPM}}{450} = 2.13 \text{ cfs} = 4.26 \text{ acft/day}$$

$$4.26 \text{ acft/day} \times 60.2 \text{ days} = \frac{256.5 \text{ acft}}{120 \text{ acres}} = 2.13 \text{ acft/ac/yr}$$

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Burns OR 97720

Leathers Property

Well # 1

Meter # 86195924 = 216360 Kwh

Pivots 1, 2, 3 = 412 acres

HP 200

75 basis Kwh/HP if meter is accurate.

150

$$\frac{216360 \text{ Kwh}}{150} = \frac{1442.4 \text{ hrs}}{24} = 60.1 \text{ days}$$

$$\frac{2400 \text{ GPM}}{450 \text{ CFS}} = 5.33 \text{ CFS} = 10.66 \text{ ac ft/day}$$

$$10.66 \text{ ac ft/day} \times 60.1 \text{ days} = \frac{640.67 \text{ ac ft}}{412 \text{ acres}} = 1.56 \text{ ac ft/ac/yr}$$

Well # 2

Meter # 86195925 = 227120 Kwh

200 HP

Pivot # 4 125 acres

175

$$\frac{227120 \text{ Kwh}}{150} = \frac{1514.1 \text{ hrs}}{24} = 63.1 \text{ days}$$

150

$$\frac{900 \text{ GPM}}{450 \text{ CFS}} = 2 \text{ CFS} = 4 \text{ ac ft/day}$$

$$4 \text{ ac ft/day} \times 63.1 \text{ days} = \frac{252.4 \text{ ac ft}}{125 \text{ acres}} = 2.02 \text{ ac ft/ac/yr}$$

Well # 3

Meter # 10664716 = 112880 Kwh

125 HP

Pivots 5 & 6 = 270 acres

75

$$\frac{112880 \text{ Kwh}}{93.75} = \frac{1204.1 \text{ hrs}}{24 \text{ hrs}} = 50.2 \text{ days}$$

93.75

$$\frac{1400 \text{ GPM}}{450 \text{ CFS}} = 3.11 \text{ CFS} = 6.22 \text{ ac ft/day}$$

$$50.2 \text{ days} \times 6.22 \text{ ac ft/day} = \frac{312.4 \text{ ac ft}}{270 \text{ acres}} = 1.16 \text{ ac ft/ac/yr}$$

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SALEM, OREGON

# 2003

Oregon Water Resources Department  
October 2003 through September 2004  
Annual Water Use - Monthly Quantities Form

USER-ID 28096

# 2004



Facility						NOV 17 2004
POD-ID						WATER RESOURCES DEPT SALEM, OREGON
October - 2003						
November - 2003						
December - 2003						
January - 2004						
February - 2004						
March - 2004						
April - 2004						
May - 2004						
June - 2004						
July - 2004						
August - 2004						
September - 2004						
TOTAL *						

*see attached 4 pages for year 2004*

*NOTE in the Range in description #4 and #5 error the well To us. Shelly also the belong to Ron IT is owned by Ron*

\* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: KWH-HP-acreage. If use is irrigation, total number acres irrigated 1425.0  
I certify this information is true and accurate to the best of my knowledge.

Signature

President  
Title

Reporting Entity

11/15/04  
Date

Andy Root  
Name - Please Print

Please complete and mail to: Water Resources Department; Water Use Reporting Program;  
725 Summer Street NE; Suite A, Salem, OR 97301-1271, or Fax 503-986-0902.





### OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT



Dear Water User: Water year 2004 has ended! All water use reports for October 2003 to September 2004 are requested to be submitted. During the past year we transferred our data to a new computer system, and have developed a website from which you may submit your data, if you so choose. In some cases the references numbers for points of diversion may have been changed. If this creates a problem for you, please contact me. If you would like to use the new site go to the web address listed below. You will not need to mail in this completed form. This information is important for water management in Oregon. Please, complete the form on the reverse side for the water rights listed below by December 31, 2004. If you have questions, or need more time please, contact me at 503-986-0833. Thank you for your attention to this matter. Mary Grainey

ANDY

ROOT

<http://www.wrd.state.or.us>

PO BOX 946; 72163 RATTLESN

BURNS

OR 97720

User-ID 28096

Password: 28096

*Range 32 1/2*

POD-ID	FACILITY	CERT	PERMIT	APPL	PRIORITY	USE	L/S	TWP	RANGE	SEC	Q/Q	RATE	SOURCE	TRIBUTARY TO
47870		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	33	NENW	3.8 C	C WELL 1	RATTLESNAKE CR
47871		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	33	NENW	1.1 C	C WELL 2	RATTLESNAKE CR
47872		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	33	NESE	2.8 C	C WELL 3	RATTLESNAKE CR
47873		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	34	NESW	2.8 C	C WELL 4	RATTLESNAKE CR
47874		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	34	SENE	1.6 C	C WELL 5	RATTLESNAKE CR
47875		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	34	SWNE	0.32 C	C WELL 6	RATTLESNAKE CR
47876		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	30	SWNE	0.33 C	C WELL 7	RATTLESNAKE CR
47877		0 G	13539 G	14678	2/2/1998	IC	L	22 S	33 E	32	NWNE	4 C	C WELL 8	RATTLESNAKE CR
48472		0 G	13730 G	14888	12/22/1998	IR	L	22 S	33 E	32	NENE	3 C	P WELL 8	RATTLESNAKE CR
48473		0 G	13730 G	14888	3/12/1999	IR	L	22 S	33 E	34	SWSE	0.08 C	P WELL 9	RATTLESNAKE CR
61653		67657 G	7920 G	8573	12/12/1977	IC	L	22 S	33 E	36	NENW	0.5 C	C WELL 4	E COW CR
61654		67657 G	7920 G	8573	12/12/1977	IC	L	22 S	33 E	36	NWNW	0.93 C	C WELL 5	E COW CR

Note These two well belong To Ron Stelly

USER-ID

28096

Andy Root  
P.O. Box 946  
72163 RATTLE SNAKE  
Burns, OR 97720

USER ID # 28096

Wells #1 Pod I.D. = 47870 #2 Pod I.D. = 47871 #3 Pod I.D. = 47872  
L-35535 L-35536 L-35532

Permit G-13539 Pivots 4, 5, 6 = 375 acres

meter # 16521890 (Pumps 1 & 2) = 242,600 Kwh

meter # 97214937 Pump #3 = 144,140 Kwh

TOTAL 386,740 Kwh

Combined HP = 258 HP

x .75 basic Kwh/HP if meter is accurate

193.5

TOTAL Kwh  $\frac{386,740}{193.5} = \frac{1998.7 \text{ hrs}}{24} = 83.3 \text{ days}$

Water Pumped  $\frac{2800 \text{ GPM}}{450 (1 \text{ CFS})} = 6.22 \text{ CFS} = 12.5 \text{ acft/day}$

651 + 390

$12.5 \text{ acft/day} \times 83.3 \text{ days} = \frac{1041.3 \text{ acft/yr}}{375 \text{ ac}} = 2.78 \text{ acft/ac/yr}$

Well #4 POD id = 47873 meter # 21467136 = 139,293 Kwh  
L-16814

Permit G-13539 Pivots 7 & 8 - 250 acres

HP 85

x .75 basic Kwh/HP  $\frac{139,293}{63.75} = \frac{2185 \text{ hrs}}{24} = 91.0 \text{ days}$

63.75

Water pumped  $\frac{1650 \text{ GPM}}{450 (1 \text{ CFS})} = 3.67 \text{ CFS} \times 2 = 7.34 \text{ acft/day}$

$91.0 \text{ days} \times 7.34 \text{ acft/day} = \frac{668.2 \text{ acft/yr}}{250 \text{ acres}} = 2.67 \text{ acft/ac/yr}$

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Well #5 L-35538 Pod ID 47874 Well #6 L-28438 Pod ID 47875

meter # 16523846 wasn't used in 2004

Well #7 L-35539 P.O.D. ID # 47876 wasn't used in 2004

Well #8 L-35535 -47877 Pod ID # 48472 meter # 97131155 = 163,850 Kwh

G-13539 Permit G-13730, G-14888, G-14678 Pivots 1, 2, 3 & 4 = 575 ac.

108.4 HP

$.75 \text{ basic Kwh/HP} \quad \frac{163,850 \text{ Kwh}}{81.3} = 2015.4 \text{ hr} = 84 \text{ days}$

81.3

$\frac{3600 \text{ GPM} = 8.0 \text{ CFS} = 16 \text{ ac ft/day}}{450 \text{ (1CFS)}}$

$84 \text{ days} \times 16 \text{ ac ft/day} = \frac{1344 \text{ ac ft/yr}}{575} = 2.34 \text{ ac ft/ac/yr}$

Well #9 L-28334 Pod ID 48473 meter # 84213406 = 269640 Kwh

Permit G-13730 Pivot # 10 = 125 ac

199 HP

$\frac{269,640 \text{ Kwh}}{149.3} = 1806 \text{ hr} = 75.3 \text{ days}$

149.3 Kwh

$\frac{900 \text{ GPM Pumped} = 2 \text{ CFS} = 4 \text{ ac ft/day} \times 75.3 \text{ days} = 301 \text{ ac ft/yr}}{450 \text{ (1CFS)}}$

$\frac{301 \text{ ac ft/yr}}{125 \text{ ac}} = 2.41 \text{ ac ft/ac/yr}$

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NOV 17 2004

WATER RESOURCES DEPT  
SALEM, OREGON

TO: Water Rights Section

Jan 6, 1999

FROM: Groundwater/Hydrology Section Michael Zwart

Reviewer's Name

SUBJECT: Application G-14888

**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) 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)

G-14888

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.

---

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**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.

---

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**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: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

(Signature) \_\_\_\_\_, 199\_\_.



**OREGON WATER RESOURCES DEPARTMENT  
INTEROFFICE MEMO**

To: Groundwater files Date: January 6, 1999  
From: Michael J. Zwart  
Subject: Application Review: G-14888, Andy Root

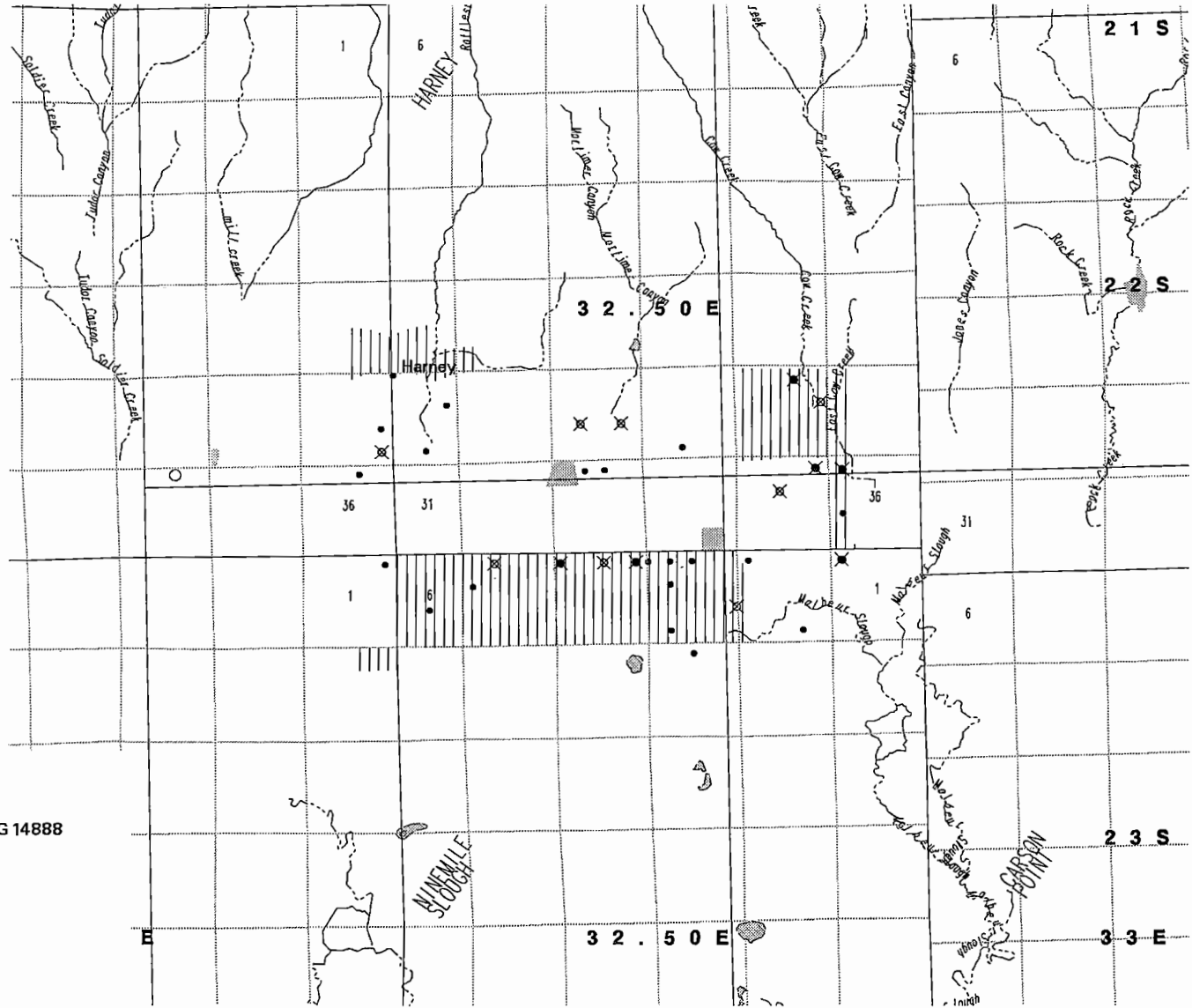
This application proposes to use about 3.08 cfs from two wells for primary irrigation of 246.4 acres. Well #8 was drilled in 1998 (HARN 50362) and its proposed construction was reviewed as part of Application G-14678, the review of which is incorporated by reference here. It is completed to a depth of 405 feet. Well #9 is proposed to be constructed similarly, possibly to a depth of 450 feet. The wells will penetrate a confined aquifer developed in either sands and gravels or pumice, claystone and conglomerate, both of which appear to be confined below thick clay beds.

The aquifer proposed to be penetrated is not in hydraulic connection with nearby surface water sources. There is no potential for substantial interference, based on the confined aquifer penetrated.

I recommend permit condition 7B. I recommended condition 7A for Application G-14678, so I do not believe it to be necessary to recommend it again here.

# Wells in the vicinity of application G 14888

- 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)
- Conditioned, permitted well(s) in this 1/4-1/4 section within 5 mi. radius of application well(s)
- ▲ OWRD Observation well and well-id within 5 mi. radius of application well(s)
- ▨ Critical GW Area
- ▤ Regulated GW Area



WELLS WITHIN 1 MILE OF G 14888

DO	18
DS	1
IR	16
LV	3



PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 14888

\$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G	10114	G 9200	22.00S32.50E26NWNW IS	0.7850	C
2	G	8434	G 7988	22.00S32.50E26SENE IS	0.5200	C
3	G	6708	G 6250	22.00S32.50E28NWSE IS	0.3100	C
4	G	8271	G 7692	22.00S32.50E28NWSW IS	0.4200	C
5	G	8272	G 7693	22.00S32.50E35NENE IR	0.1600	C
5	G	8272	G 7693	22.00S32.50E35NENE IS	0.8400	C
6	G	8573	G 7920	22.00S32.50E36NWNW IC	0.9300	C
7	G	8273	G 7694	22.00S32.50E35SENE IR	2.3400	C
7	G	12425	G 11240	22.00S32.50E35SENE IS	2.6400	C
8	G	12169	G 12490	22.00S32.00E25SESE IR	0.0600	C
8	G	12169	G 12490	22.00S32.00E25SESE IS	0.4400	C
9	G	2611	G 2451	23.00S32.50E 1NWNW IS	0.7800	C
10	G	10087	G 9199	23.00S32.50E 4NWNW IR	0.7000	C
11	G	8880	G 8430	23.00S32.50E 4NENW IR	0.5000	C
12	G	9215	G 8597	23.00S32.50E 5NENE IR	0.4800	C
13	G	8904	G 8310	23.00S32.50E 5NWNW IS	0.5200	C
14	G	8128	G 7639	23.00S32.50E 3NESE IR	0.9000	C

\*\*\*\*\*

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 14888

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	13702	G 12067	22.00S32.00E34NWNW 4IG
1	G	13702	G 12067	22.00S32.00E34NWNW 4IR

\*\*\*\*\*

APPLICATION G 14888 FALLS WITHIN THESE QUAD(S)

HARNEY

CARSON POINT

NINEMILE SLOUG

\*\*\*\*\*

**Water Right Conditions  
Tracking Slip**

*Groundwater/Hydrology Section*

FILE ## G-14888

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 22S/32½E-32,34

CONDITIONS ATTACHED? []yes []no

REMARKS OR FURTHER INSTRUCTIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reviewer: Michael Zwart

# 2002

Oregon Water Resources Department  
October 2002 through September 2003  
Annual Water Use - Monthly Quantities Form

USER ID 28096

# 2003



Facility <input type="checkbox"/>					
POD-ID <input type="checkbox"/>					
October - 2002					
November - 2002	<i>SEE ATTACHED</i>				
December - 2002					
January - 2003	<i>3 sheets</i>				
February - 2003					
March - 2003					
April - 2003					
May - 2003					
June - 2003					
July - 2003					
August - 2003					
September - 2003					
TOTAL *					

*Answer to me  
- 1/16*

RECEIVED  
JAN 12 2003  
WATER RESOURCES DEPT  
SALEM, OREGON

\* Describe the units of measure as G (gallons), KG (thousand gallons), MG (million gallons), CF (cubic feet), MCF (million cubic feet), or AF (acre-feet)

Describe method of measuring the water used: KWH - GPM . If use is irrigation, total number acres irrigated \_\_\_\_\_

I certify this information is true and accurate to the best of my knowledge.

*Andy Root*  
Signature

*owner*  
Title

*Andy Root*  
Reporting Entity

*12-29-03*  
Date

*Andy Root*  
Name (Please Print)

Please complete and mail to: Water Resources Department; Water Use Reporting Program;  
725 Summer Street NE, Suite A; Salem, OR 97301-1271



# OREGON WATER RESOURCES DEPARTMENT SUMMARY OF WATER RIGHTS FOR WATER USE REPORT



Dear Water User: Water year 2003 has ended! All water use reports for October 2002 to September 2003 are requested to be submitted. We are a little late this year due to our efforts to develop a website from which you may submit your data, if you so choose. If you would like to test the new site go to the web address listed below. You will not need to mail in this completed form. This information is important for water management in Oregon. Please, complete the form on the reverse side for the water rights listed below by March 1, 2004. If you have questions, or need more time please, contact me at 503-986-0833. Thank you for your attention to this matter.  
Mary Grainey

ANDY ROOT  
PO BOX 946; 72163 RATTLESN  
BURNS OR 97720

<http://stamp.wrd.state.or.us/apps/wr/wateruse/wateruse.php>

User-ID 28096  
Password: 28096

ID	Category	Acres	Year	IC	L	S	E	Section	Flow	Well	Location
47870	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	33 NENW	3.8 C	C WELL 1	RATTLESNAKE CR
47871	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	33 NENW	1.1 C	C WELL 2	RATTLESNAKE CR
47872	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	33 NESE	2.8 C	C WELL 3	RATTLESNAKE CR
47873	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	34 NESW	2.86 C	C WELL 4	RATTLESNAKE CR
47874	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	34 SENE	1.6 C	C WELL 5	RATTLESNAKE CR
47875	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	34 SWNE	0.32 C	C WELL 6	RATTLESNAKE CR
47876	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	30 SWNE	0.33 C	C WELL 7	RATTLESNAKE CR
47877	0 G	13539 G 14678	2/2/1998	IC	L	22 S	33 E	32 NWNE	4 C	C WELL 8	RATTLESNAKE CR
48472	0 G	13730 G 14888	12/22/1998	IR	L	22 S	33 E	32 NENE	3 C	P WELL 8	RATTLESNAKE CR
48473	0 G	13730 G 14888	3/12/1999	IR	L	22 S	33 E	34 SWSE	0.08 C	P WELL 9	RATTLESNAKE CR

*32.5 HARN 1579*

*62483 - 6 9199*

*1) 23 S 32.5 4 NENE HARN 633  
 2) 22 S 32.5 33 NWNW TL 2200 1912  
 3) SESE 50457  
 4) 34 NBSW 50241  
 5) 23 S 26 E 7 SESE HARN 241  
 6) 22 S 22.5 34 NWNE TL 2400 50422  
 7) 22 S 32.5 32 NENE 50362*

USER-ID 28096

Andy Root  
P.O. box 946  
Burns, OR 97720

Wells #1 - L-35535, #2 L-35536 & #3 L-35537

Pivots 4, 5 & 6 = 375 acres

Meter # 16521890 (1 & 2 wells) 380,640 Kwh

Meter # 97214937 (#3 well)  $\frac{121,870}{502,510}$  Kwh

Combined H.P. 258

$$\times .75 \text{ basic Kwh/hp} \frac{502,510}{193.5} = \frac{2596.95}{24} = 108.2 \text{ days}$$

$$\text{Combined GPM} = \frac{2300 \text{ GPM}}{450 \text{ (10fs)}} = 5.11 \text{ CFS} \times 2 = 10.22 \text{ ac ft/day}$$

$$10.22 \text{ ac ft/day} \times 108.2 \text{ days} = \frac{1106.04}{375} = 2.95 \text{ ac ft/ae/yr}$$

Well #4 - L16814 Meter # 76476661 / Replaced by #21467136 = 146,487 Kwh

Pivots #7 & #8 = 250 acres

85 HP

$$\times .75 \text{ basic Kwh/hp} \frac{146,487 \text{ Kwh}}{63.75 \text{ Kwh}} = \frac{2297.84}{24} = 95.7 \text{ days}$$

$$\frac{1650 \text{ GPM}}{450 \text{ (10fs)}} = 3.67 \times 2 = 7.34 \text{ ac ft/day}$$

$$7.34 \text{ ac ft/day} \times 95.7 \text{ days} = \frac{701.8 \text{ ac ft}}{250 \text{ acres}} = 2.81 \text{ ac ft/ae/yr}$$

POD-ID  
47670  
APP G14678

106 AF  
seco =  
sum 6mo

184 3/4 mo

POD-ID  
47873  
APP G14678

701.8  
6

117 AF  
mo

Well # 5-L-35538 well # 6-L-28438 Pivot # 9 125 acres  
79.2 HP Meter # 99180170 Previous # 16523846

x .75 basic Kwh/hp Kwh = 118,800

59.4 Kwh/hp  $\frac{118,800}{59.4} = \frac{2000 \text{ hrs}}{24} = 83.3 \text{ days}$

$\frac{850 \text{ GPM}}{450 \text{ (CFS)}} = 189 \text{ CFS} \times 2 = 3.78 \text{ ac ft/day} \times 83.3 \text{ days} = \frac{314.9 \text{ ac ft}}{125 \text{ ac}}$

$\frac{314.9}{6} = 52.5 \text{ AF/mo}$

252 ac ft/yr

POD-ID 48472 APP G 145888

Well # 8-L-21297 Meter # 99131155 179,110 Kwh Pivots 1, 2, 3, 14 Mini Pivots @ 593 acres

108.4 HP

$\frac{179,110}{81.3} = \frac{2203 \text{ hrs}}{24} = 91.8 \text{ days}$

.75 basic Kwh/hp

81.3 HP

$\frac{3600 \text{ GPM}}{450 \text{ (CFS)}} = 8 \text{ CFS} = 16 \text{ ac ft/day}$

$\frac{1468.7}{6} = 247.1 \text{ AF/mo}$

$16 \times 91.8 \text{ days} \times \frac{1468.7}{593} = 2.48 \text{ ac ft/yr}$

Well # 9-L-28334 Pivot # 10 125 acres

Meter # 84213406 - 275,200 Kwh

199 HP

.75 basic Kwh/hp  $\frac{275,200 \text{ Kwh}}{149.3 \text{ Kw}} = \frac{1843.3}{24} = 76.8 \text{ days}$

149.3 Kw

$\frac{900 \text{ GPM}}{450 \text{ CFS}} = 2 \text{ CFS} = 4 \text{ ac ft/day}$

$\frac{48473}{6} = 307.2 = 51.2 \text{ AF/mo}$

$76.8 \text{ days} \times 4 \text{ ac ft/day} = \frac{307.2}{125} = 2.46 \text{ ac ft/yr}$

Well #10 - L-35540 Meter # 95983507 Replaced by 23267949

Sec 30

Pivot # 13. 125 acres 70,233 Kwh

79.2 HP

.75 basic kwh/hp  $\frac{70,233}{59.4} = \frac{1182.4}{24} = 49.3$  days

59.4 Kwh

$\frac{900 \text{ GPM}}{450 \text{ (1 cfs)}} = 2 \text{ cfs} = 40 \text{ ac ft/day}$

49.3 days x 40 ac ft/day =  $\frac{1971 \text{ ac ft}}{125 \text{ acres}} = 1.58 \text{ ac ft/ac/yr}$

POD-ID

$\frac{47876}{APP \text{ @ } 4678}$

1971

32.8 HP

Sec 36 NE 1/4  
Hain 212

POD-ID  
APP @ 45445

Well #11 - L-35999 Well #13 - 36000 Pivot #12 = 125 acres

47 HP + 47 HP = 94 HP Combined Meter #84183261 = 51,920 Kwh

94 HP

Meter #8418362 = 28,940 Kwh

x .75 basic Kwh/hp

80,860 Kwh

70.5 Kwh

$\frac{80,860}{70.5} = \frac{1147}{24} = 47.8$  days

Well #13 = 600 GPM Well #11 = 330 GPM Total 930 GPM

$\frac{930 \text{ GPM}}{450 \text{ (1 cfs)}} = 2.1 \text{ cfs} = 4.2 \text{ ac ft/day}$

47.8 days x 4.2 ac ft/day =  $\frac{200.8 \text{ ac ft}}{125 \text{ acres}} = 1.6 \text{ ac ft/ac/yr}$

$\frac{200.8}{6}$

33.5 HP

Sec 36 NW 1/4  
Hain 213

$\frac{264.2}{6}$

44.0 HP

Well #12 L-36501 Meter #84183259 - 73,120 Kwh

Pivot #11 - 125 acres 67657 67920

40 HP

x .75 basic Kwh/hp  $\frac{73,120 \text{ Kwh}}{30} = \frac{2437.3}{24} = 101.6$  days

30 Kwh

$\frac{600 \text{ GPM}}{450 \text{ (1 cfs)}} = 1.3 \text{ cfs} = 2.6 \text{ ac ft/day}$

101.6 days x 2.6 ac ft/day =  $\frac{264.2 \text{ ac ft}}{125 \text{ acres}} = 2.11 \text{ ac ft/ac/yr}$

$\frac{45446}{APP \text{ @ } 8573}$

916

Application No. G-1488

Permit No.

SECTION PLAT

Section 34

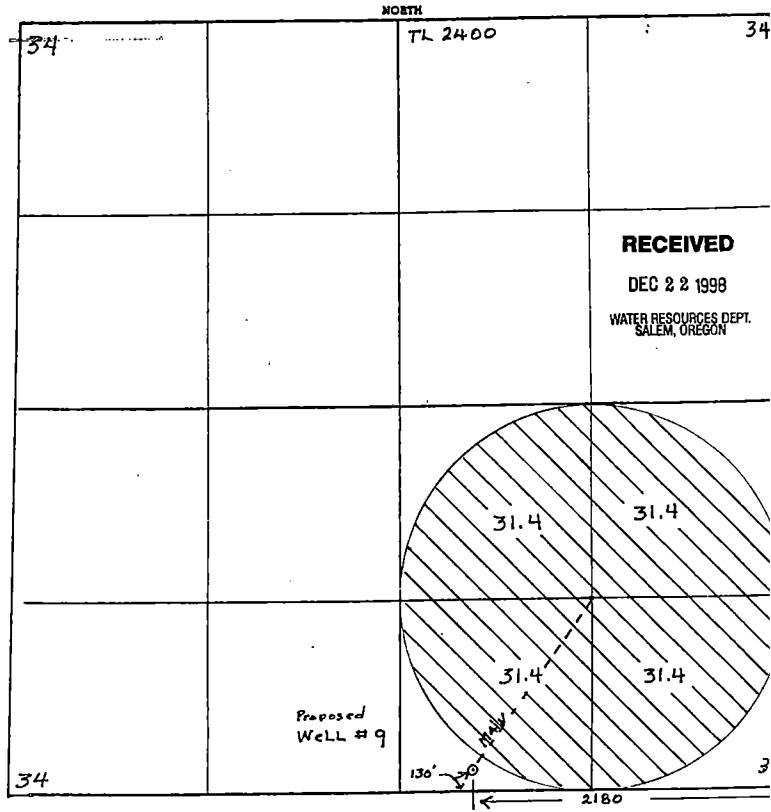
Township 22-S

Range 32 1/2-E

County of Harney

State of OREGON

COPY



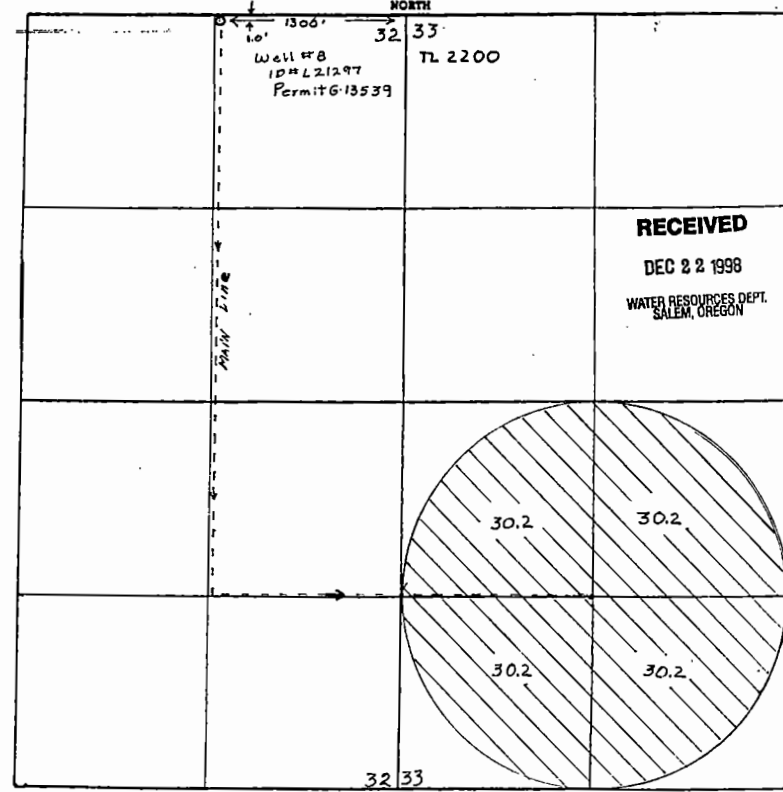


Application No. G-14880  
Permit No. G-13730

SECTION PLAT

Section 33 Township 22-S Range 32 1/2-E  
County of Harney State of OREGON

COPY



STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ANDY ROOT  
HC 73 174 HARNEY ROAD  
BURNS, OREGON 97720

PHONE: (541)493-3645

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14888

SOURCE OF WATER: WELL 8 AND WELL 9 IN THE RATTLESNAKE CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 246.4 ACRES

MAXIMUM RATE: 3.08 CUBIC FEET PER SECOND (CFS)

PERIOD OF USE: MARCH 1 TO OCTOBER 15

DATE OF PRIORITY: DECEMBER 22, 1998, FOR 3.0 CFS AND MARCH 12, 1999, FOR 0.08 CFS

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 32, SW 1/4 SE 1/4, SECTION 34, T22S, R32½E, W.M.; WELL 8 - 1 FOOT SOUTH & 1306 FEET WEST FROM NE CORNER, SECTION 32; WELL 9 - 130 FEET NORTH & 2180 FEET WEST FROM SE CORNER, SECTION 34

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 SW 1/4 30.2 ACRES  
NW 1/4 SW 1/4 30.2 ACRES  
SW 1/4 SW 1/4 30.2 ACRES  
SE 1/4 SW 1/4 30.2 ACRES  
SECTION 33

NE 1/4 SE 1/4 31.4 ACRES  
NW 1/4 SE 1/4 31.4 ACRES  
SW 1/4 SE 1/4 31.4 ACRES  
SE 1/4 SE 1/4 31.4 ACRES

SECTION 34

TOWNSHIP 22 SOUTH, RANGE 32½ EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

In the event of a request for a change in point of appropriation, an additional point of appropriation or alteration of the appropriation facility associated with this authorized diversion, the quantity of water allowed herein, together with any other right, shall not exceed the capacity of the facility at the time of perfection of this right.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

**STANDARD CONDITIONS**

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin by July 30, 2000. Complete application of the water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued September 1, 1999

  
Martha O. Pagel, Director  
Water Resources Department

Application G-14888  
Basin 12  
RWK

Water Resources Department  
Volume 2 RATTLESNAKE CR  
MGMT.CODE 7BG 7BR

PERMIT G-13730  
District 10

# Mailing List for Permit Copies

Application# G-14888

Mailing List Print Date August 25, 1999

**Original mailed to(when permit issued, include copy of permit map):**

Applicant: ANDY ROOT, HC 73 174 HARNEY RD, BURNS, OREGON 97720

**For Permit only - Permit Copies sent to (Remember to reduce copy margins):**

1. WRD - File # G-14888
2. WRD - Ken Stahr
3. WRD - Data Center
4. WRD - NWR (Gloria)
5. WRD - Watermaster District #: 10 (w/copy of permit map)
6. WRD - Regional Manager: ER (w/copy of permit map)

Caseworker: RWK

Copies Mailed
By: <u>JF</u>
(SUPPORT STAFF)
on: <u>9/2</u>
(DATE)

Oregon Water Resources Department  
Water Rights Division

Water Rights Application  
Number G-14888

**Final Order**

*Application History*

On December 22, 1998, ANDY ROOT submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on May 4, 1999. The protest period closed June 18, 1999, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

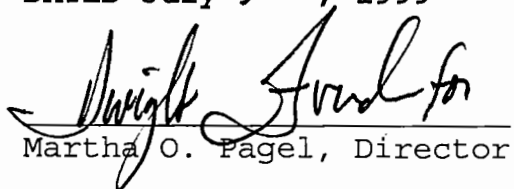
**Order**

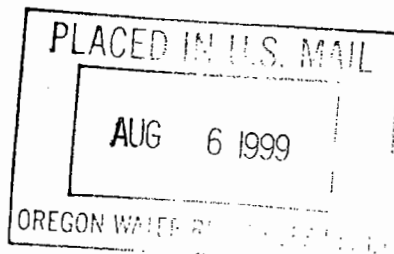
Upon payment of outstanding permit recording fees, Application G-14888 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of \$200.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees within 60 days from the date of this Final Order may result in the proposed rejection of Application G-14888.

*If you need to request additional time to submit the required fees, the request should be received in the Salem office of the Department by the deadline above. The Department will evaluate the request and determine whether or not the request may be granted.*

DATED July 30, 1999

  
Martha O. Pagel, Director



*Appeal Rights*

No changes have been made to the findings of the Proposed Final Order and no protests were filed during the protest period following the Proposed Final Order, therefore, there is no opportunity for appeal or judicial review of this final order (690-310-160(5)).

*This document was prepared by Russell W. Klassen. If you have any questions about any of the statements contained in this document I am the most likely the best person to answer your questions. You can reach me toll free within Oregon at 1-800-624-3199 extension 266. Outside of Oregon you can dial 1-503-378-8455.*

*If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Adam Sussman. His extension number is 262.*

*If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 499. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 158 12th ST. NE Salem, OR 97310, Fax: (503)378-2496*

STATE OF OREGON

COUNTY OF HARNEY

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

ANDY ROOT

HC 73 174 HARNEY ROAD

BURNS, OREGON 97720

PHONE: (541)493-3645

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NW 1/4 SW 1/4 30.2 ACRES



SW 1/4 SW 1/4 30.2 ACRES  
SE 1/4 SW 1/4 30.2 ACRES  
SECTION 33

NE 1/4 SE 1/4 31.4 ACRES  
NW 1/4 SE 1/4 31.4 ACRES  
SW 1/4 SE 1/4 31.4 ACRES  
SE 1/4 SE 1/4 31.4 ACRES  
SECTION 34

TOWNSHIP 22 SOUTH, RANGE 32.5 EAST, W.M.

Measurement, recording and reporting conditions:

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Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

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Actual construction of the well shall begin within one year from issuance of the final order approving the use. Complete application of the water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the

permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued \_\_\_\_\_, 199\_

DRAFT - THIS IS NOT A PERMIT

---

Martha O. Pagel, Director  
Water Resources Department

Application G-14888  
Basin 12  
RWK

Water Resources Department  
Volume 2 RATTLESNAKE CR  
MGMT.CODE 7BG 7BR

PERMIT DRAFT  
District 10

# Mailing List for FO Copies

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Application# G-14888

Mailing List Printed July 21, 1999

**Original mailed to(when permit issued, include copy of permit map):**

Applicant: ANDY ROOT, HC 73 174 HARNEY RD, BURNS, OREGON 97720

**For FO w/Draft Permit - Copies sent to:**

1. WRD - File # G-14888

**For FO w/ Draft Permit - FO and Map Copies sent to:**

2. WRD - Watermaster District #: 10
3. WRD - Regional Manager: ER

CASEWORKER: RWK

Copies Mailed
By: <u>JF</u>
(SUPPORT STAFF)
on: <u>8/5/99</u>
(DATE)

Oregon Water Resources Department  
**RECEIVED** Water Rights Division

Water Rights Application  
Number G-14888

AUG 23 1999

WATER RESOURCES DEPT.  
SALEM, OREGON

**Final Order**

*Application History*

On December 22, 1998, ANDY ROOT submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on May 4, 1999. The protest period closed June 18, 1999, and no protest was filed.

The proposed use would not impair or be detrimental to the public interest.

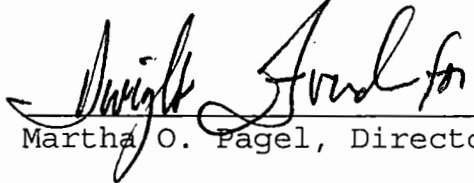
**Order**

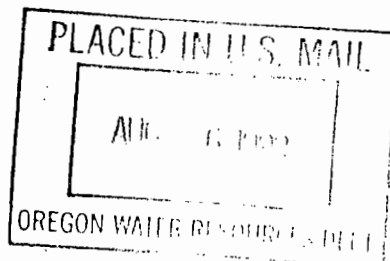
Upon payment of outstanding permit recording fees, Application G-14888 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of \$200.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees within 60 days from the date of this Final Order may result in the proposed rejection of Application G-14888.

If you need to request additional time to submit the required fees, the request should be received in the Salem office of the Department by the deadline above. The Department will evaluate the request and determine whether or not the request may be granted.

DATED July 30, 1999

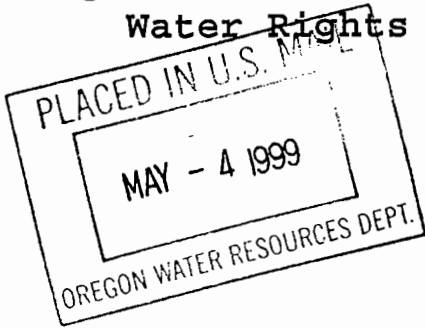
  
Martha O. Pagel, Director



*Appeal Rights*

No changes have been made to the findings of the Proposed Final Order and no protests were filed during the protest period following the Proposed Final Order, therefore, there is no opportunity for appeal or judicial review of this final order (690-310-160(5)).

Oregon Water Resources Department  
Water Rights Division



Water Rights Application  
Number G-14888

**Proposed Final Order**

*Summary of Recommendation:* The Department recommends that the attached draft permit be issued with conditions.

*Application History*

On December 22, 1998, ANDY ROOT submitted an application to the Department for the following water use permit:

- Amount of Water: 4600.0 GALLONS PER MINUTE (GPM), BEING 3600.0 GPM FROM WELL 8 AND 1000.0 GPM FROM WELL 9
- Use of Water: IRRIGATION OF 246.4 ACRES
- Source of Water: TWO WELLS IN RATTLESNAKE CREEK BASIN
- Area of Proposed Use: HARNEY County within SECTION 33 AND SECTION 34, TOWNSHIP 22 SOUTH, RANGE 32.5 EAST, W.M.

On 2/26/99, the Department mailed the applicant notice of its Initial Review, determining that "the use of 3.08 Cubic Feet per Second (1382.0 Gallons per Minute) from two wells in Rattlesnake Creek Basin for Irrigation of 246.4 acres is allowable from March 1 through October 15 of each year." The applicant did not notify the Department to stop processing the application within 14 days of that date.

On 3/16/99, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

In reviewing applications, the Department may consider any relevant sources of information, including the following:

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record

- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

*Findings of Fact*

The Malheur Lake Basin Program allows the following uses: IRRIGATION OF 246.4 ACRES.

Senior water rights exist on Well #8 in the RATTLESNAKE CREEK BASIN.

TWO WELLS, IN THE RATTLESNAKE CREEK BASIN, are not within or above a State Scenic Waterway.

An assessment of water availability has been completed by the Department's Groundwater/Hydrology Section. A copy of this assessment is in the file. This assessment determined that water is available for further appropriation.

Therefore, water may be appropriated from the wells during the period of use requested, March 1 to October 15.

The Department finds that no more than 3.08 Cubic Feet per Second (CFS) (1382.0 GPM) would be necessary for the proposed use. The amount of water requested, 4600.0 GPM, BEING 3600.0 GPM FROM WELL 8 AND 1000.0 GPM FROM WELL 9, shall be restricted to 3.08 CFS.

The wells are not located within a designated critical ground water area.

The Department determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.

The Groundwater Section finds that there **is NOT** a preponderance of evidence that the proposed use of groundwater will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

*Conclusions of Law*

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety

and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Malheur Lake Basin Plan.

No preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

The proposed use complies with other rules of the Water Resources Commission not otherwise described above.

The proposed use complies with the State Agency Agreement for land use.

No proposed flow rate and duty of water higher than the general basin-wide standard is needed.

For these reasons, the required presumption has been established.

Under the provisions of ORS 537.621, once the presumption has been established, it may be overcome by a preponderance of evidence that either:

- (a) One or more of the criteria for establishing the presumption are not satisfied; or
- (b) The proposed use would not ensure the preservation of the public welfare, safety and health as demonstrated in comments, in a protest . . . or in a finding of the department that shows:
  - (A) The specific aspect of the public welfare, safety and health under ORS 537.525 that would be impaired or detrimentally affected; and
  - (B) Specifically how the identified aspect of the public welfare, safety and health under ORS 537.525 would be impaired or be adversely affected.

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

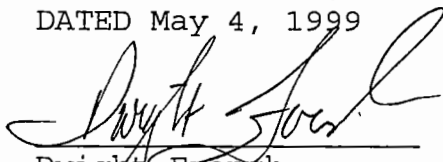


The Department therefore concludes that water is available in the amount necessary for the proposed use; the proposed use will not result in injury to existing water rights; and the proposed use would ensure the preservation of the public welfare, safety and health as described in ORS 537.525.

Recommendation

The Department recommends that the attached draft permit be issued with conditions.

DATED May 4, 1999



Dwight French  
Water Rights Section Manager

*If you have any questions,  
please check the information  
box on the last page for the  
appropriate names and  
phone numbers.*

*Protest Rights and Standing*

Under the provisions of 537.621(7), you have the right to protest this proposed final order. Your protest must be in writing, and must include the following:

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the \$200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

## Requests for Standing

Under the provisions of 537.621(6), persons other than the applicant who support a proposed final order may request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order. A request for standing shall be in writing, include a statement that the requester supports the proposed final order, and a statement of how the requester would be harmed if the proposed final order is modified. The fee required at the time of submitting this request is \$50.00. If a hearing is scheduled, an additional fee of \$150.00 must be submitted along with a request for intervention. Forms to request standing are available from the Department.

Your protest or request for standing must be received in the Water Resources Department no later than **June 18, 1999**.

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case hearing will be scheduled only if a protest has been submitted and if

- upon review of the issues, the director finds that there are significant disputes related to the proposed use of water, or
- the applicant requests a contested case hearing within 30 days after the close of the protest period.

*This document was prepared by Laura Snedaker. If you have any questions about any of the statements contained in this document I am most likely the best person to answer your questions. You can reach me toll free within Oregon at 1-800-624-3199 extension 331. Outside of Oregon you can dial 1-503-378-8455.*

*If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Adam Sussman. His extension number is 262.*

*If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 499.*

DRAFT

This is not a permit!!!

DRAFT

STATE OF OREGON

COUNTY OF HARNEY

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

ANDY ROOT

HC 73 174 HARNEY RD.  
BURNS, OREGON 97720

PHONE: (541) 493-3645

The specific limits and conditions of the use are listed below.

APPLICATION FILE NUMBER: G-14888

SOURCE OF WATER: WELL 8 AND WELL 9 IN THE RATTLESNAKE CREEK BASIN

PURPOSE OR USE: IRRIGATION OF 246.4 ACRES

MAXIMUM RATE: 3.08 CUBIC FEET PER SECOND (CFS)

PERIOD OF USE: MARCH 1 TO OCTOBER 15

DATE OF PRIORITY: DECEMBER 22, 1998, FOR 3.0 CFS AND MARCH 12, 1999, FOR 0.08 CFS

POINT OF DIVERSION LOCATION: NE 1/4 NE 1/4, SECTION 32, SW 1/4 SE 1/4, SECTION 34, T22S, R32.5E, W.M.; WELL 8 - 1 FOOT SOUTH & 1306 FEET WEST FROM NE CORNER, SECTION 32; WELL 9 - 130 FEET NORTH & 2180 FEET WEST FROM SE CORNER, SECTION 34

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second (or its equivalent) and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE 1/4 SW 1/4 30.2 ACRES  
NW 1/4 SW 1/4 30.2 ACRES  
SW 1/4 SW 1/4 30.2 ACRES  
SE 1/4 SW 1/4 30.2 ACRES  
SECTION 33  
NE 1/4 SE 1/4 31.4 ACRES  
NW 1/4 SE 1/4 31.4 ACRES

SW 1/4 SE 1/4 31.4 ACRES  
SE 1/4 SE 1/4 31.4 ACRES  
SECTION 34  
TOWNSHIP 22 SOUTH, RANGE 32.5 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

In the event of a request for a change in point of appropriation, an additional point of appropriation or alteration of the appropriation facility associated with this authorized diversion, the quantity of water allowed herein, together with any other right, shall not exceed the capacity of the facility at the time of perfection of this right.

If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.

**STANDARD CONDITIONS**

The wells shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at all times.

The use shall conform to such reasonable rotation system as may be ordered by the proper state officer.

Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter.

Failure to comply with any of the provisions of this permit may result in action including, but not limited to, restrictions on the use, civil penalties, or cancellation of the permit.

This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

By law, the land use associated with this water use must be in compliance with statewide land-use goals and any local acknowledged land-use plan.

The use of water shall be limited when it interferes with any prior surface or ground water rights.

The Director finds that the proposed use(s) of water described by this permit, as conditioned, will not impair or be detrimental to the public interest.

Actual construction of the well shall begin within one year from issuance of the final order approving the use. Complete application of the water to the use shall be made on or before October 1, 2003. Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued \_\_\_\_\_, 199\_

**DRAFT - THIS IS NOT A PERMIT**

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Martha O. Pagel, Director  
Water Resources Department

Application G-14888  
Basin 12  
LKS- WEEK 197

Water Resources Department  
Volume 2 RATTLESNAKE CR  
MGMT.CODE 7BG 7BR

PERMIT DRAFT  
District 10

Application No. 6-14888

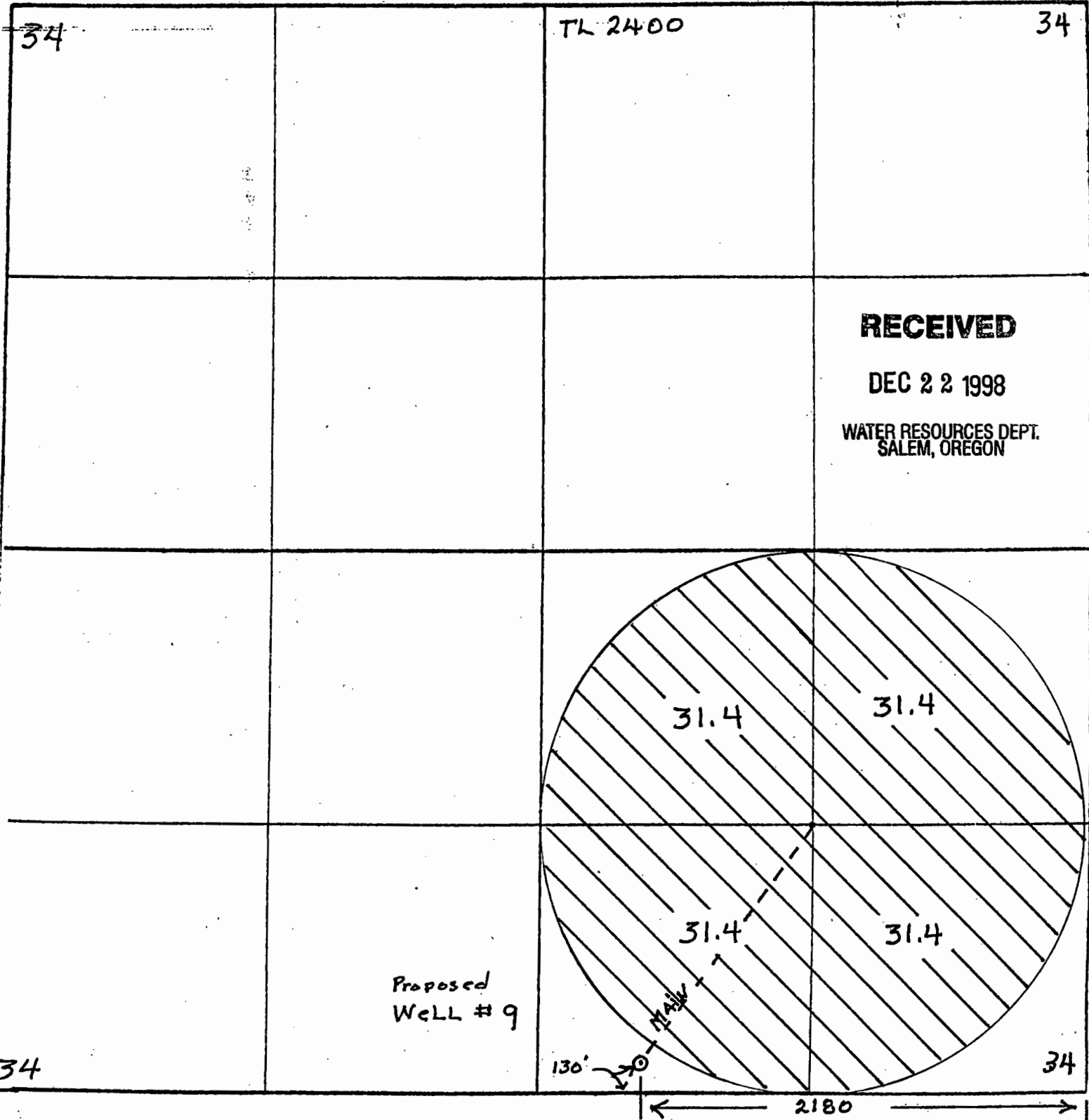
Permit No.

SECTION PLAT

Section 34 Township 22-S Range 32 1/2-E

County of Harney State of OREGON

NORTH



**RECEIVED**

DEC 22 1998

WATER RESOURCES DEPT.  
SALEM, OREGON

TL 2400

34

34

31.4

31.4

31.4

31.4

Proposed  
Well # 9

130'

2180

34

34

1" = 660'

Sheet 1 of 2

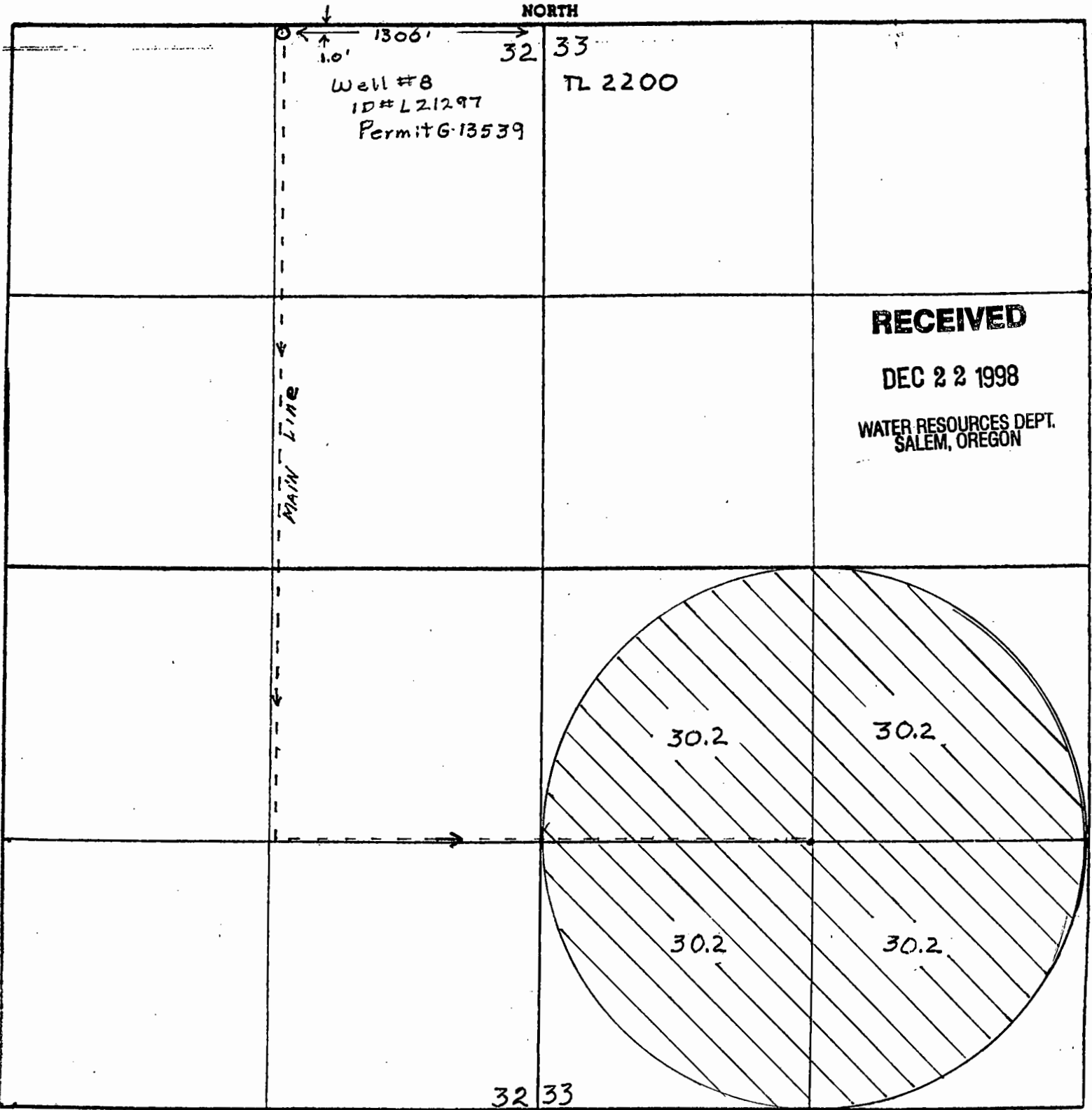
Application No. G-14888

Permit No.

### SECTION PLAT

Section 33 Township 22-S Range 32 1/2-E

County of Harney State of OREGON



**RECEIVED**

DEC 22 1998

WATER RESOURCES DEPT.  
SALEM, OREGON

# FO CHECKLIST

FILE # C-14888  
 PFO WEEK # 197

PFO TO FO CONVERSION

REVIEW DATE: 7/2/99  
 INITIALS: PKK

In preparing to create the FO, you should check the following:

1. Y/N  Were **comments or protests** received? If so, from whom and when?

2. Y/N/NA  Have affected owners, commentors, & those who paid \$10 been **notified** at the proper address?

3. Y/N/NA  Has ODFW asked for **self certification** of screening? (If so, write "ODFW CERT" in the permit block on the file.)

4. Y/N  Fees due?

owe	250	BASE
	150	LCFS
	225	3 CFS
	175	REC
	800	
	600	PD
	200	

5. Y/N  Is **further processing** possible? If not state reason: \_\_\_\_\_

6. Y/N  Is **additional information required**, fees, secondary, etc., prior to permit? (Send certified letter prior to FO)

7. Y/N  Assign **permit numbers** \_\_\_\_\_

8. Y/N  Do the PFO conclusions require **modification**? Why? \_\_\_\_\_

FO Type: FOMOD                      DENIAL                      FO w/o PERMIT                      FO & PERMIT

	<b>MGMT CODES</b>  <u>78</u>
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Once created, modify FO as needed to:

9. Y/N  Correct PFO **errors** (such as POD or POU location [verify from map] or Permit format)

10.  **Save** WordPerfect document in M:\GROUPS\WR\FOWEEK 200 & delete duplicates.



PFO CHECKLIST

Application #: G 14888

Basin: Mulhewer LK WAB: \_\_\_\_\_

County Harney Township 22S Range 32E Section 33 1/4 1/4 \_\_\_\_\_

- 1. Is the file complete by the Minimum Requirements Checklist? Y/N
- 2. Shortcomings (items needed before a permit and/or FO can be issued) Y/N  
Check file for indicators that the process **should not** continue until a later date (ie - protest, letter to file indicating hold, or other) None
- 3. Groundwater Review A B C D River/Stream Name \_\_\_\_\_ Conditions 713  
  - a. Groundwater Availability A B C
  - b. Is second groundwater review necessary? (comments) Y/N
  - c. Is HB 1033 review complete? Y/N
  - d. Is the well located in a GWLA or CA? (If applicable, include map with POD) Y/N
- 4. Is use from a B.O.R. or Douglas County project? Y/N Contract in file? Y/N Contract # \_\_\_\_\_
- 5. Is the use allowed by the Basin Program? Y/N Limited? Y/N
- 6. Water Availability Data OK / REDONE NA (50% before July 17, 1992; 80% live flow & 50% storage after July 17, 1992)
- 7. Is the source withdrawn or limited by statute or Department withdrawal order? Y/N
- 8. Is the Proposed Use located in or above a Scenic Waterway? Y/N
- 9. Division 33: Above Bonn (after July 17, 1992) Y/N NA  
Below Bonn (after April 8, 1994; June 3, 1994) Y/N NA  
Statewide - (in shaded areas on T, E, and S Map - after June 3, 1994) Y/N NA
- 10. Per the IR, is the Proposed Source on the DEQ 303d List? Y/N If so, any comments received? Y/N  
Is the Proposed Use in a Dept of Ag. Water Quality Management Plan Area? Y/N Bear Creek or Tualatin River
- 11. Have conflicts been addressed? Y/N NER
- 12. Rate 180 Duty 3.0 Irrigation Season March -> Oct  
request March 1 to Oct 15
- 13. Period of Allowed Use March to Oct 15
- 14. Allowed Rate of Use 3.08 cfs  
4600 gpm = 10.2 cfs 30%  
246.4 x 1/80 = 3.08 cfs (1382 gpm)
- 15. Is the use **Small** ( $\leq 0.1$  cfs,  $\leq 9.2$  AF), **Medium** ( $> 0.1$  or  $< 1.5$  cfs,  $> 9.2$  or  $< 100$  AF) or **Large** ( $\geq 1.5$  cfs,  $\geq 100$  AF)?  
If the use is Municipal and  $\leq 0.1$  CFS, use **Large** condition.
- 16. Conditions Shared Pod, 713  
Is the proposed use within the New River Basin? Y/N If yes, include New River Agreement Conditions.
- 17. IR Public Notice Date 3-16-99 Comments Received? Y/N
- 18. Final Report Checklist
  - Documents used in determination are attached to this checklist and highlighted
  - Fill out PFO CC List (don't forget to check for other property owners)
    - a. Re-notify Water Availability? (Rate, Duty and Period of Allowed Use changes) Y/N
    - b. Check Watermaster Dist. on the CC list and draft permit.
  - Spell Check and Accuracy Check
  - Final PFO report hard copy check (format, margins, etc.)
  - Final PFO has been saved to m:\groups\wr\pfo\done\week#\application #

Name: LKS

Date: 4-20-99

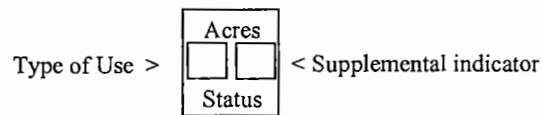
# Plat Card Report for 22S 32.5E 34

4/21/99

Page 1 of 1

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE			
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
G 14678	G 13539				31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR						
	2/2/98																			
G 14888															31.400 IR	31.400 IR	31.400 IR	31.400 IR		
	12/22/98																			

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.



Plat Card Report for 22S 32.5E 33

4/21/99

Page 1 of 1

Application	Permit	Certificate	Status	DLC/ Lot	NE				NW				SW				SE			
					NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
G 14678	G 13539				31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR	31.400 IR					31.400 IR	31.400 IR	31.400 IR	31.400 IR
				2/2/98																
G 14888													30.200 IR	30.200 IR	30.200 IR	30.200 IR				
				12/22/98																

Notes: Primary is to be assumed. (s) indicates supplemental Rights assumed non-canceled.

Type of Use > 

Acres	
Status	

 < Supplemental indicator

IR CHECKLIST

Application # G14888 Priority Date: 12/22/99  
Basin: Malheur Lake County: Harney  
Township 22S Range 32 1/2E Section 34, 33 1/4 1/4 (34) SWSE, (33) NENW  
WAB: \_\_\_\_\_ POU WAB: \_\_\_\_\_

- 1. Complete by Minimum Requirements checklist  Y  N Items still required: \_\_\_\_\_
- 2. Groundwater Review A  B  C  D River/Stream Name \_\_\_\_\_  
Conditions 7B Water Availability A  B  C
- 3. Is the well located in a groundwater limited area? Y  N  Name \_\_\_\_\_
- 4. Is the well located in T1N R3E SEC 20, 21, 28, 29 Y  N
- 5. Within or above a Scenic Waterway  Y  N Conditions/Restrictions Y  N
- 6. Basin Maps have been checked Y  N
- 7. Allowed under Basin Program  Y  N Limitations Y  N  1040-512-040
- 8. Withdrawn Y  N  Season Allowed \_\_\_\_\_
- 9. Water Availability 80% \_\_\_\_\_ 50% \_\_\_\_\_  N/A
- 10. Use IR Period of allowed use 9/1-10/31
- 11. Season requested by applicant 3/1 - 10/15
- 12. For Irrigation: Rate 1/80 Duty 3 Season 3/1 - 10/31
- 13. For Nursery or Cranberry: Rate \_\_\_\_\_ Duty \_\_\_\_\_ Season \_\_\_\_\_
- 14. Allowable rate of use: 246.4/80 = 3.08 (1382.6 gpm)  
Requested Rate: 4600 gpm (10.25 cfs) — 3.08 cfs per 1/4 739 AF
- 15. BOR project Y  N  Contract # \_\_\_\_\_
- 16. Subject to Division 33: Y  N  N/A Above Bonneville \_\_\_\_\_ TES Y N  
Below Bonneville \_\_\_\_\_ TES Y N TES only Y N
- 17. Conflict Y  N
- 18. Conditions? (BOR, GW, other) Y  N
- 19. Measuring condition Small \_\_\_\_\_ Medium \_\_\_\_\_ Large
- 20. Within Dept. Of Agriculture Water Quality Management Area Y  N  N/A  
TUALATIN \_\_\_\_\_ BEAR CREEK(ROGUE) \_\_\_\_\_
- 21. On DEQ 303d list Y  N  N/A
- 22. Land use approval  OK'd  Needs Approval  County Notified  N/A
- 23. Watermaster Dist: (1 2 16 18 20 NWR) (3 4 5 NCR) (6 8 9  10 ER)  
(11 12 17 SCR) (13 14 15 19 SWR)
- 24. ODFW Biologist Wayne Bowen
- 24. Letter will be:  GOOD  LIMITED  BAD  BAD W/IR SHORT  BAD W/HC EXCEPT

Name: Anderson Date: 2/4/99

OREGON WATER RESOURCES DEPARTMENT  
ADMINISTRATIVE RULES  
CHAPTER 690  
DIVISION 512  
MALHEUR LAKE BASIN PROGRAM

**Minimum Perennial Streamflows**

690-512-001

The minimum perennial streamflows listed in Table 1 are hereby adopted or established.

**Water Availability**

690-512-040

(1) Except as provided in section (3) of this rule, the Department shall not accept an application for permit, or issue a permit, for any use of surface water, or of groundwater the use of which has the potential to substantially interfere with surface water, in the Malheur Lake Basin unless the applicant shows, by a preponderance of evidence, that unappropriated water is available to supply the proposed use at the times and in the amounts requested. The evidence provided shall be prepared by a qualified hydrologist or other water resources specialist and shall include:

(a) Streamflow measurements or gage records from the source or, for use of groundwater, the stream in hydraulic connection with the source; or

(b) An estimate of water availability from the source or, for use of groundwater, the stream in hydraulic connection with the source which includes correlations with streamflow measurements or gage records on other, similar streams and considers current demands for water affecting the streamflows.

(2) The criteria used in determining if the use of groundwater has the potential to substantially interfere with surface water shall be those established in OAR Chapter 690, Division 9.

(3) This rule shall not apply to issuance of:

(a) Instream water rights,

(b) Permits for storage of water between March 1 and May 31 if the application is not required to be referred to the Commission under OAR 690-11-080 (2)(a)(C), or

(c) Permits for use of water legally stored.



**Water Right Conditions  
Tracking Slip**

*Groundwater/Hydrology Section*

FILE # = G-14888

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 22S/32 $\frac{1}{2}$ E-32,34

CONDITIONS ATTACHED? []yes []no

REMARKS OR FURTHER INSTRUCTIONS:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Reviewer: Michael Zwart

TO: Water Rights Section Jan 6, 1999  
FROM: Groundwater/Hydrology Section Michael Zwart  
SUBJECT: Application G-14888 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) 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)



**OREGON WATER RESOURCES DEPARTMENT  
INTEROFFICE MEMO**

To: Groundwater files

Date: January 6, 1999

From: Michael J. Zwart

Subject: Application Review: G-14888, Andy Root

This application proposes to use about 3.08 cfs from two wells for primary irrigation of 246.4 acres. Well #8 was drilled in 1998 (HARN 50362) and its proposed construction was reviewed as part of Application G-14678, the review of which is incorporated by reference here. It is completed to a depth of 405 feet. Well #9 is proposed to be constructed similarly, possibly to a depth of 450 feet. The wells will penetrate a confined aquifer developed in either sands and gravels or pumice, claystone and conglomerate, both of which appear to be confined below thick clay beds.

The aquifer proposed to be penetrated is not in hydraulic connection with nearby surface water sources. There is no potential for substantial interference, based on the confined aquifer penetrated.

I recommend permit condition 7B. I recommended condition 7A for Application G-14678, so I do not believe it to be necessary to recommend it again here.



# Oregon

John A. Kitzhaber, M.D., Governor

**Water Resources Department**

Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210  
(503) 378-3739  
FAX (503) 378-8130

February 26, 1999

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OREGON 97720

Reference: File G-14888

Dear Applicant:

**THIS IS NOT A PERMIT AND IS  
SUBJECT TO CHANGE AT THE NEXT PHASE OF PROCESSING.**

This letter is to inform you of the favorable preliminary analysis of your water use permit application and to describe your options. In determining whether a water use permit application may be approved, the Department must consider the factors listed below, all of which must be favorable to the proposed use if it is to be allowed. Based on the information you have supplied, the Water Resources Department has made the following preliminary determinations:

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule.
2. The use of water from TWO WELLS IN RATTLESNAKE CREEK BASIN for IRRIGATION OF 246.4 ACRES is **allowable** under OAR 690-512-040, the Malheur Lake Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.
4. The Department has also determined, based upon available data, that the use of groundwater in the amount of 10.25 CUBIC FEET PER SECOND (4600.0 GALLONS PER MINUTE), BEING 3600.0 GPM FROM WELL 8 AND 1000.0 GPM FROM WELL 9 for IRRIGATION OF 246.4 ACRES if properly conditioned, will not injure existing rights or the groundwater resource.
5. The Department finds that no more than 3.08 CUBIC FEET PER SECOND (1382.0 GALLONS PER MINUTE) would be necessary for the proposed use.

6. The season of use requested by the applicant, March 1 through October 15 is within the irrigation season allowed.

### Summary of Initial Determinations

**The use of 3.08 CUBIC FEET PER SECOND (1382.0 GALLONS PER MINUTE) from TWO WELLS IN RATTLESNAKE CREEK BASIN for IRRIGATION OF 246.4 ACRES is allowable from March 1 through October 15 of each year.**

Because of these favorable determinations, the Department can now move your application to the next phase of the water rights application review process. This phase is where public interest factors will be evaluated.

Please reference the application number when sending any correspondence regarding the conclusions of this initial review. Comments received within the comment period will be evaluated at the next phase of the process.

#### To Proceed With Your Application:

If you choose to proceed with your application, you do not have to notify the Department. Your application will automatically be placed on the Department's Public Notice to allow others the opportunity to comment. After the comment period the Department will complete a public interest review and issue a proposed final order.

#### Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, March 12, 1999**. For your convenience you may use the enclosed "STOP PROCESSING" form.

#### Additional Information Required:

**Please submit an additional \$50 for examination fees if you will be using 3.08 CUBIC FOOT PER SECOND. If you propose to use less than this amount, you will owe no additional examination fees. Please either submit the additional fees, or notify the Department of the amount of water you propose to use. If we do not hear from you by the date requested, your request will be processed at a rate of 3.0 CFS. This information must be submitted no later than April 15, 1999 or the Department may propose to reject your application at the next phase of processing.**

**If you are unable to submit the above listed information, you may request a "time out from**

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:

Andy Root  
 HC 73 174 Harney Road  
 Burns, Oregon 97720

6-14888

4a. Article Number

PS6383

4b. Service Type

- Registered  Certified
- Express Mail  Insured
- Return Receipt for Merchandise  COD

7. Date of Delivery

3/2

5. Received By: (Print Name)

6. Signature: (Addressee or Agent)

X

Shepherd

8. Addressee's Address (Only if requested and fee is paid)

Thank you for using Return Receipt Service.

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

• Print your name, address, and ZIP Code in this box •

WATER RESOURCES DEPARTMENT  
158th ST NE  
SALEM, OR 97310

*w/r Hannah*

**processing" for up to an additional 180 days. You must submit the request in writing, stating how much more time you will need and why you need additional time. If a time out is granted, your application will not be processed further until the requested information is received or the extended deadline has passed.**

If A Permit Is Issued It Will Likely Include The Following Conditions:

1. Measurement, recording and reporting conditions:
  - A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.
  - B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
2. If substantial interference with a senior water right occurs due to withdrawal of water from any well listed on this permit, then use of water from the well(s) shall be discontinued or reduced and/or the schedule of withdrawal shall be regulated until or unless the Department approves or implements an alternative administrative action to mitigate the interference. The Department encourages junior and senior appropriators to jointly develop plans to mitigate interferences.
3. In the event of a request for a change in point of appropriation, an additional point of appropriation or alteration of the appropriation facility associated with this authorized diversion, the quantity of water allowed herein, together with any other right, shall not exceed the capacity of the facility at the time of perfection of this right.
4. The priority date for this application is December 22, 1998.

If you have any questions:

Questions about the status of your application, processing timelines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at (800) 624-3199 or (503) 378-8455 extension 499. Feel free to call me at (800) 624-3199 or (503) 378-8455 extension 229 if you have any questions regarding the contents of this letter. Please have your application

number available if you call.

Sincerely,

A handwritten signature in black ink, appearing to read 'Anita M. Huffman', written in a cursive style.

Anita M. Huffman  
Water Rights Specialist

cc: Regional Manager, Watermaster District 10, Water Availability Section  
enclosures: Flow Chart of Water Right Process  
Stop Processing Form

G-14888  
wab 12-  
pou 12-  
gw c

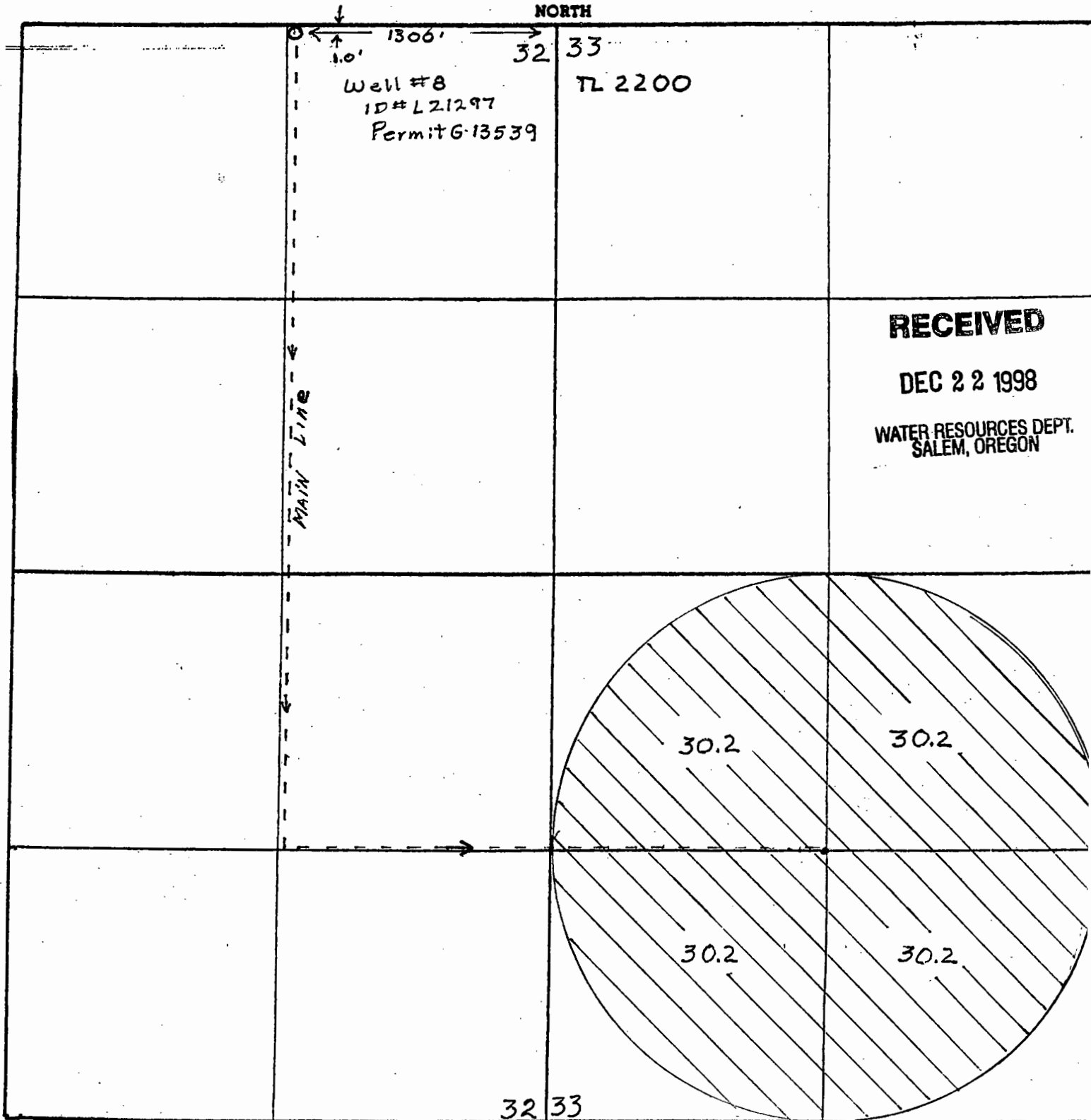
Application No. G-14888

Permit No.

### SECTION PLAT

Section 33 Township 22-S Range 32 1/2-E

County of Harney State of OREGON





# Mailing List for IR Copies

Application #G-14888

IR Date: February 26, 1999

## Original mailed to:

Applicant: ANDY ROOT , HC 73 174 HARNEY RD, BURNS, OREGON 97720

## Copies sent to:

1. WRD - File # G-14888
2. WRD - Water Availability: Ken Stahr

## IR, Map, and Fact Sheet Copies sent to:

3. WRD - Watermaster # District 10
4. WRD - Regional Manager (not Bob Main):ER
5. ODFW District Biologist: (HARNEY County)Wayne Bowers

## Copies Mailed

By: <u>HW</u>
(SUPPORT STAFF)
on: <u>2/26/99</u>
(DATE)

## Copies sent to Other Interested Persons (*CWRE, Agent, Well Driller, Commenter, etc.*)

6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_

ID# AMM

COPYSHIT.IR



Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

1. Please indicate whether you are requesting a primary or supplemental irrigation water right.

Primary  Supplemental

If supplemental, please indicate the number of acres that will be irrigated for each type of use.

Primary: 246.4 Acres

Secondary: \_\_\_\_\_ Acres

List the permit or certificate number of the primary water right: no. \_\_\_\_\_

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DEC 22 1998

WATER RESOURCES DEPT.  
SALEM, OREGON

2. Please list the anticipated crops you will grow and whether you will be irrigating them for a full or partial season:

- 1. ALFALFA & Grain  Full season  Partial season (from: 3-1 to 10-15)
- 2. \_\_\_\_\_  Full season  Partial season (from: \_\_\_\_\_ to \_\_\_\_\_)
- 3. \_\_\_\_\_  Full season  Partial season (from: \_\_\_\_\_ to \_\_\_\_\_)
- 4. \_\_\_\_\_  Full season  Partial season (from: \_\_\_\_\_ to \_\_\_\_\_)

3. Indicate the maximum total number of acre-feet you expect to use in an irrigation season:

739 acre-feet

(1 acre-foot equals 12 inches of water spread over one acre, or 43,560 cubic feet, or 325,851 gallons.)

4. How will you schedule your applications of water? Will you be applying water in the evenings, twice a week, daily?

- Daily during daytime hours  Daily during nighttime hours
- Two or three times weekly during daytime  Two or three times weekly during nighttime
- Weekly, during daytime hours  Weekly, during nighttime hours

Other, explain: When the Crop Requires Water

Application No. G-14888

Permit No.

Application File #G-14888



# Oregon

John A. Kitzhaber, M.D., Governor

## Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210  
(503) 378-3739  
FAX (503) 378-8130

### CERTIFIED MAIL Return Receipt Requested

February 26, 1999

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OR 97720

RE: Application File # G-14888

Dear Mr. Root:

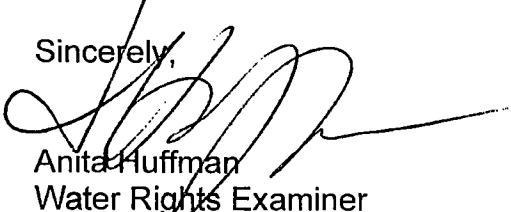
Your Initial Review has been processed, and I found that additional information is required to complete your application for water use. The following information must be received:

- ▶ **An additional \$50 for examination fees if you will be using 3.08 CUBIC FOOT PER SECOND. If you propose to use less than this amount, you will owe no additional examination fees. Please either submit the additional fees, or notify the Department of the amount of water you propose to use. If we do not hear from you by the date requested, your request will be processed at a rate of 3.0 CFS.**

Please submit the requested items by **April 15, 1999**. If we do not receive the items requested above by this date, or a request for time out from processing, we **may** reject your application consistent with ORS 537.153. If your application is rejected, any fees submitted in excess of the examination fee will be refunded; however, the examination fee is non-refundable and will not be returned. In addition, the priority date associated with your application will be lost.

Should you have any questions regarding your application or the required materials listed above, or if you need to request an extension of time, please call me at (503) 378-8455, extension 229, or toll free within Oregon at 1-800-624-3199.

Sincerely,

  
Anita Huffman  
Water Rights Examiner

cc: Watermaster District 10  
File

**RECEIVED**

**MAR 12 1999**

**WATER RESOURCES DEPT.  
SALEM, OREGON**



# Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210  
(503) 378-3739  
FAX (503) 378-8130

**CERTIFIED MAIL**  
**Return Receipt Requested**

February 26, 1999

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OR 97720

RE: Application File # G-14888

Dear Mr. Root:

Your Initial Review has been processed, and I found that additional information is required to complete your application for water use. The following information must be received:

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Sincerely,

Anita Huffman  
Water Rights Examiner

cc: Watermaster District 10  
File



Application No. 6-14888

Permit No. Oregon Water Resources Department Land Use Information Form

This information is needed to determine compatibility with local comprehensive plans as required by ORS 197.180. The Water Resources Department will use this and other information to evaluate the water use application. DO NOT fill out this form if water is to be diverted, conveyed, or used only on federal lands.

To Be Completed By Applicant

The following section includes information about proposed water use. This section must be completed by the individual or group that is filing an application for a water right with the Water Resources Department.

A. Applicant

Name: Andy Root
Address: HC 73 174 Harney Road
City: Burns State: OR Zip: 97720 Day Phone: 541-493-3645

B. Land and Location

Please provide information as requested below for all tax lots on or through which water will be diverted, conveyed, or used. Check "diverted" if water is diverted (taken) from its source on tax lot, "conveyed" if water is conveyed (transported) on tax lot, and "used" if water will be put to beneficial use on tax lot. More than one box may be checked. (Attach extra sheets as necessary.) Applicants for municipal use, or irrigation uses within irrigation districts, may substitute existing and proposed service area boundaries for the tax lot information requested below.

Table with 3 columns: Tax Lot I.D., Plan Designation (e.g. Rural Residential/RR-5), Water to be: (check all that apply). Rows include tax lots 22-32 1/2-33 and 22-32 1/2-34.

List counties and cities where water is proposed to be diverted, conveyed, or used.

C. Description of Water Use

Indicate what the water will be used for. Include the beneficial use (found in the instruction booklet for your water right application) and use the space below to describe the key characteristics of the project.

Beneficial Use(s): Crop IRRIGATION
Briefly describe: IRRIGATION using PIVOTS

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D. Source

Indicate the source for the proposed water use:

Reservoir/Pond Ground Water Surface Water (source)

WATER RESOURCES DEPT SALEM, OREGON

E. Quantity

Indicate the estimated quantity of water the use will require:

739 CFS GPM Acre-Feet

**For Local Government Use Only**

The following section must be completed by a planning official from each county and city listed unless your project will be located entirely within the city limits. In this case, only the city planning agency must complete this form. Please request additional forms as needed or feel free to copy.

**A. Allowed Use**

Check the appropriate box below and provide requested information.

- Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s); Act 3, Sec. 3-010. Go to section B "Approval" below
- Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

Type of Land Use Approval Needed (e.g. plan amendments, rezones, conditional use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Check the item that applies: Land Use Approval:	
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being pursued <input type="checkbox"/> Not being pursued

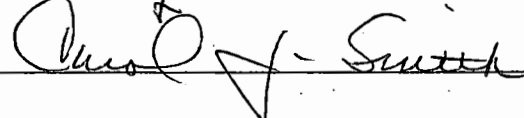
**Note:** Please attach documentation of applicable local land use approvals which have already been obtained. (Record of Action plus accompanying findings is sufficient.)

**B. Approval**

Please provide printed name and written signature.

Name: Carol J. Smith Date: 12-14-98

Title: PLANNING DIRECTOR Phone: 541-573-6655

Signature: 

**C. Additional Comments**

Local governments are invited to express special land use concerns or make recommendations to the Department regarding this proposed use of water below, or on a separate sheet.

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**Note:** If this form cannot be completed while the applicant waits, sign and detach the receipt stub as instructed below. You will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD will presume the land use associated with the proposed water right is compatible with local comprehensive plans. (See attached letter.)

PAGE 1 OF 2

950991

ROOT WELL LEGAL  
DESCRIPTION FOR  
WELL, T. 22 S., R. 32 1/2 E.  
SEC. 34, NE 1/4

EXHIBIT A

Legal Description of the Property

The property located in Harney County, Oregon, as follows:

PARCEL "A":

TL 1900

In Township 21 South, Range 32 East, Willamette Meridian:

Sec. 36: NW 1/4, SW 1/4.

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In Township 22 South, Range 32 1/2 East, Willamette Meridian:

DEC 22 1998

\* Sec. 29: SW 1/4, SE 1/4.

\* Sec. 30: Lots 2 and 3, SE 1/4, SW 1/4.

WATER RESOURCES DEPT.  
SALEM, OREGON

\* Sec. 31: The North one-half of the East 185 acres of said section.

Sec. 32: W 1/2, SW 1/4, E 1/2, EXCEPTING THEREFROM highway right of way over the SW 1/4 and SE 1/4 conveyed to the State of Oregon, acting by and through its Highway Commission, by deed recorded Feb. 16, 1937, in Book 37, Page 420, Deed Records. ALSO, EXCEPTING THEREFROM that portion of the SW 1/4 conveyed to Dwight K. Mims and Lynn Marie Mims, by deed recorded August 16, 1989, Instrument No. 891173, Deed Records.

Sec. 33: All, EXCEPTING THEREFROM highway right of way over the SW 1/4 conveyed to the State of Oregon, by and through its State Highway Commission, by deed recorded July 12, 1937, in Book 37, Page 546, Deed Records.

\* Sec. 34: W 1/2, EXCEPTING THEREFROM the following three parcels:

Parcel No. 1: Highway right of way over the SW 1/4 conveyed to the State of Oregon, by and through its State Highway Commission, by deed recorded Sept. 4, 1937, in Book 37, Page 597, Deed Records.

Parcel No. 2: Beginning at a point on the Northerly right of way line of the Central Oregon Highway, which point is 50 feet distant Northerly from (when measured at right angles to) the center line of the Central Oregon Highway at Engineer's Station 701+50, said point also being 88.3 feet North and 1942.3 feet East of the Southwest corner of said Sec. 34;  
thence N. 0° 19' E. 200 feet;  
thence S. 89° 41' E. 300 feet;  
thence S. 0° 19' W. 200 feet to a point on the Northerly right of way line of said highway;  
thence N. 89° 41' W. along said Northerly right of way line 300 feet to the point of beginning.

Parcel No. 3: Beginning at a point on the West line of said Sec. 34, which is N. 0° 11' W. 99 feet from the Southwest corner of said Sec. 34, said point also being the Northwest corner of parcel No. 1 of that property transferred to the

Application No. C-14888  
Permit No.



RECEIVED

Harn 50362 well #8

Application No. 6-14888

STATE OF OREGON WATER SUPPLY WELL REPORT NOV 23 1998

(as required by ORS 537.765)

Instructions for completing this report are on the reverse side of this form.

SALEM, OREGON

WELL ID: W21297 START CARD # 114679

(1) OWNER: Well Number

Name Andy Root Address PO Box 3 City Burns State OR Zip 97720

(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 405 ft. Explosives used Yes No Type Amount

Table with columns: Diameter, From, To, Material, From, To, Sacks or pounds. Includes data for cement seal.

How was seal placed: Method A B C D E

Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Includes data for casing and liner.

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

Table with columns: From, To, Slot size, Number, Diameter, Tubing/pipe size, Casing, Liner. Includes checkboxes for perforations and screens.

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

Table with columns: Pump, Bailer, Air, Flowing, Yield gal/min, Drawdown, Drill stem at, Time. Includes data for pump test.

Temperature of water 58 Depth Artesian Flow Found Was a water analysis done? No 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 Harney Latitude Longitude Township 22S N or S Range 32 1/2 E E or W. WM. Section 32 NE 1/4 NE 1/4 Tax Lot 2000 Lot Block Subdivision Street Address of Well (or nearest address) Hwy 20 E

(10) STATIC WATER LEVEL:

43 ft. below land surface. Date 10-19-98 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:

Depth at which water was first found 32

Table with columns: From, To, Estimated Flow Rate, SWL. Includes data for water bearing zones.

(12) WELL LOG:

Ground Elevation

Table with columns: Material, From, To, SWL. Includes detailed log of well materials and depths.

Date started 9-25-98 Completed 10-19-98

(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.

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 water supply well construction standards. This report is true to the best of my knowledge and belief.

WWC Number 1424 Signed Timothy K. Riley Date 11-18-98

**STATE OF OREGON  
WATER SUPPLY WELL REPORT**

(as required by ORS 537.765)

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

WELL I.D.# L 21297

START CARD # 114679

(1) OWNER: \_\_\_\_\_ Well Number \_\_\_\_\_

Name Andy Root

Address PO Box 3

City Burns State OR Zip 7720

(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 405 ft.

Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
16	+1	15	cement	0	37	8 yards
14	50	405				

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:

Casing/Liner	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
Casing:	16	+1	80	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	Material	Tele/pipe size	Casing/Liner	
					Casing	Liner
					<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>

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

<input checked="" type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing
Yield gal/min	Drawdown	Drill stem at	Artesian
3600	77	120	1 hr.

Temperature of water 58 Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done? NO  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 Harney Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 22S N or S Range 32E E or W. WM.  
Section 32 NE 1/4 NE 1/4  
Tax Lot 2000 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) Hwy 20 E

(10) STATIC WATER LEVEL:

43 ft. below land surface. Date 10-19-98  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 37

From	To	Estimated Flow Rate	SWL
32	65	100	32
185	405	3600	43

(12) WELL LOG:

Material	From	To	SWL
Clay loam topsoil	0	1	
clay brn	1	20	
sand clay brn	20	32	
clay grey	32	60	32
clay grey (caving)	60	65	32
clay grey	65	105	
clay green	105	185	
claystone green	185	190	43
clay green	190	196	
pumice/sand	196	215	43
clay green	215	226	
pumice grey	226	237	
clay green	237	244	
claystone green	244	250	43
pumice grey	250	262	43
clay green/claystone	262	276	43
clay green sticky	276	292	
claystone green	292	314	43
sandstone red no cuttings	314	365	43
sandstone clay red	365	405	43

Date started 9-25-98 Completed 10-19-98

(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.  
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 water supply well construction standards. This report is true to the best of my knowledge and belief.  
WWC Number 1424  
Signed Timothy K. Riley Date 11-18-98

Application No. G-14888  
Permit No.

950991

Application No 6-14888  
Permit No.

BARGAIN & SALE DEED

ANDY J. ROOT ("Grantor") hereby conveys to ANDY J. ROOT and JANA L. ROOT, husband and wife ("Grantee"), as tenants by the entirety, the real property described in attached Exhibit A, which is incorporated herein by this reference, located in Harney County, Oregon (the "Property").

The purpose of this instrument is to reconvey the interest of Jana L. Root in the Property, released by the Quitclaim Deed recorded on May 19, 1995, in the deed records of Harney County, Oregon as Document No. 95-0802.

The true and actual consideration, stated in terms of dollars, for this conveyance is \$0.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930.

DATED: June 16, 1995.

*Andy J. Root*  
\_\_\_\_\_  
Andy J. Root

STATE OF OREGON )  
County of Harney ) ss )

RECEIVED  
DEC 22 1998

This instrument was acknowledged before me on June 16, 1995, by ANDY J. ROOT.

WATER RESOURCES DEPT  
SALEM, OREGON

OFFICIAL SEAL  
TAMMY L. WHEELER  
NOTARY PUBLIC - OREGON  
COMMISSION NO. 009626  
MY COMMISSION EXPIRES OCTOBER 13, 1995

*Tammy L. Wheeler*  
\_\_\_\_\_  
NOTARY PUBLIC FOR OREGON  
My Commission Expires: 10-13-95

After recording return to:

(For Recorder's Use Only)

Ernest G. Bootsma  
851 S.W. Sixth Avenue, Suite 1500  
Portland, Oregon 97204-1357

Until a change is requested, all  
tax statements shall be sent to:

No Change



STATE OF OREGON } ss.  
County of Harney }  
I certify that the within instrument was received for  
record on the 16 day of June  
1995 at 2:50 o'clock P.M. and recorded  
Microfilm number 950991  
Dolores Swisher, County Clerk  
*Dolores Swisher*

STATE OF OREGON  
**WATER RESOURCES DEPARTMENT**

RECEIPT # **104604**

725 Summer St. N.E. Ste. A  
 SALEM, OR 97301-4172  
 (503) 986-0900 / (503) 986-0904 (fax)

INVOICE # \_\_\_\_\_

RECEIVED FROM: Andy's Custom  
 BY: WOME

APPLICATION: See Below  
 PERMIT: \_\_\_\_\_  
 TRANSFER: \_\_\_\_\_

CASH:  CHECK # 20589 OTHER: (IDENTIFY) \_\_\_\_\_

TOTAL REC'D: \$6000

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES \$ \_\_\_\_\_  
 OTHER: (IDENTIFY) \$ \_\_\_\_\_  
 0243 I/S Lease \_\_\_\_\_ 0244 Muni Water Mgmt. Plan \_\_\_\_\_ 0245 Cons. Water \_\_\_\_\_

**4270 WRD OPERATING ACCT**

MISCELLANEOUS  
 0407 COPY & TAPE FEES 4611 \$ \_\_\_\_\_  
 0410 RESEARCH FEES G16626 \$ \_\_\_\_\_  
 0408 MISC REVENUE: (IDENTIFY) G16460 \$ \_\_\_\_\_  
 TC162 DEPOSIT LIAB. (IDENTIFY) G14888 \$ 15000  
 0240 EXTENSION OF TIME G14678 each \$ \_\_\_\_\_

WATER RIGHTS:  
 0201 SURFACE WATER EXAM FEE \$ \_\_\_\_\_ RECORD FEE \$ \_\_\_\_\_  
 0203 GROUND WATER \$ \_\_\_\_\_ 0204 \$ \_\_\_\_\_  
 0205 TRANSFER \$ \_\_\_\_\_  
 WELL CONSTRUCTION:  
 0218 WELL DRILL CONSTRUCTOR EXAM FEE \$ \_\_\_\_\_ LICENSE FEE \$ \_\_\_\_\_  
 LANDOWNER'S PERMIT \$ \_\_\_\_\_ 0220 \$ \_\_\_\_\_

0200 OTHER (IDENTIFY) COBU (4) \$ 6000

**0536 TREASURY 0437 WELL CONST. START FEE**

0211 WELL CONST START FEE \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
 0210 MONITORING WELLS \$ \_\_\_\_\_ CARD # \_\_\_\_\_  
 OTHER (IDENTIFY) \_\_\_\_\_

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FW/WRD) \$ \_\_\_\_\_  
 0231 HYDRO LICENSE FEE (FW/WRD) \$ \_\_\_\_\_  
 HYDRO APPLICATION \$ \_\_\_\_\_

**TREASURY OTHER / RDX**

FUND \_\_\_\_\_ TITLE \_\_\_\_\_  
 OBJ. CODE \_\_\_\_\_ VENDOR # \_\_\_\_\_  
 DESCRIPTION \$ \_\_\_\_\_

RECEIPT: **104604** DATED: 12-5-11 BY: AR

Distribution - White Copy - Customer, Yellow Copy - Fiscal, Blue Copy - File, Buff Copy - Fiscal



# Oregon Water Resources Department

## Application for a Permit to Use Ground Water

Please type or print in dark ink. If your application is found to be incomplete or inaccurate, we will return it to you. If any requested information does not apply to your application, insert "n/a." Please read and refer to the instruction booklet when completing your application. Thank you.

541-493-2116

### 1. Applicant Information

#### A. Individuals

(If more than one person is applying, please attach a sheet providing the information below for each person applying.)

Name: ROOT Andy  
Last First MI

Mailing address: HC 73 174 HARNEY ROAD  
BURNS OR 97720  
City State Zip

Phone: 541-493-3645  
Home Work Other

\*Fax: \_\_\_\_\_ \*E-Mail address: \_\_\_\_\_

#### B. Organizations

(Corporations, associations, firms, partnerships, joint stock companies, cooperatives, public and municipal corporations)

Name of organization: \_\_\_\_\_

Name and title of person applying: \_\_\_\_\_

Mailing address of organization: \_\_\_\_\_  
City State Zip

Phone: \_\_\_\_\_  
Day Evening

\*Fax: \_\_\_\_\_ \*E-Mail address: \_\_\_\_\_

\*Optional information

For Department Use		
App. No. <u>614888</u>	Permit No. _____	Date <u>12/22/98</u>

**2. Location and Source**

The Department cannot process your application without accurate information showing the source of water and location of water use. You must attach a map to this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See page 3 in the instruction booklet for detailed map specifications. In addition, please provide the following information:

**A. County**

In what county is the use proposed? HARNEY

In what county is the appropriation point proposed? HARNEY

**B. River Basin**

(See instruction booklet pg.3 for list):

MALHEUR LAKE

**C. Property Ownership**

Do you own all the land where you propose to divert, transport, and use water?

- Yes (Skip to section 3 "Groundwater Development.")
- No Please check the appropriate box below, and on a separate sheet of paper list the names and addresses of all affected landowners.\*\*
  - I have a recorded easement or written authorization permitting access.
  - I do not currently have written authorization or easement permitting access.

\*\*If more than 25 landowners are involved, a list is not required. See page 4 in the instruction booklet for more details.

**3. Groundwater Development**

A. Number of wells: \_\_\_\_\_ B. Name of nearest surface water body \_\_\_\_\_

C. Distance from well(s) to nearest stream or lake: 1) \_\_\_\_\_

2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) \_\_\_\_\_

2) \_\_\_\_\_ 3) \_\_\_\_\_ 4) \_\_\_\_\_

**E. Well Characteristics**

Wells must be constructed according to standards set by the Department for the construction and maintenance of water wells. If the well is already constructed, please enclose a copy of the well constructor's log and the well ID number, if available, for each well with this application. Identify each well with a number corresponding to the wells designated on the map and proceed to question F in this section of the form. If the well has not been constructed, or if you do not have a well log, please complete the following:

1. Wells will be constructed by: TIM RILEY

Address: 12649 Hwy 20 W Hines, OR 97738

Completion date: 4-1-99

2. Please provide a description of your well development. (Attach additional sheets if needed.)

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Estimated depth to water	Est. depth to water-bearing stratum	Type of access port or measuring device	Total well depth
8	16"	Steel 16"-80'	80	-	37	43'	185'	2" P.Pe	405
9	14"	Steel 14"	120 <sup>+</sup>	-	25	30	90	2" P.Pe	450

**F. Artesian Flows**

If your water well is flowing artesian, describe your water control and conservation works:

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## 4. Water Use

Please read the instruction booklet for more details on "type of use" definitions, how to express how much water you need and how to identify the water source you propose to use. You must fill out a supplemental form for some uses as they require specific information for that type of use.

### A. Type(s) of Use(s)

(see list of beneficial uses in the instruction booklet):

- If your proposed use is **domestic**, indicate the number of households to be supplied with water: \_\_\_\_\_
- If your proposed use is **irrigation**, please attach Form I
- If your proposed use is **mining**, attach Form R
- If your proposed use is **municipal**, attach Form M
- If your proposed use is **commercial/industrial** or **quasi-municipal**, attach Form Q

### B. Amount of Water

Provide the production rate in gallons per minute (gpm) and the total annual amount of water you need from each well, from each source or aquifer, and for each use. You do not need to provide source information if you are submitting a well log with your application.

Well No.	Source or Aquifer	Type of Use	Total Annual Amount	Production Rate of the Well in gpm
8	See Log	IRRIGATION	375 ac FT	3600 GPM
9	Pumice 280	IRRIGATION	375 ac FT	1600 GPM

### C. Season of Use

Indicate the time of year you propose to use the water (for seasonal uses like irrigation give dates when water use would begin and end):

MARCH 1 To October 15

### D. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used:

246.4

## 5. Water Management

### A. Diversion

What equipment will you use to pump water from your well(s)?

- #8 - Turbin 100 HP*
- Pump (give horsepower and pump type) *#9 - Turbin 30 HP*
- Other means (describe) \_\_\_\_\_

### B. Transport

How will you transport water to your place of use?

- Ditch, canal (give average width and depth):  
Width \_\_\_\_\_ Depth \_\_\_\_\_  
Is the ditch or canal to be lined?  Yes  No
- Pipe (give diameter and total length) *10" = 3960'*  
Diameter(s) *10" & 8"* Length *8" = 4040'*
- Other (describe) \_\_\_\_\_

### C. Application/Distribution Method

What equipment will you use to apply water to your place of use?

Irrigation or land application method (check all that apply):

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Flood                                   | <input type="checkbox"/> High-pressure sprinkler | <input type="checkbox"/> Low pressure sprinkler         |
| <input type="checkbox"/> Drip                                    | <input type="checkbox"/> Water cannons           | <input checked="" type="checkbox"/> Center pivot system |
| <input type="checkbox"/> Hand lines                              | <input type="checkbox"/> Wheel lines             |   |
| <input type="checkbox"/> Siphon tubes or gated pipe with furrows |  |   |
| <input type="checkbox"/> Other, describe _____                   |  |   |

Distribution method

- In-line storage (tank or pond)  Direct pipe from source  Open canal

### D. Conservation

What methods will you use to conserve water? Why did you choose this distribution or application method? For example, if you are using sprinkler irrigation rather than drip irrigation, explain. If you need additional space, attach a separate sheet.

*The Pivot System is the most cost effective and best Method*

**6. Project Schedule**

Proposed date construction will begin 11-18-98

Proposed date construction will be completed 4-1-99

Proposed date beneficial water use will begin 4-15-99

**7. Remarks**

*If you would like to clarify any information you have provided in the application, please do so here and reference the specific application question you are addressing.*

E-2 Well # 8 is the Proposed well for Permit # G-13539

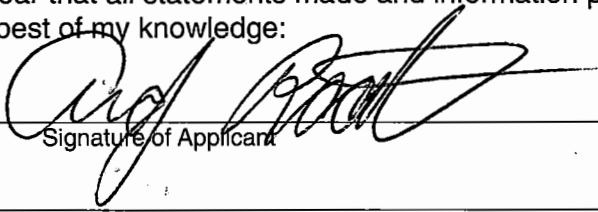
Well # 9 is Proposed To be drilled

**Signature**

By my signature below I confirm that I understand:

- I am asking to use water specifically as described in this application.
- Evaluation of this application will be based on information provided in the application packet.
- I cannot legally use water until the Water Resources Department issues a permit to me.
- If I get a permit, I must not waste water.
- If development of the water use is not according to the terms of the permit, the permit can be canceled.
- The water use is compatible with local comprehensive land use plans.
- Even if the Department issues a permit to me, I may have to stop using water to allow senior water right holders to get water they are entitled to, and

I swear that all statements made and information provided in this application are true and correct to the best of my knowledge:



Signature of Applicant

12/17/98  
Date

\_\_\_\_\_  
Signature of Co-applicant

Date

Before submitting this application, have you:

- Answered every question?
- Included a Land Use Information Form or receipt stub signed by a local official?
- Attached a legible map that meets all the necessary criteria?
- Included a check made out to WRD for at least the amount of the application fee?

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **32275**

158 12TH ST. N.E.  
SALEM, OR 97310-0210  
378-8455 / 378-8130 (FAX)

INVOICE # \_\_\_\_\_

RECEIVED FROM: Analysis Custom Work  
BY: \_\_\_\_\_

APPLICATION	9-14888
PERMIT	
TRANSFER	

CASH:  CHECK: #  96-7021 OTHER: (IDENTIFY)

TOTAL REC'D \$ 200.00

**0417 WRD MISC CASH ACCT**

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

**REDUCTION OF EXPENSE**

CASH ACCT.	\$
PCA AND OBJECT CLASS	
VOUCHER #	

**0427 WRD OPERATING ACCT**

<b>MISCELLANEOUS</b>			
0407	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)		\$
(New) TC162	DEPOSIT LIAB. (IDENTIFY)		\$
<b>WATER RIGHTS:</b>			
0201	SURFACE WATER	EXAM FEE	RECORD FEE
0203	GROUND WATER	\$	0202 \$
0205	TRANSFER	\$	0204 \$ <u>200.00</u>
<b>WELL CONSTRUCTION</b>			
0218	WELL DRILL CONSTRUCTOR	EXAM FEE	LICENSE FEE
	LANDOWNER'S PERMIT	\$	0219 \$
	OTHER (IDENTIFY)		0220 \$

*PLA 166/11*

**0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
	OTHER (IDENTIFY)		

**0539 LOTTERY PROCEEDS**

1302	LOTTERY PROCEEDS	\$
------	------------------	----

**0467 HYDRO ACTIVITY**

0233	POWER LICENSE FEE (FWWRD)	LIC NUMBER	\$
0231	HYDRO LICENSE FEE (FWWRD)		\$
	HRDRO APPLICATION		\$

RECEIPT # **32275**

DATED: 8-27-99 BY: Roger Whitfield

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **28264**

158 12TH ST. N.E.  
SALEM, OR 97310-0210  
378-8455 / 378-8130 (FAX)

INVOICE # \_\_\_\_\_

RECEIVED FROM: Andy's Custom Work  
BY: \_\_\_\_\_

APPLICATION	G-1428
PERMIT	
TRANSFER	

CASH:  CHECK: # 1967024 OTHER: (IDENTIFY)

TOTAL REC'D \$ 50.00

**0417 WRD MISC CASH ACCT**

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

**REDUCTION OF EXPENSE**

CASH ACCT.	\$
VOUCHER #	

**0427 WRD OPERATING ACCT**

<b>MISCELLANEOUS</b>			
0407	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)		\$
(New) TC162	DEPOSIT LIAB. (IDENTIFY)		\$

*PLA #66111*

**WATER RIGHTS:**

0201	SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203	GROUND WATER	\$ 50.00	0204	\$
0205	TRANSFER	\$	0206	\$
<b>WELL CONSTRUCTION</b>		EXAM FEE	<b>LICENSE FEE</b>	
0218	WELL DRILL CONSTRUCTOR	\$	0219	\$
	LANDOWNER'S PERMIT		0220	\$

OTHER (IDENTIFY) \_\_\_\_\_

**0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #	
0210	MONITORING WELLS	\$	CARD #	

OTHER (IDENTIFY) \_\_\_\_\_

**0539 LOTTERY PROCEEDS**

1302	LOTTERY PROCEEDS	\$
------	------------------	----

**0467 HYDRO ACTIVITY**

0233	POWER LICENSE FEE (FW/WRD)	LIC NUMBER	\$
0231	HYDRO LICENSE FEE (FW/WRD)		\$
	HRDRO APPLICATION		\$

RECEIPT # **28264**

DATED: 3-12-99 BY: Roger Wright

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **26815**

158 12TH ST. N.E.  
SALEM, OR 97310-0210  
378-8455 / 378-8130 (FAX)

INVOICE # \_\_\_\_\_

RECEIVED FROM: Analy's Custom Work  
BY: \_\_\_\_\_

APPLICATION	G-14888
PERMIT	
TRANSFER	

CASH:  CHECK: #  2422 OTHER: (IDENTIFY)

TOTAL REC'D \$ **550.00**

**0417 WRD MISC CASH ACCT**

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

**REDUCTION OF EXPENSE**

CASH ACCT.	\$
PCA AND OBJECT CLASS	VOUCHER #

**0427 WRD OPERATING ACCT**

0407	MISCELLANEOUS		\$
	COPY & TAPE FEES		\$
0410	RESEARCH FEES		\$
0408	MISC REVENUE: (IDENTIFY)		\$
(New) TC165	DEPOSIT LIAB. (IDENTIFY)		\$
(Existing) TC168			
0201	SURFACE WATER	EXAM FEE	RECORD FEE
0203	GROUND WATER	\$ 550.00	\$
0205	TRANSFER	\$	\$
	WELL CONSTRUCTION	EXAM FEE	LICENSE FEE
0218	WELL DRILL CONSTRUCTOR	\$	\$
	LANDOWNER'S PERMIT		\$
	OTHER (IDENTIFY)		

*PLA # 66111*

**0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
	OTHER (IDENTIFY)		

**0539 LOTTERY PROCEEDS**

1302	LOTTERY PROCEEDS	\$
------	------------------	----

**0467 HYDRO ACTIVITY**

0233	POWER LICENSE FEE (FW/WRD)	LIC NUMBER	\$
0231	HYDRO LICENSE FEE (FW/WRD)		\$
	HRDRO APPLICATION		\$

RECEIPT # **26815**

DATED 12-22-98

BY: Roger Wright

---

FILE#: G 14888

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OR 97720

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FILE#: G 14888

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OR 97720

---

FILE#: G 14888

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OR 97720

---

FILE#: G 14888

ANDY ROOT  
HC 73 174 HARNEY RD  
BURNS, OR 97720

---

C-03

G-14888  
13730

Andy Root

A: 7/30/00

C: 10/1/03



# Oregon

WATER RESOURCES  
DEPARTMENT

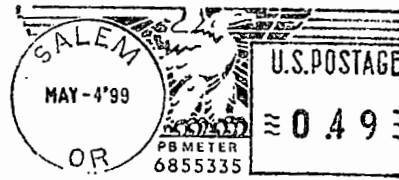
Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210

Address Service Requested



- Not Deliverable As Addressed
- Unable To Forward
- Insufficient Address
- Moved, Left No Address
- Unclaimed  Refused
- Attempted - Not Known
- No Such Street  Number
- Vacant  Illegible
- No Mail Receptacle
- Box Closed - No Order
- Returned For Better Address
- Postage Due

PRESORTED  
FIRST CLASS



1-1888

RECEIVED

MAY 10 1999

WATER RESOURCES DEPT.  
SALEM, OREGON

---

ACW, INC. DBA ANDY'S CUSTOM WORK

Water Resources Department  
5530 · License & Dues

4/22/10

18763  
500.00

**RECEIVED**

APR 26 2010

WATER RESOURCES DEPT  
SALEM, OREGON

ACW, INC. DBA ANDY'S CUSTOM WORK

Water Resources Department  
5530 License & Dues

4/22/10

18764  
500.00

**RECEIVED**

APR 26 2010

WATER RESOURCES DEPT  
SALEM, OREGON

**Oregon**

**WATER RESOURCES  
DEPARTMENT**

Commerce Building  
158 12th Street NE  
Salem, OR 97310-0210

Address Service Requested

*Well driller*

**Tim Riley**

12649 Hwy 20 W  
Hines, Oregon 97738

*PEO RETURNED*

- Not Deliverable As Addressed
- Unable To Forward
- Insufficient Address
- Moved, Left No Address
- Unclaimed  Refused
- Attempted - Not Known
- No Such Street  Number
- Vacant  Illegible
- No Mail Receptacle
- Box Closed - No Order
- Returned For Better Address
- Postage Due \_\_\_\_\_

PRESORTED  
FIRST CLASS



*Laura*

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A  
SALEM, OR 97301-4172  
(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **99792**

INVOICE # \_\_\_\_\_

RECEIVED FROM: Andy's custom work  
BY: \_\_\_\_\_

APPLICATION	6-14888
PERMIT	
TRANSFER	

CASH:  CHECK:# 415764 OTHER: (IDENTIFY)

TOTAL REC'D \$ 500.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407	COPIES	\$
_____	OTHER: (IDENTIFY)	\$
0243 I/S Lease	0244 Muni Water Mgmt. Plan	0245 Cons. Water

**4270 WRD OPERATING ACCT**

<b>MISCELLANEOUS</b> <u>46111</u>		
0407	COPY & TAPE FEES	\$
0410	RESEARCH FEES	\$
0408	MISC REVENUE: (IDENTIFY)	\$
TC162	DEPOSIT LIAB. (IDENTIFY)	\$
0240	EXTENSION OF TIME	\$ <u>500.00</u>
<b>WATER RIGHTS:</b>		
0201	SURFACE WATER	EXAM FEE \$
0203	GROUND WATER	\$ 0202
0205	TRANSFER	\$ 0204
<b>WELL CONSTRUCTION</b>		
0218	WELL DRILL CONSTRUCTOR	EXAM FEE \$
	LANDOWNER'S PERMIT	\$ 0219
_____	OTHER (IDENTIFY)	\$ 0220

**0536 TREASURY 0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
_____	OTHER (IDENTIFY)		

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233	POWER LICENSE FEE (FW/WRD)	\$
0231	HYDRO LICENSE FEE (FW/WRD)	\$
_____	HYDRO APPLICATION	\$

**TREASURY OTHER / RDX**

FUND _____	TITLE _____	
OBJ. CODE _____	VENDOR # _____	
DESCRIPTION _____		\$

RECEIPT: **99792**

DATED: 4-26-10 BY: [Signature]

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

RECEIPT # **32275**

158 12TH ST. N.E.  
SALEM, OR 97310-0210  
378-8455 / 378-8130 (FAX)

INVOICE # \_\_\_\_\_

RECEIVED FROM: Andy's Custom Work  
BY: \_\_\_\_\_

APPLICATION	9-14888
PERMIT	
TRANSFER	

CASH:  CHECK: #  96-7021 OTHER: (IDENTIFY)

TOTAL REC'D \$ 200.00

**0417 WRD MISC CASH ACCT**

ADJUDICATIONS	\$
PUBLICATIONS / MAPS	\$
OTHER: (IDENTIFY)	\$
OTHER: (IDENTIFY)	\$

**REDUCTION OF EXPENSE**

CASH ACCT.	\$
PCA AND OBJECT CLASS	VOUCHER #

**0427 WRD OPERATING ACCT**

<b>MISCELLANEOUS</b>			
0407	COPY & TAPE FEES	\$	
0410	RESEARCH FEES	\$	
0408	MISC. REVENUE: (IDENTIFY)	\$	
(New) TC162	DEPOSIT LIAB. (IDENTIFY)	\$	
<b>WATER RIGHTS:</b>			
0201	SURFACE WATER	EXAM FEE	RECORD FEE
0203	GROUND WATER	\$	0202 \$
0205	TRANSFER	\$	0204 \$ 200.00
<b>WELL CONSTRUCTION</b>			
0218	WELL DRILL CONSTRUCTOR	EXAM FEE	LICENSE FEE
	LANDOWNER'S PERMIT	\$	0219 \$
	OTHER (IDENTIFY)		0220 \$

*PCA # 66/11*

**0437 WELL CONST. START FEE**

0211	WELL CONST START FEE	\$	CARD #
0210	MONITORING WELLS	\$	CARD #
	OTHER (IDENTIFY)		

**0539 LOTTERY PROCEEDS**

1302	LOTTERY PROCEEDS	\$
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**0467 HYDRO ACTIVITY**

0233	POWER LICENSE FEE (FWWRD)	LIC NUMBER	\$
0231	HYDRO LICENSE FEE (FWWRD)		\$
	HRDRO APPLICATION		\$

RECEIPT # **32275**

DATED: 8-23-99 BY: Roger Wright