

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **108379**

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

INVOICE # _____

RECEIVED FROM: Andy's Custom Work
BY: _____

APPLICATION	<u>see below</u>
PERMIT	
TRANSFER	

CASH: CHECK.# 22279 OTHER: (IDENTIFY)

TOTAL REC'D \$ 1,000.00

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

MISCELLANEOUS

0407 COPY & TAPE FEES \$ _____ **4611**
0410 RESEARCH FEES \$ _____
0408 MISC REVENUE: (IDENTIFY) \$ _____

~~TC 162 DEPOSIT LIAB. (IDENTIFY)~~ **G-14678 - \$500.00**
0240 EXTENSION OF TIME **G-14888 - \$500.00** \$ 1000.00

** Original receipt in file G-14678*

WATER RIGHTS:

0201 SURFACE WATER \$ _____ 0202 \$ _____
0203 GROUND WATER \$ _____ 0204 \$ _____
0205 TRANSFER \$ _____

EXAM FEE	
\$ _____	0202
\$ _____	0204
\$ _____	
EXAM FEE	
\$ _____	0219
\$ _____	0220

RECORD FEE	
\$ _____	
\$ _____	

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR \$ _____ 0219 \$ _____
LANDOWNER'S PERMIT \$ _____ 0220 \$ _____

LICENSE FEE	
\$ _____	
\$ _____	

OTHER (IDENTIFY) _____

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: **108379**

DATED: 3-26-13 BY: B. Williamson

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



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

April 16, 2013

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Right Services Division has received your application for an extension of time for **APPLICATION FILE #:** G14888 (**Permit** G 13730). Your application will be reviewed in the future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

If you are interested in having your application reviewed sooner, you may pay to have your file processed immediately, using the Reimbursement Authority program, which is described at: http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml

You may continue the use of water under your water right until the Water Resources Department formally takes action on your extension application. If your permit includes conditions, water use reporting, water level measurement reporting, etc., you are required to comply with the conditions.

Any additional development that occurs after the expired completion date, identified on the permit or an extension order, can only be claimed upon an approved extension application.

If you have questions concerning your extension of time application, please contact Michele McAleer at (503) 986-0825. For general information about the Water Resources Department, you may contact the Water Resources' Customer Service Group at (503) 986-0801 or you may access the Department's website at: www.wrd.state.or.us.

Application # G-14888 Permit # G-13730
x Root 2/2

Public Notice Route Slip ... New Application Extension of Time
per Division 315 Rules... (Extensions received on July 1, 2001 or after)

◆ **WRIG...**

Money Received on: 3/26/13

◆ **Extension Specialist...**

Added to tracking spreadsheet MRM

After fee is receipted and app is added to spreadsheet, route to...

◆ **Codi Holmes...**

Publish on Public Notice (initial 30-day comment): Date of notice 4/16/13

Update WRIS Database

In the "PNotice Date" field... Enter the date the Extension Application was published on the Public Notice.

In the "Ext Filed" field... Enter the date the Extension Application was received.

Yes or No: Return file to Extension Specialist after PN _____

CLAIM OF BENEFICIAL USE for Permits claiming more than 0.1 cfs and All Transfers



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, Oregon 97301-1266
(503) 986-0900
www.wrd.state.or.us

A fee of \$150 must accompany this form to be accepted for permits with a priority date of July 9, 1987, or later. (ORS 536.050(1))

SECTION 1 GENERAL INFORMATION

1. File Information

APPLICATION # (G, R, S OR T) G-14888	PERMIT # (IF APPLICABLE) G-13730	PERMIT AMENDMENT # (IF APPLICABLE)
--	--	------------------------------------

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Andy Root		PHONE No. 541-493-3645	ADDITIONAL CONTACT No.	
ADDRESS HC 73 174 Harney Rd				
CITY Burns	STATE OR	ZIP 97720	E-MAIL	

If the current property owner is not the permit or transfer holder of record, it is recommended that an assignment be filed with the Department. **The COBU must be signed by the permit or transfer holder of record.**

3. Is the Property Owner the permit or transfer holder of record? YES
 Are there additional permit or transfer holders of record? NO

4. Date of Site Inspection: **September 14, 2011**

5. Person(s) interviewed and description of their association with the project:

NAME	DATE	ASSOCIATION WITH THE PROJECT
Andy Root	Sept 14, 2011	Owner/Permit Holder

6. County: **Harney**

7. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(4)):

**Mark "NA" if there are no owners of property not included in this claim

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OWNER OF RECORD NA			DEC 05 2011
ADDRESS			WATER RESOURCES DEPT
CITY	STATE	ZIP	SALEM, OREGON

Are there additional Owners of Record?

NO

SECTION 2**SYSTEM DESCRIPTION****A. Points of Diversion/Appropriation****1. Point of diversion/appropriation name or number:**

POINT OF DIVERSION/APPROPRIATION (POD/POA) NAME OR NUMBER (CORRESPOND TO MAP)	WELL LOG ID # FOR ALL WORK PERFORMED ON THE WELL (IF APPLICABLE)	WELL TAG # (IF APPLICABLE)
Well 8 HARN 50362	L21297	
Well 9 HARN 50392	L28434	
Well 10 HARN 51682	L102504	

Attach each well log available for the well (include the log for the original well and any subsequent alterations, reconstructions, or deepenings)

2. Point of diversion/appropriation source and, if from surface water, the tributary:

POD/POA NAME OR NUMBER	SOURCE	TRIBUTARY
Well 8	Rattlesnake Creek Basin	
Well 9	Rattlesnake Creek Basin	
Well 10	Rattlesnake Creek Basin	

3. Developed use(s), period of use, and rate for each use:

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE GAT = GRASS, ALFALFA & TRITICAL	SEASON OR MONTHS WHEN WATER WAS USED	RATE OR VOLUME FOR USE (CFS, GPM, OR AF)
Well 8	Irrigation	GAT	Apr 1 – Sep 30	6.2 cfs
Well 9	Irrigation	Grass & Alfalfa	Apr 1 – Sep 30	2.2 cfs
Well 10	Irrigation	Grass & Alfalfa	Apr 1 – Sep 30	2.8 cfs
Total Quantity of Water Used				3.0 cfs max.

4. Provide a general narrative description of the distribution works. This description must trace the water system from each point of diversion or appropriation to the place of use:

Water is alternately pumped from three wells to an interconnected irrigation system that can be isolated by shutting valves.

SECTION 2**SYSTEM DESCRIPTION (B through H)**

Are there multiple PODs or POAs?

YES

POD/POA Name or Number this section describes (only needed if there is more than one):

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Well 8 HARN 50362

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B. Place of Use NOTE:

1. Is the right for municipal use?

NO

TWP	RNG	MER	SEC	Q-Q	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22S	32.5E	WM	33	NE SW			IRR	30.0	
22S	32.5E	WM	33	NW SW			IRR	30.4	
22S	32.5E	WM	33	SW SW			IRR	29.3	
22S	32.5E	WM	33	SE SW			IRR	28.5	
Total Acres Irrigated								118.2	

C. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used?

YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
National		4260 10	Turbine	16"	10"

3. Motor Information

MANUFACTURER	HORSEPOWER
Marathon Electric	150

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a well, the water level during pumping	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
150	30	400 ft	0 ft	2.2

5. Provide pump calculations:

$$Q = \frac{7.04 \text{ ft}^3/\text{s}/\text{hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(150)}{476.2} = 2.2 \text{ cfs}$$

$$\text{Total Head} = 400 + 0 + 76.2 = 476.2 \text{ ft}$$

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)

Reminder: For pump calculations use the reference information at the end of this document.

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YES

7. Is the distribution system piped?

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
10 inch	4281 lf	Steel	Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
NA			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
#3 Valley 8000	1280 ft	30	800	1.78

12. Additional notes or comments related to the system:

All wells are interconnected to the same conveyance system and can be isolated by shutting valves. Well 8 supplies the meadow flood irrigation through 6 inch pipe and risers.

D. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

YES

2. Describe the access port (type and location) or other means to measure the water level in the well:

1" bolt out of NE side of casing

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
NA						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

5. Is the appropriation from a dug well (sump)?

NO

E. Storage

1. Does the distribution system include in-system storage (i.e. storage tank, bulge in system / reservoir) NO

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe? NO

G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? NO

H. Reservoir

1. Does the claim involve a reservoir modified through a transfer? NO
 Name or Number this section describes (only needed if there is more than one):

Well 9 HARN 50392

B. Place of Use

TWP	RNG	MER	SEC	Q-Q	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
22S	32.5E	WM	34	NW SE			IRR	32.2	
22S	32.5E	WM	34	NE SE			IRR	30.8	
22S	32.5E	WM	34	SW SE			IRR	31.0	
22S	32.5E	WM	34	SE SE			IRR	27.9	
Total Acres Irrigated								121.9	

1. Is the right for municipal use? NO

C. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used? YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
WDM	8.02		Turbine	14"	8"

3. Motor Information

Newman	75
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WR

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *If a WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
75	30	200 ft	0 ft	1.7

5. Provide pump calculations:

$$Q = \frac{7.04 \text{ ft}^3/\text{s}/\text{hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(75)}{301.2} = 1.7 \text{ cfs}$$

Total Head = 200 + 25 + 76.2 = 301.2 ft

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped?

YES

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
8 inch	1309 lf	Steel	Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
NA			

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
NA					

Reminder: For sprinkler output determination use the reference information at the end of this document.

11. Pivot Information

MANUFACTURER	MAXIMUM WETTED RADIUS	OPERATING PSI	TOTAL PIVOT OUTPUT (GPM)	TOTAL PIVOT OUTPUT (CFS)
Valley 8000	1300 ft	30	1000	2.2

12. Additional notes or comments related to the system:

Well 9 is connected to the entire irrigation system & can be isolated to Pivot 10.

D. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)?

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YES

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2. Describe the access port (type and location) or other means to measure the water level in the well:

1" bolt out of Pump base

3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
NA						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

5. Is the appropriation from a dug well (sump)? NO

E. Storage

1. Does the distribution system include in-system storage (i.e. storage tank, bulge in system / reservoir) NO

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe? NO

G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? NO

H. Reservoir

1. Does the claim involve a reservoir modified through a transfer? NO

Name or Number this section describes (only needed if there is more than one):

Well 10 HARN 51682

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B. Place of Use *NOTE: AREA OF USE IS THE SAME AS WELL 8*

1. Is the right for municipal use? NO

C. Diversion and Delivery System Information

Provide the following information concerning the diversion and delivery system. Information provided must describe the equipment used to transport and apply the water from the point of diversion/appropriation to the place of use.

1. Is a pump used? YES

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
Western			Turbine	14"	8"

3. Motor Information

MANUFACTURER	HORSEPOWER
Westinghouse life-line	150

4. Theoretical Pump Capacity

HORSEPOWER	OPERATING PSI	LIFT FROM SOURCE TO PUMP *IF A WELL, THE WATER LEVEL DURING PUMPING	LIFT FROM PUMP TO PLACE OF USE	TOTAL PUMP OUTPUT (IN CFS)
150	30	300 ft	0 ft	2.8

5. Provide pump calculations:

$$Q = \frac{7.04 \text{ ft}^4/\text{s}/\text{hp} \times \text{hp}}{\text{Total head, ft}} = \frac{(7.04)(150)}{376.2} = 2.8 \text{ cfs}$$

$$\text{Total Head} = 300 + 0 + 76.2 = 376.2 \text{ ft}$$

6. Measured Pump Capacity (using meter if meter was present and system was operating)

INITIAL METER READING	ENDING METER READING	DURATION OF TIME OBSERVED	TOTAL PUMP OUTPUT (IN CFS)

Reminder: For pump calculations use the reference information at the end of this document.

7. Is the distribution system piped? YES

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
8 inch	4463 lf	Steel	Buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
NA			

10. Sprinkler Information *NOTE: SAME AS WELL 8*

11. Pivot Information *NOTE: SAME AS WELL 8*

12. Additional notes or comments related to the system:

Well 10 was added to the permit to augment the system.

D. Groundwater Source Information (Well and Sump)

1. Is the appropriation from ground water (well or sump)? YES

2. Describe the access port (type and location) or other means to measure the water level in the well:

2" capped pipe out of east side of casing

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3. If well logs are not available, provide as much of the following information as possible:

CASING DIAMETER	CASING DEPTH	TOTAL DEPTH	COMPLETION DATE OF ORIGINAL WELL	COMPLETION DATES OF ALTERATIONS	WHO THE WELL WAS DRILLED FOR	WELL DRILLED BY
NA						

4. In addition to the information requested in item "3" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

5. Is the appropriation from a dug well (sump)? NO

E. Storage

1. Does the distribution system include in-system storage (i.e. storage tank, bulge in system / reservoir) NO

F. Gravity Flow Pipe

(THE DEPARTMENT TYPICALLY USES THE HAZEN-WILLIAM'S FORMULA FOR A GRAVITY FLOW PIPE SYSTEM)

1. Does the system involve a gravity flow pipe? NO

G. Gravity Flow Canal or Ditch

(THE DEPARTMENT TYPICALLY USES MANNING'S FORMULA FOR CANALS AND DITCHES)

1. Is a gravity flow canal or ditch used to convey the water as part of the distribution system? NO

H. Reservoir

1. Does the claim involve a reservoir modified through a transfer? NO

Name or Number this section describes (only needed if there is more than one):

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**SECTION 3
CONDITIONS**

Please pay special attention to this section. All conditions contained in the permit, permit amendment, transfer final order, or any extension final order shall be addressed. Reports that do not address all performance related conditions will be returned.

1. Time Limits:

Permits, transfer final orders, and any extension final orders contain any or all of the following dates; the date when the actual construction work was to begin, the date when the construction was to be completed, and the date when the complete application of water to the proposed use is to be completed by. These dates may be referred to as ABC dates. Describe how the water user has complied with each of the development timelines established in the permit, extension or transfer final order:

	DATE FROM PERMIT OR TRANSFER	DATE ACCOMPLISHED*	DESCRIPTION OF ACTIONS TAKEN BY WATER USER TO COMPLY WITH THE TIME LIMITS
ISSUANCE DATE	Sept 1, 1999		
BEGIN	July 30, 2000	1987	Construction of the entire irrigation

CONSTRUCTION (A)			system began prior to the A-Date
COMPLETE CONSTRUCTION (B)	Not mentioned	NA	NA
COMPLETE APPLICATION OF WATER (C)	Oct 1, 2003	2000	Construction of the entire system was completed prior to the extended C-Date

* MUST BE WITHIN PERIOD BETWEEN PERMIT, TRANSFER FINAL ORDER, OR ANY EXTENSION FINAL ORDER ISSUANCE AND THE DATE TO COMPLETELY APPLY WATER

2. Is there an extension final order(s)? YES

3. If for a transfer extension order, provide the following information:

VOLUME	PAGE	DATE EXTENDED TO
		Oct 1, 2011

4. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement? NO

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements? NO

6. Pump Test (Required for most ground water permits prior to issuance of a certificate)

a. Did the permit require the submittal of a pump test? YES

b. Has the pump test been previously submitted to the Department? NO

c. Is the pump test attached to this claim? NO

d. Has the pump test been approved by the Department? NO

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7. Measurement Conditions:

a. Does the permit, permit amendment, transfer final order, or any extension final order require the installation of a meter or approved measuring device? YES

b. Has a meter been installed? NO

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES

e. If "YES", provide a copy of the letter approving the device, if available. If the letter is not available provide the name and title of the Water Resources Department employee approving the measuring device, and the approximate date of the approval:

NAME	TITLE	APPROXIMATE DATE
Kris Byrd	Well Construction Specialist	3/07/2007

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED
Power meterage of pumps	NA	NA

8. Recording and reporting conditions

- a. Is the water user required to report the water use to the Department? **YES**
- b. Have the reports been submitted? **YES**

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID
Paper	28096

If the reports have not been submitted, attach a copy of the reports if available.

9. Fish Screening

- a. Are any points of diversion required to be screened to prevent fish from entering the point of diversion? **NO**

10. By-pass Devices

- a. Are any points of diversion required to have a by-pass device to prevent fish from entering the point of diversion? **NO**

11. Other conditions required by permit, permit amendment final order, extension final order, or transfer final order

- a. Were there special well construction standards? **NO**
- b. Was submittal of a ground water monitoring plan required? **NO**
- c. Was the water user required to restore the riparian area if it was disturbed? **NO**
- d. Was a fishway required? **NO**
- e. Was submittal of a letter from an engineer required prior to storage of water? **NO**
- f. Was submittal of a water management and conservation plan required? **NO**
- g. Other conditions? **NO**

If "YES" to any of the above, identify the condition and describe the water user's actions to comply with the condition(s):

The water user has reported water use in 2009-2010 and 2010-2011 water years.

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SECTION 4 VARIATIONS

Include a description of variations from the permit, permit amendment final order, extension final order, or transfer final order. (i.e. *"The permit allowed three points of diversion. The water user only developed one of the points."* or *"The permit allowed 40.0 acres of irrigation. The water user only developed 10.0 acres."*)

Well 10 was added by permit amendment. The permit allows 246.4 acres irrigation. The water user is only irrigating 240.1 acres.

SECTION 5 ATTACHMENTS

If you are attaching any documents to this report, provide a list:

ATTACHMENT NAME	DESCRIPTION
Well Logs	HARN 50362, HARN 50392 & HARN 51682
Aerial imagery	USDA FSA 2011 Aerial imagery

SECTION 6 CLAIM SUMMARY

POD / POA NAME OR #	MAXIMUM RATE AUTHORIZED	CALCULATED THEORETICAL RATE BASED ON SYSTEM	AMOUNT OF WATER MEASURED*	USE	# OF ACRES ALLOWED	# OF ACRES DEVELOPED
Well 8	3.08 cfs**	2.1 cfs	6.2 cfs	IRR	120.8	118.2
Well 9	3.08 cfs**	2.3 cfs	2.2 cfs	IRR	125.6	121.9
Well 10	3.08 cfs**	2.8 cfs		IRR		

*MEASUREMENT TAKEN FROM 2009 – 2010 WATER USE REPORT.

**COMBINED TOTAL FLOW FROM THREE WELLS.

SECTION 7 CLAIM OF BENEFICIAL USE MAP

The Claim of Beneficial Use Map must be submitted with this claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320 feet, 1" = 400 feet, or the original full-size scale of the county assessor map for the location.

Provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the aerial photo identification number.

The wells, pumps, conduit & sprinklers were tied by GPS Rapid static methods to approximate GLO section lines and compared to recent aerial imagery.

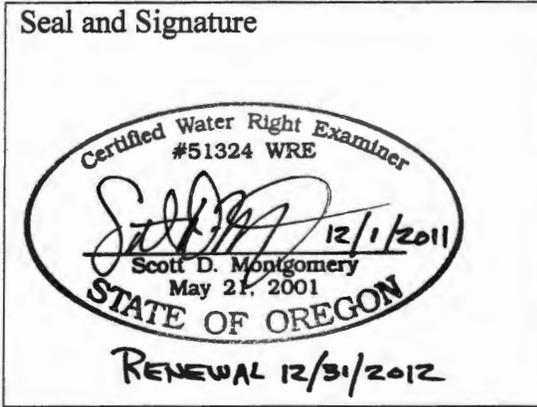
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**SECTION 8
SIGNATURES**

CWRE Statement, Seal and Signature

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.



CWRE NAME Scott D. Montgomery		PHONE No. 541-548-5833	ADDITIONAL CONTACT No. 541-420-0401
ADDRESS PO Box 767			
CITY Terrebonne	STATE OR	ZIP 97760	E-MAIL scott@apeands.com

Permit or Transfer Holder's of Record Signature or Acknowledgement

The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge. I request that the Department issue a water right certificate.

SIGNATURE	PRINT OR TYPE NAME	DATE
<i>Andy Root</i>	Andy Root, Owner/Permit Holder	11-30-11

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WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765 & OAR 690-205-0210)

12-22-2009

WELL LABEL # L 102504

WELL #10

START CARD # 1008916

(1) LAND OWNER Owner Well I.D. Twin Sheds
First Name Andy Last Name Root
Company Rattlesnake Ranch
Address 524 N Hwy 20
City Burns State or Zip 97720

(2) TYPE OF WORK [X] New Well [] Deepening [] Conversion
[] Alteration (repair/recondition) [] Abandonment

(3) DRILL METHOD
[X] Rotary Air [] Rotary Mud [] Cable [] Auger [] Cable Mud
[] Reverse Rotary [] Other

(4) PROPOSED USE [] Domestic [X] Irrigation [] Community
[] Industrial/ Commercial [] Livestock [] Dewatering
[] Thermal [] Injection [] Other

(5) BORE HOLE CONSTRUCTION Special Standard [] (Attach copy)
Depth of Completed Well 410.00 ft.

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs. Row 1: 16, 0, 18, Bentonite, 0, 18, 30, S.

How was seal placed: Method [] A [] B [] C [] D [] E

[X] Other poured dry and tam

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: [] Yes Type Amount

(6) CASING/LINER Table with columns: Casing, Liner, Dia, From, To, Gauge, Stl, Plstc, Wld, Thrd. Row 1: 12, 2, 80, .250.

Shoe [] Inside [] Outside [] Other Location of shoe(s)

Temp casing [] Yes Dia From To

(7) PERFORATIONS/SCREENS
Perforations Method
Screens Type Material

Table with columns: Perf/S, Casing/Screen, Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size.

(8) WELL TESTS: Minimum testing time is 1 hour
[] Pump [] Bailor [X] Air [] Flowing Artesian

Table with columns: Yield gal/min, Drawdown, Drill stem/Pump depth, Duration (hr). Row 1: 500, 100, 1.

Temperature 58 °F Lab analysis [] Yes By

Water quality concerns? [] Yes (describe below)

Table with columns: From, To, Description, Amount, Unit.

(9) LOCATION OF WELL (legal description)
County Harney Twp 22.00 S N/S Range 32.50 E E/W WM
Sec 35 SW 1/4 of the NE 1/4 Tax Lot 2200
Tax Map Number Lot
Lat 0 ' or DMS or DD
Long 0 ' or DMS or DD
[] Street address of well [X] Nearest address

72163 Rattlesnake Road

(10) STATIC WATER LEVEL
Existing Well / Predeepening Date SWL(psi) + SWL(ft)
Completed Well 12-04-2009 [X] 60
Flowing Artesian? [] Dry Hole? []

WATER BEARING ZONES Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft). Row 1: 12-04-2009, 60, 410, 500, 60.

(11) WELL LOG Table with columns: Material, From, To. Includes 'RECEIVED FEB 08 2010 WATER RESOURCES DEPT SALEM, OREGON'.

Date Started 12-02-2009 Completed 12-04-2009

(unbonded) Water Well Constructor Certification
I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards.

License Number Date
Electronically Filed
Signed

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above.

License Number 1424 Date 12-22-2009
Electronically Filed
Signed TIMOTHY K RILEY (E-filed)
Contact Info (optional)

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WATER RESOURCES DEPT SALEM, OREGON

HAKN
50392

FEB 26 1999

WELL 9

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

WATER RESOURCES DEPT.
SALEM, OREGON

WELL I.D.# L E28434
START CARD # 114685

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

(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 425 ft.
Explosives used Yes No Type _____ Amount _____

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
18	0	18	cement	0	18	20 sacks
14	18	425				

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:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
	14	+1	78	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"/>

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tubing size	Material	Casing	Liner
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<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"/> Boiler	<input type="checkbox"/> Air	Flowing
Yield gal/min	Drawdown	Drill stem at	<input type="checkbox"/> Artesian
750	180	200	<input checked="" type="checkbox"/>

Temperature of water 55 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 34 SE 1/4 SE 1/4
Tax Lot 2400 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Cow Creek Rd

(10) STATIC WATER LEVEL:
20 ft. below land surface. Date 2-20-99
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:
Depth at which water was first found 30

From	To	Estimated Flow Rate	SWL
30	55	50	18
90	405	750	20

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
topsoil	0	1	
clay brn	1	4	
sand med	4	10	
clay brn	10	22	
clay blk	22	30	
sand/clay, blk	30	38	18
clay grey	38	44	18
sand med	44	55	18
clay grey	55	72	18
clay green	72	90	18
claystone green soft	90	150	20
clay grey	150	170	20
clay, green/claystone	170	285	20
pumice grey	285	300	20
conglomerate brn	300	365	20
broken rock /clay	365	405	20
clay brn (sticky)	405	425	20

Date started 2-4-99 Completed 2-20-99

(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 2-23-99

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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WATER RESOURCES DEPT

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Harm 50362

WELL 8

STATE OF OREGON WATER SUPPLY WELL REPORT NOV 23 1998 (as required by ORS 537.765)

WELL ID #1 1-21297 START CARD 116579

Instructions for completing this report are at WATER RESOURCES DEPT.

(1) OWNER: SALEM, OREGON 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) BOREHOLE CONSTRUCTION: Special Construction approval Yes No Depth of Completed Well 405 ft. Explosives used Yes No Type Amount

Table with columns: HOLE Diameter, From, To, Material, SEAL From, To, Sacks or pounds. Row 1: 16, +1, 150, cement, 0, 37, 8 yards. Row 2: 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: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 16, +1, 80, 250. Liner: (empty)

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

Table with columns: From, To, Slot size, Number, Diameter, Tube/pipe size, Casing, Liner. (Empty rows)

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

Table with columns: Pump, Bailer, Air, Flowing Artesian, Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 3600, 77, 120, 1 hr.

Temperature of water 58 Depth Artesian Flow Found Was a water analysis done? Yes No 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 32

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 32, 65, 100, 32. Row 2: 185, 405, 3600, 43

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Rows: clay loam topsoil (0-1), clay brn (1-20), sand clay brn (20-32), clay grey (32-60), clay grey(caving) (60-65), clay grey (65-105), clay green (105-185), claystone green (185-190), clay green (190-196), pumice/sand (196-215), clay green (215-226), pumice grey (226-237), clay green (237-244), claystone green (244-250), pumice grey (250-262), clay green/claystone (262-276), clay green sticky (276-292), claysonte green (292-314), sandstone red no cuttings (314-365), sandstone clay red (365-405)

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

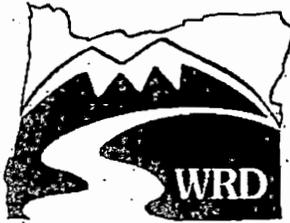
(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. WWC Number 1424 Signed Timothy K. Riley Date 11-18-98

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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WATER RESOURCES DEPT SALEM OREGON

Completion Checklist for CWRE Claims of Beneficial Use

Application # 577888

Date Received 12/5/2011
CWRE Name Scott Montgomery Claim Logged yes
File Marked yes
Oversized Map # 0636
Read the file and attach a copy of the permit or transfer final order. _____

Map Review:

- Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
- Application & permit #; or transfer # (OAR 690-014-0100(1))
- Disclaimer (OAR 690-014-0170(5))
- North arrow (OAR 690-310-0050(2)(c))
- CWRE stamp and signature (OAR 690-014 & 310-0050)
- Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
- Township, range, section, and tax lot numbers (OAR 690-310-0050(4))
- Source illustrated if surface water (OAR 690-014-0170(3))
- Point(s) of diversion or appropriation (illustrated) (OAR 690-014(4) & 690-310-0050)
- Point(s) of diversion or appropriation (coordinates) (OAR 690-014(4) & 690-310-0050)
- Conveyance structures illustrated (pump, pipelines, ditches, etc.) (OAR 690-310-0050)
- Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass devices, and measuring devices required (OAR 690-014(4))
- Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each subdivision; if for domestic or human consumption, location of dwelling or spigot) (OAR 690-310-0050, 690-014, 690-380-6010)

Report Review:

- On form or format provided by the Department (OAR 690-014-0100(1))
- Application & permit #; or transfer # (OAR 690-014)
- Ownership information (OAR 690-014)
- Date of survey (OAR 690-014)
- Person interviewed (OAR 690-014)
- County (OAR 690-014)
- Tax lot information (OAR 690-014)
- Description of conveyances system (from POD to POU) (OAR 690-014-0100)
- Source(s) of water (OAR 690-014-0100)
- Point of diversion/appropriation location (OAR 690-014-0100)
- Use, period of use, and rate for use (OAR 690-014-0100)
- Place of use location (OAR 690-014-0100)
- Type of use (OAR 690-014-0100)
- Extent of use (OAR 690-014-0100)
- Rate and Duty (OAR 690-014-0100)
- Diversion rate for each use (OAR 690-014-0100)
- Diversion works description (pump make, serial model, capacity, and description) (OAR 690-014-0100)
- System capacity (OAR 690-014-0100)
 - Calculated capacity of system (required)
 - Measured amount of use (optional)
- Permit/Transfer Final Order Conditions (OAR 690-014-0100)
 - Time limits
 - Initial water level measurements
 - Annual static water level measurements
 - Measurement, recording, and reporting
 - Meter/measuring device
 - Water use reporting
 - Fish screening and/or by-pass
 - Pump test (ground water)
 - Other conditions
- CWRE stamp and signature (OAR 690-014-0100)
- Signature(s) of permittee or transfer holder (OAR 690-014-0100)

DEF = deficient

N/A = Not Applicable

Certificate Issuance Processing Checklist

- Map and COBU reviewed
- Conflict check (include copy of plat card printout) Any Conflicts? _____
- Check for ownership

Staff Recommendations:

- _____ Proof to the Satisfaction has been established to the full extent as described in the permit or transfer order.
- _____ Proof to the Satisfaction has been not been established to the full extent as described in the permit or transfer order and the right should be limited as follows: _____
- _____ Proof to the Satisfaction has not been established for the following reasons: _____
Proposed Actions:
Send letter requesting the following items/information: _____
Send letter recommending extension to cure deficiencies: _____

Can certificate be processed further?

_____ Yes

If "Yes":

_____ Proposed
_____ Final

Certificate # _____

Mailing list:

Proposed:

Final:

Point of Diversion Characteristics

Right:	Permit: G 13730 *
Name:	ANDY ROOT

TRSOO: 22.00S-32.50E-32-NENE

County: Harney

Basin: Malheur Lake

WM District: 10

WM Region: E

Withdrawn Area:

WAB: RATTLESNAKE CR > NINEMILE SL - AT MOUTH (31200104)

Priority WAB:

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way:

Division 33: STATEWIDE

Water Quality Limited:

TRSOO: 22.00S-32.50E-34-SWSE

County: Harney

Basin: Malheur Lake

WM District: 10

WM Region: E

Withdrawn Area:

WAB: MALHEUR SL > MALHEUR L - AB NINEMILE SL (31200107)

Priority WAB:

Rule 4D:

Groundwater Restricted Area:

Scenic Water Way:

Division 33: STATEWIDE

Water Quality Limited:

9-B) **The financial resources needed to develop the project precluded completion of the project within authorized time frames.**

We plan to install the 3 flow meters & amend the permit to add well 10 in the next 5 years.

9-C) **Good faith attempts to comply with permit conditions and/or acquire permits from other agencies, or otherwise comply with government regulations, delayed completion of the project.**

9-D) **Acts of God or other unforeseen events delayed full development of the water system and use of water within the authorized time frames.**

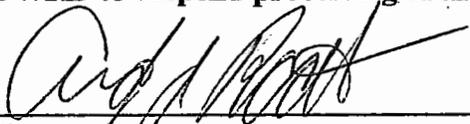
10. **Justify the time requested to complete the project and/or apply the water to full beneficial use.** Your justification should combine information from your answers from Questions 2-B, 7, 8, and 9 of this Application for Extension of Time, and should also include any other information or evidence to establish that the requested amount of time is sufficient and that you will be able to complete the project within the amount of time requested.
We need time to amend the permit to add Well 10 and install flow meters

[OAR 690-315-0020(3)(k)]

11. **Provide any other information you wish OWRD to consider while evaluating your Extension of Time Application.**

This permit is tied indirectly to G-13539

I am the permit holder, or have written authorization from the permit holder (attached to this Extension of Time Application), to apply for an extension of time under this permit. I understand that false or misleading statements in this extension application are grounds for OWRD to suspend processing of the request and/or reason to deny the extension.



Signature

MAR 25 2013

Date

Last Revised 11/19/2012

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MAR 26 2013

MAR 26 2013

SALEM, OR

If a Permit Amendment Application has been filed: Transfer No. T-_____

Well #10: Actual location: SW of the NE of SW1/4, NE1/4 Section 33, T22S R32.5E, W.M. 2605' south & 750' east from north 1/4 corner, sec 33

[OAR 690-315-0020(3)(e)(C)]

6. Provide the total number of acres irrigated to date under this permit (if applicable).

Total acres irrigated to date: 240.1

Ground Water Permits: Please specify which wells are being utilized for this irrigation.

Well #8 Acres 118.2

Well #9 Acres 121.9

[OAR 690-315-0020(3)(j)]

7. Provide a summary of your future plans and schedule to complete the construction of the water system, and/or apply water to full beneficial use under the terms and conditions of the permit.

CHART-F

APPROXIMATE DATE RANGE (projected)	WORK OR ACTION TO BE ACCOMPLISHED (projected)	ESTIMATED COST (projected)
2013-2015	Permit Amendment to add Well 10	\$5000.00
2013-1018	Install flow meters on Wells 8, 9, & 10	\$5000.00
Year:	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
Total Cost		\$10,000.00

[OAR 690-315-0020(3)(g)]

8. Estimated remaining cost to complete the project: \$10,000.00
(The total cost from CHART-F)

[OAR 690-315-0020(3)(h)]

9. List the reasons why the project was not constructed, and/or water was not beneficially used within permit time limits. Provide supporting information for the reason(s) that best fits your circumstances (A, B, C or D).

9-A) The project is of a size and scope that was originally planned to be phased in over a time frame longer than the one allowed in the permit.

This project is tied together with the project for permit G-13539, which over 1600 acres of irrigation.



TIP: Report the rate in the same units of measurement as specified in the permit.

Maximum rate used to date = _____ cfs (cubic feet per second) or,

Maximum rate used to date = _____ gpm (gallons per minute) or,

Acre-feet stored to date = _____ AF

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MAR 26 2013

5-B) For Ground Water Permit Extensions (e.g. G-XXXX):



TIP: Include information from ALL wells that pertain to this permit, including drilled wells not currently used.

SALEM, OR

CHART-E

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED					If yes, provide the Permit, Certificate, or Transfer No.
			Well Log Number e.g. MORR 50473	Well Tag Number e.g. # 27566 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment? (See 5-C below)	Maximum instantaneous rate used from this well -- under this permit only (CFS or GPM)	Is this well authorized or utilized under any OTHER water rights?	
Well 8	8	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HARN 50362	21297	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	G-13730
Well 9	9	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HARN 50362	21297	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Well 10	10	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HARN 51682	102504	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Total instantaneous rate from all wells utilized under this permit								

5-C) If the drilled location of a well is not authorized on this permit, please specify its location below, or provide a map showing its location. Has or will a permit amendment application been/be filed? Yes No

MAR 26 2013

CHART-D

DATE	WORK ACCOMPLISHED DURING THE LAST EXTENSION PERIOD <i>List all work done during the last authorized extension period.</i>	SALEM, OR COST*
10/1/2002	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
4/22/11	Extension order issued	
7/19/11	Hired All Points Engineering to assist	
10/1/	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	

CHART-D (Continued)

DATE	WORK ACCOMPLISHED AFTER THE LAST EXTENSION PERIOD EXPIRED <i>List all work done after the last authorized date for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
Total Cost of Chart-D		

* If exact cost is not known, you must provide your best estimate.

[OAR 690-315-0020(3)(f)]

4. **Cost of project to date:** 270,400.00
(The total combined cost from CHART-C and CHART-D)

[OAR 690-315-0020(3)(e)(B)]

5. **Provide evidence of the maximum rate (or duty, if applicable) of water diverted for beneficial use under this permit and/or prior extensions of time (if any) made to date.**
Wells 8 & 9 have the ability to pump 4000 gpm or 8.9 cfs from reported water use reports.



TIP: Report the rate used to date. Unless full beneficial use has been made, this rate will be less than the rate authorized on the permit.

5-A) **For Surface Water Permit Extensions (e.g. S-XXXX or R-XXXX):**

MAR 26 2013

SALEM OR
[OAR 690-510-020(3)(e)]

3. Provide evidence of physical progress made toward completion of the water system, and of progress made toward making beneficial use of water within the permitted time period (CHART-C); and if applicable, within the time period of the most recent extension granted (CHART-D).

3-A) CHART-C (below) must be completed for all Application for Extension of Time requests. Use chronological order.

CHART-C

DATE	WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List any work done before the permit was issued – eg. well drilled.</i>	COST*
10/19/98	Well 8 constructed	30,000
2/20/99	Well 9 constructed	30,000

DATE	WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED <i>and PRIOR TO DATE SPECIFIED IN PERMIT FOR COMPLETE APPLICATION OF WATER</i> <i>List work/actions done during the permitted time period.</i>	COST*
09/01/99	Date the permit was signed - find date above signature on last page of permit.	
12/22/09	Well 10 constructed	34,850
07/30/00	Date the permit specified "Actual Construction Work" shall begin ("A-Date") -not all permits contain this date.	
2000	Installed pumps, meters, mainline	61,450
2000	Installed pivots #3 and #10	113,600
2003	All work was completed and water used	
10/1/2003	Date the permit specified complete application of water to the use shall be made ("C-Date") - all permits contain this date.	

CHART-C (continued)

DATE	WORK ACCOMPLISHED AFTER "C-DATE" <i>COMPLETE ONLY IF THIS IS YOUR 1st APPLICATION FOR EXTENSION OF TIME: List work done after the date specified in the permit for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
12/22/09	Well 10 constructed	34,850
2/10/10	Applied for transfer	0
4/26/10	Applied for extension	\$500.00
Total Cost for Chart-C		

* If exact cost is not known, you must provide your best estimate.

3-B) If this is not your 1st Application for Extension of Time request, fill out CHART-D below (in addition to CHART-C above). Use chronological order.

2. Permits typically contain standard or special conditions that must be satisfied to lawfully develop and use permitted water. In the development of this water right, have you satisfied the conditions contained in your permit? Yes No

2-A) Describe how you have complied with each condition contained in the original permit [and, if applicable, each condition contained in any order approving a permit amendment and/or a final order approving a prior extension of time]. Include the date when the condition was satisfied.



TIP: The instruction sheet for the Application for Extension of Time provides an explanation of the typical conditions that must be addressed in this question.

CHART-A

Condition No.**	Date Satisfied	Describe How Permit Condition Has Been Satisfied
1	2003	Flow meters installed
2	2009-present	Dedicated Electronic Metering
3	2009-present	Water Use reports submitted to OWRD.
4	10/19/98	Well 8 was finished
5	2/20/99	Well 9 was finished

** Condition No: Hand-number each condition on a copy of your permit (and, if applicable, permit amendment and prior extension). Include a copy of your hand-numbered permit with the application.

2-B) If you have NOT complied with all applicable conditions, explain the reasons why and indicate with a date certain (in the near future) when compliance will occur.

CHART-B

Condition No.**	Date Will Comply	Explain Why Each Permit Condition Has NOT Been Satisfied

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** Condition No: Hand-number each condition on a copy of your permit (and, if applicable, permit amendment and prior extension). Include a copy of your hand-numbered permit with the application.

are evaluated under OAR Chapter 690, Division 315. These rules may be viewed at:
<http://www.wrd.state.or.us/OWRD/LAW/index.shtml>.

- You may provide OWRD with any additional information or evidence that will aid us in making our decision. Please note that OWRD may require other information that is necessary to evaluate the application. OAR 315-0020(3)(n).
- After careful review of the Application for Extension of Time, you may contact OWRD at (503) 986-0900, to ask questions and request assistance from a Permit Extensions Specialist in the Water Rights and Adjudications Division.
- Once an Application for Extension of Time is received by OWRD, it will be reviewed for completeness. OWRD will return any incomplete or deficient applications to the applicant. OAR 690-315-0040(1)(a).

Reference Materials Needed to Complete this Application:

- The water right permit. If needed, a copy of the water right permit can be downloaded from the Department's Website at <http://www.wrd.state.or.us> (find the link to the Water Rights Information System (WRIS)). Or, a copy of the permit (or other documents) may be requested by water right application number from the Water Rights Division at 503-986-0900 (copy fees will apply).
- Documentation which demonstrates compliance with permit conditions (for example, well construction logs; static water level measurement reports; annual water use reports; ODFW fish screen certification; a plan to monitor the effect of water use on ground water aquifers utilized under the permit; etc.).

Answer the Following Questions to Complete this Application for Extension of Time

[OAR 690-315-0020(3)(d)]

1. **Did the actual construction of the water system/well drilling begin within the time specified in the permit?** Yes No



TIP: *Not all permits specify a date by which construction was to begin.*

Date construction began is: July 30, 2000

Details of construction: Construction of the entire irrigation system began before A-Date

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Before submitting your Application for Extension of Time, make sure the following items are included:

- This completed Application for Extension of Time.
- Statutory fee of \$500.
- Signature page (last page of this Application for Extension of Time).
- All supporting documentation and/or evidence referenced in the Application for Extension of Time.

MAIL COMPLETED APPLICATION

along with the

\$500 STATUTORY FEE TO:

**Water Resources Department
Attn: Water Right Permit Extensions
725 Summer Street NE, Suite A
Salem, Oregon 97301**

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GENERAL TIPS:

- Permit holders of municipal or quasi-municipal water use permits DO NOT use this form. The correct form is *Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits*, available at the following link:
<http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml#other>
- Request the reasonable amount of time necessary to fully complete the water construction project and/or to fully use the permitted quantity of water under the terms and conditions of your permit. Should this request be approved, it will be OWRD's expectation that you will complete your project within the new time period allowed. Future extensions may not be granted.
- A separate Application for Extension of Time must be submitted for each permit. OAR 690-315-0020(2).
- An instruction sheet (Instructions for Filling Out Extension of Time Application for Permits) provides details that will help you answer each question on the application. Permit extensions



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301
 (503) 986-0900
 www.wrd.state.or.us

Application for Extension of Time for a Water Right Permit (Non-Municipal / Non-Quasi-municipal Water Use)

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

*A separate extension application must be submitted for each permit as per
 OAR 690-315-0020(2).*

*This application and a summary of review criteria and procedures that are generally applicable to this
 application are available at <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml>.*

I, Andy Root

NAME OF PERMIT HOLDER [OAR 690-315-0020(1) and (3)(a)]

HC 73 174 Harney Rd
 ADDRESS

CITY Burns

STATE OR

ZIP 97720

541-493-3645
 PHONE

E-MAIL ADDRESS

the permit holder of:

Application Number G-14888

Permit Number G-13730
 [OAR 690-315-0020(3)(b)]

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do hereby request that the time in which to:

complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which time now expires on October 1, 2011, be extended to October 1, 2018,

N/A (Check this box if the permit does not specify a date by when construction must be completed.)

and/or the time in which to:

apply water to full beneficial use under the terms and conditions of the permit, which time now expires on October 1, 2011, be extended to October 1, 2018.

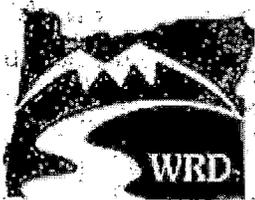
2) It appears that this application was applied for because a separate application for extension of time must be submitted for each permit affected. It requests time to complete the same permit amendment mentioned above, and also to install the new flow meters on the three wells listed under this permit, and nothing else.

The same rules apply, in that no additional water may be developed beyond what has been authorized in the existing permits, and it cannot be obtained through a permit amendment either. He could amend the acres irrigated, but only if he can make beneficial use of the same amount of water already authorized.

I'm sorry this was so lengthy, but hopefully I've completely addressed all of your concerns. I will also add your names to the mailing list for the final order, so that you each receive a copy at the time it is issued. Please let me know if you have any other concerns or questions. I hope this has been helpful.

Have a great weekend - Michele

Michele McAleer
Adjudication & Extension Specialist
(503) 986-0825



Oregon Water Resources Dept
725 Summer St NE, Suite A
Salem, OR 97301-1266
front desk (503) 986-0900
fax (503) 986-0901
<http://oregon.gov/OWRD>

"As we express our *gratitude*, we must never forget that the highest appreciation is not to utter words, but to live by them." - *John F. Kennedy*

Michele McAleer

From: Michele McAleer
Sent: Thursday, May 23, 2013 3:49 PM
To: 'Thad Hillman'; highdeserthair@hotmail.com
Cc: JR Johnson; Babe Hawk
Subject: Extension of Time Requests for Andy Root, Applications G-14678(Permit G-13539) and G-14888 (Permit G-13730) ~~Response to Comments~~

Hello Margaret and Thad -

I hope you don't mind that I'm sending this to both of you, since you have both requested information and provided comments on the same applications, along with Lavonne, and Shirley. All of your comments and concerns will be placed in the file. This way I can get out more information to all of you quickly, and hopefully address all of your concerns.

As for Application G-14678:

- 1) This application for an extension of time indicates that the wells are all existing, being the eight permitted wells, and one additional, which was drilled in 2009.
- 2) For the additional well, is will be applying for a permit amendment so that it is added to the permit, and part of his request for time is for the amendment to be processed.
- 3) The addition of one well, or point of diversion, does not change the amount of water allowed in the existing permit, nor could any additional water, beyond the limit of his current permit, be allowed.
- 4) The second reason for his extension is to request additional time to modify the required plan to monitor and report the impact of water use under this permit on water levels within the aquifer it develops. He has submitted a plan, as required in his permit, which was amended with regard to timing of measurements. I don't have copies of the plan, but our water use reporting and monitoring is all done by Shawn Turner, 503-986-0822, and Karl Wozniak, 503-986-0843. Either one should be able to answer any questions about the plan as currently proposed, and if they are seeking changes to it, and what those would be.
- 5) One other item, the actual construction portion, is that he is requesting time to complete the installation of electronic flow meters. The wells do currently have dedicated electric meters, and he has been reporting water use and levels to the Department, but the electronic flow meters are being added.

To answer Thad's question about digging any of the wells deeper, installation of larger pumps for greater volume, or digging additional wells - the answer is NO to all, according to this application. He makes no mention of intent to do any of those things, and water use in excess of what is currently permitted is not allowed.

- Should you find any change in volume of water available to you, or in the quality of water, you may contact the watermaster's office immediately, as his permits are conditioned - as all permits are - to protect senior water right holders such as yourself.

And for Margaret, LaVonne, and Shirley - Please call Shawn Turner, or Karl Wozniak, at any time, and they can provide you with information regarding the water use and levels that have been reported. As for our public notice, you might bookmark our home page, at www.wrd.state.or.us, so that you can check for any new activities of concern in your area at any time. The information is available 24/7 online, and contains public notice issued every Tuesday morning, going back quite a long time. If you want anything earlier, just call, and we will obtain it for you.

Regarding application G-14888:

- 1) This extension of time pertains to Well 8, 9, and 10, all of which are constructed (and included in the above mentioned permit - they aren't in addition to those listed above)

Michele McAleer

From: Thad Hillman <twhillman@live.com>
Sent: Wednesday, May 15, 2013 7:44 PM
To: Michele McAleer
Subject: App. File # G-14678 & G-14888

Importance: High

Categories: Pending Research

Hello Michele....My name is Thad Hillman and have property on S Hiway 20 and S.Harney Rd... It was brought to my attention that Andy Root is applying for water right extention to "perfect' well that were applied for years ago. This is in regards to App. File # G-14678 and G-14888.....My concerns are these: 1) Are these existing wells? 2) If so, is he wanting to go deeper or put a bigger pump on these well to get more volume per minute.. 3) or to dig more wells? Talking with old timers that have been here 50+ years, this is looking like it could be the worst they have seen... I've been here since 1956 and I agree! What will happen to my water volume at my ranch? No way do I want to dig deeper. I have the BEST tasting water in the county, bar none.....If you have access to past records, you can find that in 1995, myself and others "below" had to get ahold of the state water master regarding Andy Root taking too much "runoff water". I have the papers in front of me and cannot find any reference numbers.....Dated March 28, 1995, from Watermaster District #10.

Please let me know ...App. File G14678

G14888

installed.

Three(3) very dry years in our area has peaked our concerns, and the procedures required for the same.

~~Points of discussion could include but not limited to:~~

- (1) How will the drilling of wells affect the surrounding land owners?
- (2) Perfect the method of notifying the surrounding land owners.
- (3) Monitor the water usage in order to not have adverse water issues for neighboring land owners .
- (4) Answer questions as to the monitoring of usage....
 - (a) example might include previous years of meter readings.

M Ritches for LaVonne Ritches

Ritches Family Ranch
72036 Rattlesnake Road
Burns, Oregon 97720
Sent from my iPad

Michele McAleer

From: Margaret Ritches <highdeserthair@hotmail.com>
Sent: Tuesday, May 14, 2013 3:01 PM
To: Michele McAleer
Subject: Fwd: Comment; Rattlesnake Creek Basin

Thanks for the email..:)

Sent from my iPad

Begin forwarded message:

From: Margaret Ritches <highdeserthair@hotmail.com>
Date: May 14, 2013, 12:12:10 PM PDT
To: "michele.r.mcaleer@state.or.us" <michele.r.mcaleer@state.or.us>
Subject: Fwd: Comment; Rattlesnake Creek Basin

Sent from my iPad

Begin forwarded message:

From: Margaret Ritches <highdeserthair@hotmail.com>
Date: May 14, 2013, 10:18:34 AM PDT
To: "michele.r.mcaleer@state.or.us" <michele.r.mcaleer@state.or.us>
Subject: Fwd: Comment; Rattlesnake Creek Basin



~~My mothers neighbor wanted me to add her name to this email. Her name is Shirley Mingus.~~

We are all very concerned about this particular action of extension ...

Sent from my iPad

Begin forwarded message:

From: Margaret Ritches <highdeserthair@hotmail.com>
Date: ~~May 13, 2013~~ 6:49:14 PM PDT
To: "mealeemr@wrđ.state.or.us" <mealeemr@wrđ.state.or.us>
Subject: ~~Comment; Rattlesnake Creek Basin~~

RE: ~~G-14678.....permit-G-13539~~
~~G-14888.....permit-G-13730~~

Water Rights Actions for extensions of time to perfect water rights permits.

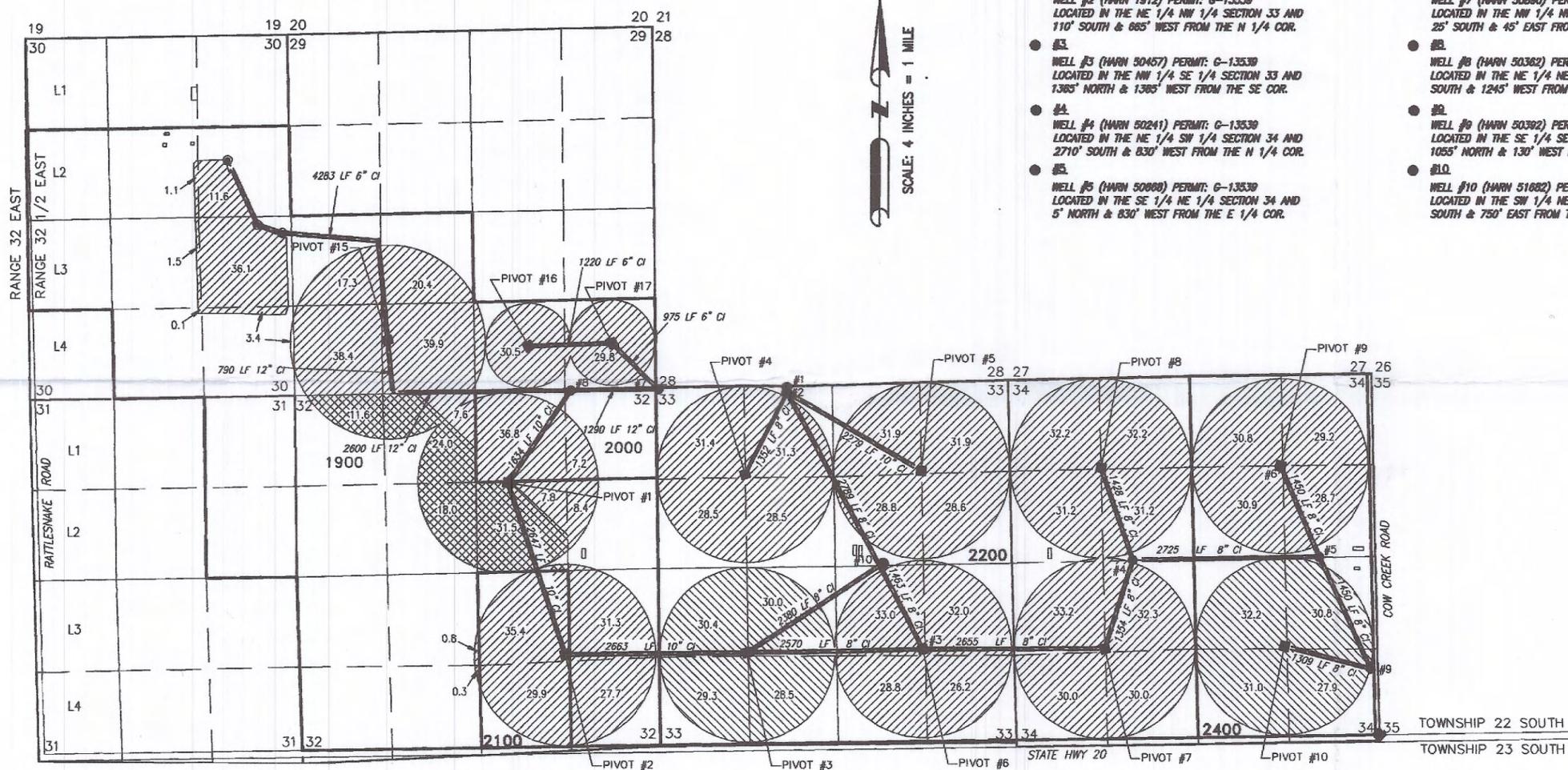


Land owners in the Rattlesnake Creek Basin including myself, have serious concerns and questions the numbers of wells that are being

FINAL PROOF MAP

TO SHOW PLACES OF USE AND
POINTS OF APPROPRIATION
FOR APPLICATIONS ~~G-14488~~ & G-14888
ANDY ROOT G-14678 ^{AC WRB} 12-7-2011

TOWNSHIP 22 SOUTH, RANGE 32-1/2 EAST, SECTIONS 29-34, W.M.
TAX LOTS: 1900, 2000, 2100, 2200, & 2400 HARNEY COUNTY, OREGON



- #1
WELL #1 (HARN 1878) PERMIT: G-13539
LOCATED IN THE NE 1/4 NW 1/4 SECTION 33 AND
25' SOUTH & 680' WEST FROM THE N 1/4 COR.
- #2
WELL #2 (HARN 1912) PERMIT: G-13539
LOCATED IN THE NE 1/4 NW 1/4 SECTION 33 AND
110' SOUTH & 685' WEST FROM THE N 1/4 COR.
- #3
WELL #3 (HARN 50457) PERMIT: G-13539
LOCATED IN THE NW 1/4 SE 1/4 SECTION 33 AND
1365' NORTH & 1365' WEST FROM THE SE COR.
- #4
WELL #4 (HARN 50241) PERMIT: G-13539
LOCATED IN THE NE 1/4 SW 1/4 SECTION 34 AND
2710' SOUTH & 830' WEST FROM THE N 1/4 COR.
- #5
WELL #5 (HARN 50808) PERMIT: G-13539
LOCATED IN THE SE 1/4 NE 1/4 SECTION 34 AND
5' NORTH & 830' WEST FROM THE E 1/4 COR.
- #6
WELL #6 (HARN 50422) PERMIT: G-13539
LOCATED IN THE NW 1/4 NE 1/4 SECTION 34 AND
1320' SOUTH & 1320' EAST FROM THE N 1/4 COR.
- #7
WELL #7 (HARN 50890) PERMIT: G-13539
LOCATED IN THE NW 1/4 NW 1/4 SECTION 33 AND
25' SOUTH & 45' EAST FROM THE NW COR.
- #8
WELL #8 (HARN 50362) PERMIT: G-13539 & G-13730
LOCATED IN THE NE 1/4 NE 1/4 SECTION 32 AND 35'
SOUTH & 1245' WEST FROM THE NE CORNER.
- #9
WELL #9 (HARN 50362) PERMIT: G-13730
LOCATED IN THE SE 1/4 SE 1/4 SECTION 34 AND
1055' NORTH & 130' WEST FROM THE SE COR.
- #10
WELL #10 (HARN 51882) PERMITS: G-13539 & G-13730
LOCATED IN THE SW 1/4 NE 1/4 SECTION 33 AND 2605'
SOUTH & 750' EAST FROM THE N 1/4 CORNER.

-  1156.1 ACRES PRIMARY IRRIGATION FROM
WELLS 1-8, AND 10, G-13539, AS SHOWN
-  240.1 ACRES PRIMARY IRRIGATION FROM
WELLS 8 AND 9, G-13730, AS SHOWN
-  85.1 ACRES SUPPLEMENTAL IRRIGATION FROM
WELLS 1-8 AND 10, G-13539, AS SHOWN

-  BURIED STEEL PIPE
- IRRIGATION RISER
- CENTER PIVOT
- ◆ SURVEY MONUMENT



RENEWAL DATE: 12/31/2012

THIS MAP IS FOR THE PURPOSE OF LOCATING A WATER
RIGHT ONLY AND HAS NO INTENT TO PROVIDE LEGAL
DIMENSIONS OR THE LOCATION OF PROPERTY LINES

COBU MAP # 0636

PREPARED FOR:
ANDY ROOT
524 HIGHWAY 20 N
HINES, OR 97738

PREPARED BY:
 ALL POINTS ENGINEERING AND SURVEYING, INC.
P.O. BOX 767 (CRR) TERREBONNE, OR 97760
(541) 548-5833 www.APEandS.com

Application # G-14888 Permit # G-13730

Public Notice Route Slip ... New Application Extension of Time
per Division 315 Rules... (Extensions received on July 1, 2001 or after)

- ◆ WRIG...
Money Received on: 4/27/10
- ◆ Extension Specialist...
 - Added to tracking spreadsheet

After fee is receipted and app is added to spreadsheet, route to...

- ◆ Jonnine Skaug...
 - Publish on Public Notice (initial 30-day comment): Date of notice 5/4/10 JNS
 - Update WRIS Database
 - In the "PNotice Date" field... Enter the date the Extension Application was published on the Public Notice.
 - In the "Ext Filed" field... Enter the date the Extension Application was received.

Yes or No: Return file to Extension Specialist after PN



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

December 9, 2011

Andy Root
HC 73 174 Harney Rd
Burns OR 97720

On December 5, 2011, the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-14678 Permit G-13539
Application G-14888 Permit G-13730

The COBU included a report and map. In the future the Department will review your submittal. At that time we will review these items and provide a final certificate, proposed certificate, or a request for additional information.

If you are interested in having your COBU reviewed sooner, you may pay to have your file processed immediately, using the Reimbursement Authority program, which is described at: http://www.wrd.state.or.us/OWRD/mgmt_reimbursement_authority.shtml

Customer Service phone: (503) 986-0801

If you sell the property, please contact the Department, or have the new owners contact the Department about the need to file an assignment.

Your receipt is enclosed.



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

March 27, 2013

ANDY ROOT
524 HWY 20 NORTH
HINES, OR 97738

RE: Application G-14678, Permit G-13539
Application G-14888, Permit G-13730

Dear Mr. Root,

The Department has received your letter indicating that the Claims of Beneficial Use (Claims), submitted on December 5, 2011, were submitted prematurely. Your letter indicated that you were withdrawing the Claims.

Enclosed are the original Claims submitted for the above referenced files and permits. The Department has retained copies of the original Claims, however due to your request; the Department will not consider the Claims as valid.

If you have any additional questions, please feel free to contact me at 503-986-0811.

Sincerely,

Gerry Clark
Water Rights Specialist
Certificates

cc: files
Scott Montgomery, CWRE

enclosures

Andy's
CUSTOM WORK

ACW, Inc. dba,



524 Hwy 20 North • Hines, Oregon 97738
Office: 541-573-3615 • Fax: 541-573-3419

March 21, 2013

Attn: Gerry Clark, Certificate Specialist
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1266

SUBJECT: COBU Reports for Permits G-13539 & G-13730

Dear Mr. Clark:

I am contacting you to request the withdrawal of the Claim of Beneficial Use reports and map submitted by All Points Engineering and Surveying, Inc. "APES" for Permits G-13539 and G-13730.

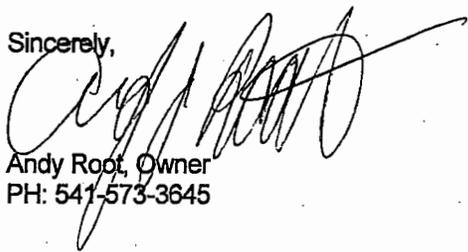
The report was submitted before a well that I wish to be added to each permit was transferred. In January 2010, I attempted to amend these permits to add the well. However, I was informed that the "C-date" had expired and that I needed to first apply for an extension. The extension was applied for in March 2010, but wasn't approved until May 2011 with a new "C-date" of October the same year. This left me five months to re-apply and receive approval for the amendment.

APES began consulting for me in June 2011. The reports were submitted by APES soon after, without recognizing that amendments to add the new well to each permit hadn't been completed.

I plan to apply for another extension of time in order to amend these permits to add the new well. Once the well is amended to each permit, I will re-submit the COBU reports.

If you have any questions, please don't hesitate to call me or Scott Montgomery at 541-548-5833.

Sincerely,


Andy Root, Owner
PH: 541-573-3645

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Completeness Checklist for Permit Extension of Time Application

Minimum completeness criteria for Extension of Time Applications are set forth in OAR 690-086-0020(3) for NON-Municipal or NON-Quasi-Municipal permits and in OAR 690-086-0070(3) for Municipal or Quasi-Municipal permits.

1. Pull the permit file. If a copy of the permit is not in the file, pull up an image of the permit in WRIS.
2. Is the permit to be extended Non-Cancelled according to WRIS and the permit file? _____
 If the permit has been cancelled, the Extension Application cannot be accepted.
3. Is the extension applicant's name and mailing address supplied? _____
 If yes, is the extension applicant a permit holder of record (*i.e., permit either issued to them or assigned to them*)? _____
 If the extension applicant is **NOT** a permit holder of record, a "Request for Assignment" must be processed before the Extension Application can be accepted.
 If an Assignment has **not** yet occurred, or if a concurrent "Request for Assignment" was **not** submitted along with the Extension Application, the Extension Application cannot be accepted.
4. Is the appropriate Extension of Time Application used? _____
 If the wrong application form is used, the Extension Application cannot be accepted.

 - If a Municipal or Quasi-Municipal permit, use: "Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits."
 - If a NON-Municipal or NON-Quasi-Municipal permit, use: "Application for Extension of Time for a Water Right Permit (Non-Municipal / Non-Quasi-municipal Water Use)."
5. Are the requested date(s) for extension identified (*Page 1*)? 10/1/2018
 ▪ Check the permit to see if it includes a "B-Date" and/or a "C-Date."
 "B-Date" = date by which construction of the water delivery system for the permit is to be completed.
 "C-Date" = date by which full beneficial use of water under the permit is to be accomplished.

NOTE: For permits with both a "B-Date and a "C-Date," the applicant will likely request an extension of both dates (*i.e., to complete construction of the water delivery/distribution system and to apply water to full beneficial use*). Unless, of course, construction of the water delivery system is complete. In which case, the applicant would likely only request an extension of the "C-Date" (*i.e., to apply water to full beneficial use*).

For permits with only a "C-Date," the applicant will only be requesting an extension of the date in which to apply water to full beneficial use.
6. Is the Extension Application signed (with an original signature) by permit holder(s) of record or an authorized agent? _____
 (*If signed by agent, documentation from the permit holder(s) granting authorization to agent to sign on their behalf must be provided or already in the permit file.*)

If **not** signed by a permit holder of record or authorized agent, the Extension Application cannot be accepted.

NOTE: If the permit covers land that has been subdivided and assigned to different, individual parties... we only need signatures of the permit holder(s) of record for the portion of the permit involved in the Extension of Time Application.

7. Are all questions on the application answered? _____
 (NOTE: Supporting documentation such as: copies of the permit, well log(s), annual water use reports, static water level measurement reports, evidence demonstrating construction/work/water use accomplished, etc. may be included.)

The tables below are informational only. No need to check off.

■ For NON-Municipal or NON-Quasi-Municipal Permit Extension Applications:

▪ Ques. #1 - Information provided on beginning of construction ("A" Date) under the permit.	▪ Ques. #5-C - Well location information provided <u>and</u> whether a permit amendment is necessary.
▪ Ques. #2 - Information provided on compliance with permit conditions.	▪ Ques. #6 - Information provided on number of acres irrigated, if applicable.
▪ Ques. #3 - Description provided of progress made in developing the permit.	▪ Ques. #7 - Description provided of remaining work left to be accomplished to perfect the permit.
▪ Ques. #4 - Monetary investment made in the project to date provided.	▪ Ques. #8 - Description provided of estimated cost to complete the project associated with the permit.
▪ Ques. #5-A - Max amount of water beneficially used to date for a SW permit indicated.	▪ Ques. #9 - Explanation provided of why the permit has not been fully developed/perfected.
▪ Ques. #5-B - Well construction information provided <u>and</u> max amount of water beneficially used to date for a GW permit indicated.	▪ Ques. #10 - Justification provided of why the requested time is necessary to complete project.

■ For Municipal/Quasi-Municipal Permit Extension Applications:

▪ Ques. #2 - For Quasi-Municipal permits only, information provided on beginning of construction ("A" Date) under the permit.	▪ Ques. #8 - Estimate provided of current peak water demand of the population served <u>and</u> the methodology used to make the estimate.
▪ Ques. #3 - For Municipal permits issued on or after June 29, 2005, information provided on beginning of construction ("A" Date).	▪ Ques. #9 - Explanation provided of why the permit has not been fully developed/perfected.
▪ Ques. #4 - Description provided of progress made in developing the permit <u>and</u> financial expenditures made in the project to date.	▪ Ques. #10-A - Estimate provided of demand projection for the permit, the methodology used to make the estimate <u>and</u> anticipated date for full beneficial use of the permit.
▪ Ques. #5-A & #5-B - Information provided on compliance (or non-compliance) with permit conditions.	▪ Ques. #10-B - For extension requests greater than 50 years, documentation provided that the demand projection is consistent with the lands and uses proposed to be served by the permit holder.
▪ Ques. #6-A - Max amount of water beneficially used to date for a SW permit indicated.	▪ Ques. #11 - Estimate of costs to complete the project and a summary of future schedule to complete construction / perfect the water right.
▪ Ques. #6-B - Well construction information provided <u>and</u> max amount of water beneficially used to date for a GW permit indicated.	▪ Ques. #12 - Justification provided of why the requested time is necessary to complete project <u>and/or</u> apply water to full beneficial use.
▪ Ques. #6-C - Well location information provided <u>and</u> whether a permit amendment is necessary.	▪ Ques. #14 - A copy of any agreements regarding use of the undeveloped portion of the permit and maintaining the persistence of fish, if applicable.
▪ Ques. #7 - Estimate provided of current population served under the permit <u>and</u> the methodology used to make the estimate.	▪ Attachment A - A tabular inventory of the water supplier's water rights and any other water use authorizations.

8. Has the \$500 fee been paid? _____
 (As of August 29, 2012, the Extension of Time fee is \$500.)

If the fee has **NOT** been paid, the application cannot be accepted.

NOTE: If the fee is the only item missing, contact the applicant to see if they can submit the fee with the next few days. If the applicant commits to submitting the fee within a certain timeframe, hold the Extension Application. If the fee does not arrive within that timeframe, return the Extension Application to the applicant.

9. If after completing this checklist, it is not clear whether the application can be accepted, please route both the money slip and Extension Application to **Joan Smith**. She will either: 1) accept the application; 2) return the application; or 3) prepare a deficiency letter.

Reviewed by: (Ser) Date: 3/26/13



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301-1266
 (503) 986-0900
 www.wrd.state.or.us

RECEIVED

SEP 30 2011

WATER RESOURCES DEPT
 SALEM, OREGON

Extension of Time
Progress Report Form
 For Checkpoints

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

Permit Holder: Andy Root

Application G-14888
 Permit G-13730

Report Due no later than October 1, 2011

Progress Report Form for 2011

As authorized in ORS 690-315-0050(6), this progress report is required in order to ensure diligence is exercised in the development and perfections of Permit G-13730

INSERT DATES	LIST ALL WORK ACCOMPLISHED and FINANCIAL INVESTMENTS For the period of time between October 1, 2003 and October 1, 2011	FINANCIAL INVESTMENT
7-19-11	Hired Scott Montgomery of All Points Engineering To file claim of beneficial use & final proof map (financial investment & until work is completed)	0.00

2. **Compliance with terms and conditions of the permit and/or previous extension.**
 THE PLACES OF USE HAVE BEEN IRRIGATED FOR 12 YEARS. CONSTRUCTION OF THE ENTIRE IRRIGATION SYSTEM BEGAN IN 1999 AND WAS COMPLETED IN 2000. REPORTS OF ANNUAL VOLUME OF USE HAVE BEEN SUBMITTED FOR THE 2009 AND 2010 SEASONS,

3. Total number of acres irrigated to date = 246.4 (if applicable)

4. Provide the maximum rate, or duty if applicable, of water diverted for beneficial use under this permit, if any, made to date.

Maximum rate used to date = 3.08 cfs (cubic feet per second), or
 Maximum rate used to date = _____ gpm (gallons per minute), or
 Acre Feet stored to date = _____ AF

Report the rate in the same units of measurement as specified in the permit, being cfs (cubic feet per second), gpm (gallons per minute) or AF (acre-feet). Do not provide daily, monthly or annual water volume totals.

Signature *Andy Root*

Date 9-27-11

For OWRD use only

Diligence Shown Yes No

Reviewed by: _____ Date: _____

Date Public Noticed: _____



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

May 4, 2010

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Rights Section has received your application for an extension of time for **APPLICATION FILE#: G-14888 (PERMIT#: G-13730)**. Your application will be reviewed in the near future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

If you have questions concerning your extension of time application, please contact Scott Kudlemyer at (503) 986-0813. For general information about the Water Resources Department, you may contact the Water Resources' Customer Service Group at (503) 986-0801 or you may access the Department's Internet home page at: "www.wrd.state.or.us".

Extension PFO Checklist for Other than Muni or Quasi-Municipal

Water Use Permits

(OAR 690-315-0010 through OAR 690-315-0060)

Application: G- 14888 Permit: G- 13730 Permit Amendment? No Yes T- _____ pending approved

Permit Holder's Name: Andy Root

Permit Holder's Mailing Address: 524 Hwy 20 N Hines, OR 97738 email _____

Phone Number: 541-573-3515

POD Location: Township 22 S Range 32.5 E Section 32.5 $\frac{1}{4}$ NENE

Drainage Basin: 12 County: Harney Watermaster District: 10 Watermaster: Tony Rutherford

Date Permit was issued: 9/1/1999

Priority Date: 12/22/1998

Date of PN: 5/4/2010

Source: Well 8 and Well 9 in the Rattlesnake Creek Basin

Use: Irrigation of 246.4 acres

"Q": 3.08 cfs

Orig "A" Date: 7/30/2000

Orig "B" Date: 10/1/

Orig "C" Date: 10/1/2003

Extension request rec'd: 4/26/2010

Last Authorized "B" Date: 10/1/

Last Authorized "C" Date: 10/1/2003

Request Number (1, 2, 3...): 1

Proposed "B" Date: 10/1/

Proposed C Date: 10/1/2010

Conditions of Permit:

Condition Met?	Condition Not Met?	Permit Condition
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Install meter
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Report monthly water use annually
<input checked="" type="checkbox"/>	<input type="checkbox"/>	General standards fro well construction
<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	

Factors to consider in determining "Reasonable Diligence" [OAR 690-315-0040(3)]:

- | |
|---|
| <p>Yes <input checked="" type="checkbox"/> No <input type="checkbox"/></p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> Work was accomplished within the time allowed in the permit or previous extension</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> Water right permit holder conformed with the permit or previous extension conditions</p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> Financial investments were made toward developing the beneficial water use.</p> <p style="margin-left: 20px;">• Amount Invested to date: <u>\$234,050</u> Estimated Remaining Cost: <u>\$2,350</u></p> <p><input checked="" type="checkbox"/> <input type="checkbox"/> Beneficial use made of the water during the permit or previous extension time limits</p> <p style="margin-left: 20px;">• Permit holder has beneficially used <u>3.08</u> <input checked="" type="checkbox"/> cfs <input type="checkbox"/> gpm <input type="checkbox"/> af of the total permitted quantity of water on <u>246.6</u> acres</p> |
|---|

Has the applicant pursued perfection of the right in good faith and with reasonable diligence? Yes No

Application: - _____ Permit: - _____ Township _____ Range _____ Section _____

Determination of the market and the present demand for water or power to be supplied:

Identify the closest surface water or localized water basin. _____

Ground Water Permits: Is the POA located...

Surface Water Permits: Is the POD located...

Yes No

- above a state scenic waterway? Name _____ Source: OWRD "Areas Above State Scenic Waterways" Map
- within a stream segment designated as a federal wild and scenic river? Source: www.rivers.gov/wildriverslist.html
- within a sensitive, threatened or endangered species area Source: "/gisdata/dev/projects/salmon/div33map.aml"
- within a critical or limited Ground Water Area? Name of area _____
- within a Withdrawn Area? Name of area _____
- in a waterbody listed on the DEQ Section 303(d) List of Water Quality Limited Areas? Date added to list 2004 _____
- within an area ranking low / moderate / high / highest for stream flow restoration needs Source: OWRD "Streamflow Restoration Needs" Maps (by region)

Based on the written record, can the Department make a finding of "Good Cause" to approve the extension request?

Yes... "Good Cause" can be found. Approval of Extension Request

No... "Good Cause" *cannot* be found. Denial of Extension Request

Conditions to be included in Extension PFO (if applicable)? Yes No

(NOTE: Check the file record for documentation to add a condition(s) at the extension stage.)

5-year Progress Report Checkpoints (Years: **2010**)

Other: _____

Footnote regarding Claim of Beneficial Use. Choose the appropriate language below and insert as a footnote in the PFO:

COBU Requirement - Surface/Ground Water - on or prior to July 9, 1987

"For permits applied for or received on or before July 9, 1987, upon complete development of the permit, you must notify the Department that the work has been completed and either: (1) Hire a water right examiner certified under ORS 537.798 to conduct a survey, the original to be submitted as required by the Water Resources Department, for issuance of a water right certificate; or (2) Continue to appropriate water under the water right permit until the Water Resources Department conducts a survey and issues a water right certificate under ORS 537.250 or 537.625."

COBU Requirement - Surface Water - post July 9, 1987

"Pursuant to ORS 537.230(4), upon the completion of beneficial use of water allowed under the permit, the permit holder shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permit holder shall submit a map of the survey and the claim of beneficial use."

COBU Requirement - Ground Water - post July 9, 1987

"Pursuant to ORS 537.630(4), upon the completion of beneficial use of water allowed under the permit, the permit holder shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permit holder shall submit a map of the survey and the claim of beneficial use."

NOTES:

Extension "PFO" Dates

Mailing / Issuance Date: _____

Protest Deadline Date: _____

Reviewer's Name: _____

Date: _____

Route Slip....Extension of Time Progress Report

1. Extension Specialist: Progress Report Review

Date Report was Due: 10/1/2011 (= "Deadline Date" for the corresponding ECP work flow record in WRIS)

Date Report Received: 9/30/2011

Report Complete: YES

NO – Send letter requesting missing information.
 letter mailed on: _____

2. Support Staff: Publish on the Department's Public Notice

315 320 OAR Division under which Progress Report was required

Publish on Public Notice Date: 11-22-11

Update workflow in WRIS

(Fill in Extension Checkpoint 'Completed Date' in appropriate "ECP" work flow record and

add record for Checkpoint Public Notice ("EP2) *Begin date = Date Report was due*

~~add record for Check Point Received~~

Return file to Jerry Gainey.

3. Extension Specialist: Prepare Progress Report Confirmation Letter

See progress report procedures.doc

(date / mail out after 30 day comment period)

Date Confirmation Letter Needed: _____

Update Progress Report Worksheet.xls

Send to permit holder + anyone who made comments after 30 day public notice
CC: Watermaster _____

File _____

PUBLIC NOTICE INFORMATION

Permit Holder's Name: Andy Root Attn: _____

Application: G- 14888

Permit: G- 13730

County: Harney

Source: Well 8 and Well 9 in the Rattlesnake Creek Basin

Use: Irrigation of 246.4 acres

Water Use Reporting Entry

[Logout](#)

RATTLE SNAKE LAND & CATTLE
ANDY ROOT
524 HWY 20 N
HINES, OR 97738

Now reporting for water year: 2010. The deadline for this is 4/30/2011.

Records per Page:

Report ID	Facility	Associated Water Rights & Description
Select 47875	WELL #6 (HARN 50422 / L-28438)	Permit:G 13539 * WELL 6; 22S-32.50E-34-SW NE; 1350 FEET SOUTH & 1350 FEET W
Select 47876	WELL #7 WINDMILL BY BARN (L-35539 -REFERENCED BY USER AS HARN 50667 BUT TIED TO HARN 1879 ONLINE)	Permit:G 13539 * WELL 7; 22S-32.50E-30-SW NE; 1300 FEET NORTH & 1800 FEET E
Select 47877	WELL #8 (HARN 50362 / L-21297)	Permit:G 13539 * WELL 8; 22S-32.50E-32-NW NE; 220 FEET SOUTH & 2270 FEET W
Select 48472	WELL #8	Permit:G 13730 * WELL 8; 22S-32.50E-32-NE NE; 1 FOOT SOUTH & 1306 FEET W
Select 48473	WELL #9 (L-28334)	Permit:G 13730 * WELL 9; 22S-32.50E-34-SW SE; 130 FEET NORTH & 2180 FEET W

1 2 3 4 5 6

Report ID: 48472
[Add data for water year](#)

Water Year	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
2007	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	418.8	418.8	418.8	418.8
2006	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	480.96	480.96	480.96	
2005	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	356.4	356.4	356.4	356.4	0.0
2004	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	336.0	336.0	336.0	336.0	0.0
2003	A	0.0	0.0	0.0	0.0	0.0	0.0	247.1	247.1	247.1	247.1	247.1	247.1

Water Use Reporting Entry

[Logout](#)

RATTLE SNAKE LAND & CATTLE
ANDY ROOT
524 HWY 20 N
HINES, OR 97738

Now reporting for water year: 2010. The deadline for this is 4/30/2011.

Records per Page:

Report ID	Facility	Associated Water Rights & Description
Select 47875	WELL #6 (HARN 50422 / L-28438)	Permit:G 13539 * WELL 6; 22S-32.50E-34-SW NE; 1350 FEET SOUTH & 1350 FEET W
Select 47876	WELL #7 WINDMILL BY BARN (L-35539 -REFERENCED BY USER AS HARN 50667 BUT TIED TO HARN 1879 ONLINE)	Permit:G 13539 * WELL 7; 22S-32.50E-30-SW NE; 1300 FEET NORTH & 1800 FEET E
Select 47877	WELL #8 (HARN 50362 / L-21297)	Permit:G 13539 * WELL 8; 22S-32.50E-32-NW NE; 220 FEET SOUTH & 2270 FEET W
Select 48472	WELL #8	Permit:G 13730 * WELL 8; 22S-32.50E-32-NE NE; 1 FOOT SOUTH & 1306 FEET WES.
Select 48473	WELL #9 (L-28334)	Permit:G 13730 * WELL 9; 22S-32.50E-34-SW SE; 130 FEET NORTH & 2180 FEET

1 2 3 4 5 6

Report ID: 48473
[Add data for water year](#)

Water Year	Unit	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
2007	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	126.53	126.53	126.53	0.0
2006	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	128.3	128.3
2005	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.99	63.99	63.99	63.99	0.0
2004	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	75.0	76.0	75.0	0.0
2003	A	0.0	0.0	0.0	0.0	0.0	0.0	51.2	51.2	51.2	51.2	51.2	51.2
2002	A	0.0	0.0	0.0	0.0	0.0	0.0	36.0	36.0	36.0	36.0	36.0	36.0
2001	A	0.0	0.0	0.0	0.0	0.0	0.0	0.0	74.1	58.6	51.0	79.2	30.5
2000	A	0.0	0.0	0.0	0.0	0.0	0.0	36.0	36.0	36.0	36.0	36.0	36.0

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-14888

Final Order
Extension of Time for Permit Number G-13730

Appeal Rights

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. A request for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either file for judicial review, or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Application History

Permit G-13730 was issued by the Department on September 1, 1999. The permit called for complete application of water to beneficial use by October 1, 2003. On April 26, 2010, Andy Root submitted to the Department an Application for Extension of Time for Permit G-13730. In accordance with OAR 690-315-0050(2), on January 18, 2011, the Department issued a Proposed Final Order proposing to extend the time to fully apply water to beneficial use to October 1, 2012. The protest period closed March 4, 2011 in accordance with OAR 690-315-0060(1). No protest was filed.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, the permit may be extended subject to the following conditions:

CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Progress Report Form to the Department by **October 1, 2011. A form will be enclosed with your Final Order.**

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all

terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;

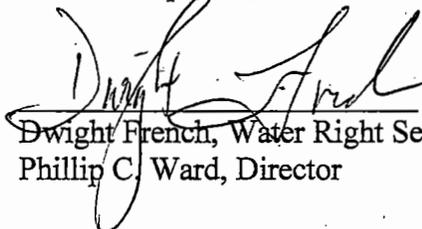
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

The applicant has demonstrated good cause for the permit extension pursuant to ORS 537.630, 539.010(5) and OAR 690-315-0040(2).

Order

The extension of time for Application G-14888, Permit G-13730, therefore, is approved subject to conditions contained herein. The deadline for applying water to full beneficial use is extended to October 1, 2011.

DATED: April 22, 2011


Dwight French, Water Right Services Administrator, for
Phillip C. Ward, Director

-
- If you have any questions about statements contained in this document, please contact Jerry Gainey at (503) 986-0812.
 - If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900
-

Mailing List for Extension FO Copies

Note: Include a copy of the "Important Notice" document along with the original copy of the Final Order being sent to the permit holder.

FO Date: April 22, 2011

Copies Mailed

**Application G-14888
Permit G-13730**

By: JIS
On: 4/22/11

Original mailed to permit holder

Andy Root
524 Hwy 20 N.
Hines, OR 97738

Copies sent to:

1. WRD - App. File G-14888/ Permit G-13730
2. WRD - Watermaster District 10, Tony Rutherford
3. WRD - Eastern Regional Manager, Ivan Gall
4. WRD - Support Staff, Salem...*Permit record update*

Fee paid as specified under ORS 536.050 to receive copy:

5. None

Receiving via e-mail (10 AM day of signature date)

6. None

If Progress Reports are included:

Add record to Progress Report tracking sheet.xls Done by: _____ Date: _____

CASEWORKER: MCS

Final Order: Permit G-13730

Page 1 of 2

**Oregon Water Resources Department
Water Rights Division**

Application for Extension of Time

In the Matter of the Application for an Extension of Time)
for Permit G-13730, Water Right Application G-14888) PROPOSED FINAL ORDER
in the name of Andy Root)

Permit Information

Application File G-14888 Permit G-13730

Basin: 12 – Malheur Lake / Watermaster District 10

Date of Priority: December 22, 1998

Authorized Use of Water

Source of Water: Well 8 and Well 9 within the Rattlesnake Creek Basin

Purpose of Use: Irrigation of 246.4 Acres

Maximum Rate: 3.08 Cubic Feet per Second (cfs)

**This Extension of Time request is being processed in accordance with Oregon
Administrative Rule Chapter 690, Division 315**

***Please read this Proposed Final Order in its entirety as it contains
additional conditions not included in the original permit.***

This Proposed Final Order applies only to Permit G-13730, water right Application G-14888.
A copy of Permit G-13730 is enclosed as Attachment 1.

Summary of Proposed Final Order for Extension of Time

The Department proposes to:

- Grant an extension of time to apply water to full beneficial use from October 1, 2003 to October 1, 2012.
- Make the extension subject to certain conditions set forth below.

ACRONYM QUICK REFERENCE

Department – Oregon Department of Water Resources
PFO – Proposed Final Order

Units of Measure

cfs – cubic feet per second
gpm – gallons per minute

AUTHORITY

Generally, see ORS 537.630 and OAR Chapter 690 Division 315.

ORS 537.630(1) provide in pertinent part that the Oregon Water Resources Department (Department) may, for good cause shown, order an extension of time within which: irrigation or other works shall be completed; the well or other means of developing and securing ground water shall be completed; or the right perfected. In determining the extension, the Department shall give due weight to the considerations described under ORS 539.010(5) and to whether other governmental requirements relating to the project have significantly delayed completion of construction or perfection of the right.

ORS 539.010(5) provides in pertinent part that the Water Resources Director, for good cause shown, may extend the time within which the full amount of the water appropriated shall be applied to a beneficial use. This statute instructs the Director to consider: the cost of the appropriation and application of the water to a beneficial purpose; the good faith of the appropriator; the market for water or power to be supplied; the present demands therefore; and the income or use that may be required to provide fair and reasonable returns upon the investment.

OAR 690-315-0040 provides in pertinent part that the Water Resources Department shall make findings to determine if an extension of time may be approved to complete construction and/or apply water to full beneficial use.

OAR 690-315-0050(6) requires the Department, for extensions exceeding five years, to establish checkpoints to determine if diligence is being exercised in the development and perfection of the water use permit. Intervals between checkpoints will not exceed five year periods.

FINDINGS OF FACT

Background

1. Permit G-13730 was granted by the Department on September 1, 1999. The permit authorizes the use of up to 3.08 cfs of water from Well 8 and Well 9 for irrigation of 246.4 acres. The permit specified complete application of water was to be made on or before October 1, 2003.
2. The permit holder submitted an "Application for Extension of Time" to the Department on April 26, 2010 requesting the time to apply water to full beneficial use under the terms and conditions of Permit G-13730 be extended from October 1, 2003 to October 1, 2011. This is the first permit extension requested for Permit G-13730.
3. Notification of the Application for Extension of Time for Permit G-13730 was published in the Department's Public Notice dated May 4, 2010. No public comments were received regarding the extension application.
4. On December 30, 2010, the permit holder submitted additional information to supplement their Application for Extension of Time. The amendment requested the extended time to apply water to full beneficial use of the water system be changed from October 1, 2003 to October 1, 2012.

Review Criteria [OAR 690-315-0040]

The time limits to complete construction and/or apply water to full beneficial use may be extended if the Department finds that the permit holder has met the requirements set forth under OAR 690-315-0040. This determination shall consider the applicable requirements of ORS 537.230¹, 537.248², 537.630³ and/or 539.010(5)⁴.

Complete Extension of Time Application [OAR 690-315-0040(1)(a)]

5. On April 26, 2010, the Department received a completed Application for Extension of Time and the fee specified in ORS 536.050 from the permit holder.

Start of Construction [OAR 690-315-0040(1)(b) and 690-315-0040(5)]

6. Actual construction of the well began prior to the July 30, 2000 deadline specified in the permit.

¹ORS 537.230 applies to surface water permits only.

²ORS 537.248 applies to reservoir permits only.

³ORS 537.630 applies to ground water permits only.

⁴ORS 539.010(5) applies to surface water and ground water permits.

Duration of Extension [OAR 690-315-0040(1)(c)]

Under OAR 690-315-0040(1)(c), in order to approve an extension of time for water use permits the Department must find that the time requested is reasonable and the applicant can complete the project within the time requested.

7. As of April 26, 2010, the remaining work to be completed consists of applying water to full beneficial use and obtaining a final proof from a CWRE.
8. Given the amount of development left to occur, the Department has determined that the permit holder's request to have until October 1, 2012, to accomplish the application of water to beneficial use under the terms and conditions of Permit G-13730 is both reasonable and necessary.

Good Cause [OAR 690-315-0040(1)(d)]

The Department's determination of good cause shall consider the requirements set forth under OAR 690-315-0040(2).

Reasonable Diligence of the Appropriator [OAR 690-315-0040(2)(a)]

The Department's determination of reasonable diligence shall consider the requirements set forth under OAR 690-315-0040(3)(a-d). In accordance with OAR 690-315-0040(3), the Department shall consider, but is not limited to, the following factors when determining whether the applicant has demonstrated reasonable diligence in previous performance under the permit:

Amount of Construction [OAR 690-315-0040(3)(a)]

9. Work was accomplished within the time allowed in the permit or previous extension as follows:
 - a. Construction of the well and water system began prior to the July 20, 2000 deadline specified in the permit.
 - b. During the original development time frame under Permit G-13730, both Well 8 and Well 9 were constructed, meters were installed, measurements were recorded, and all conditions of the permit were satisfied.

Beneficial Use of Water [OAR 690-315-0040(3)(b)]

10. The following beneficial use of water was made during the permit or previous extension time limits:
 - a. Since the issuance of Permit G-13730 on September 1, 1999 a maximum rate of 3.08 cfs of water has been appropriated from the well for irrigation of 246.6 acres.

Compliance with Conditions [OAR 690-315-0040(3)(c)]

11. The water right permit holder's conformance with the permit or previous extension conditions.
 - a. The Department has considered the permit holder's compliance with conditions, and did not identify any concerns.

Financial Investments [OAR 690-315-0040(3)(d)]

12. Financial investments made toward developing the beneficial water use.
- a. As of April 26, 2010, the permit holder has invested approximately \$234,050 which is approximately 99 percent of the total projected cost for complete development of this project. The permit holder anticipates an additional \$2,350 investment is needed for the completion of this project.

Cost to Appropriate and Apply Water to a Beneficial Purpose [OAR 690-315-0040(2)(b)]

13. As of April 26, 2010, the permit holder has invested approximately \$234,050 which is approximately 99 percent of the total projected cost for complete development of this project. The permit holder anticipates an additional \$2,350 investment is needed for the completion of this project.

Good Faith of the Appropriator [OAR 690-315-0040(2)(c)]

14. The Department has found good faith of the appropriator under Permit G-13730.

The Market and Present Demands for Water [OAR 690-315-0040(2)(d-e)]

The Department's determinations of market and present demand for water or power to be supplied shall consider the requirements set forth under OAR 690-315-0040(4)(a-f). In accordance with OAR 690-315-0040(4), the Department shall consider, but is not limited to, the following factors when determining the market and the present demand for water or power to be supplied:

15. The amount of water available to satisfy other affected water rights and scenic waterway flows; special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C. 1313(d); or the habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife [OAR 690-315-0040(4)(a-c)].
- a. The amount of water available to satisfy other affected water rights and scenic waterway flows was determined at the time of issuance of Permit G-13730; furthermore, water availability for other affected water rights and scenic waterway flows after the permit was issued is determined at such time that such application for a new water right is submitted. The points of appropriation for Permit G-13730, located within the Malheur Lake Basin, is not located within a limited or critical ground water area. The Rattlesnake Creek Basin is not located within or above any state or federal scenic waterway, however it is located within an area ranked "low" for stream flow restoration needs as determined by the Department in consultation with the Oregon Department of Fish and Wildlife, and is located within a Sensitive, Threatened or Endangered Fish Species Area as identified by the Department in consultation with Oregon Department of Fish and

Wildlife. Rattlesnake Creek Basin is listed by the Department of Environmental Quality as a water quality limited basin.

16. Economic investment in the project to date [OAR 690-315-0040(4)(d)].
 - a. As of April 26, 2010, the permit holder has invested approximately \$2,350.
17. Other economic interests dependent on completion of the project [OAR 690-315-0040(4)(e)].
 - a. None have been identified.
18. Other factors relevant to the determination of the market and present demand for water and power [OAR 690-315-0040(4)(f)].
 - a. None have been identified.
19. OAR 690-315-0050(6) requires the Department to place a checkpoint condition on this extension of time in order to ensure diligence is exercised in the development and perfection of the water use permit. A "Checkpoint Condition" is specified under Item 1 of the "Conditions" section of this PFO to meet this condition.

Fair Return Upon Investment [OAR 690-315-0040(2)(f)]

20. Use and income from the permitted water development results in reasonable returns upon the investment made to date.

Other Governmental Requirements [OAR 690-315-0040(2)(g)]

21. Delay in the development of this project was not caused by any other governmental requirements.

Unforeseen Events [OAR 690-315-0040(2)(h)]

22. None have been identified.

CONCLUSIONS OF LAW

1. The applicant is entitled to apply for an extension of time to complete construction and/or completely apply water to the full beneficial use pursuant to ORS 537.630(1).
2. The applicant has submitted a complete extension application form and the fee specified in ORS 536.050, as required by OAR 690-315-0040(1)(a).
3. The applicant complied with begin actual construction timeline requirements pursuant to ORS 537.630 as required by OAR 690-315-0040(1)(b) and OAR 690-315-0040(5).

4. Full application of water to beneficial use can be accomplished by October 1, 2012⁵, as required by OAR 690-315-0040(1)(c).
5. The Department has considered the reasonable diligence and good faith of the appropriator, the cost to appropriate and apply water to a beneficial purpose, the market and present demands for water to be supplied, the financial investment made and fair and reasonable return upon the investment, the requirements of other governmental agencies, and unforeseen events over which the permit holder had no control, whether denial of the extension will result in undue hardship to the applicant and whether there are no other reasonable alternatives for meeting water use needs, any other factors relevant to a determination of good cause, and has determined that the applicant has shown that good cause exists for an extension of time to apply water to full beneficial use pursuant to OAR 690-315-0040(1)(d).
6. As required by OAR 690-315-0050(6) and as described in Finding 18 above, the Department has established, as specified in the "Conditions" section of this PFO (Item 1), progress checkpoints in order to ensure future diligence is exercised in the development and perfection of Permit G-13730.

Proposed Order

Based upon the foregoing Findings of Fact and Conclusions of Law, the Department proposes to issue an order to:

Extend the time to apply water to beneficial use under Permit G-13730 from October 1, 2003 to October 1, 2012.

Subject to the following conditions:

CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Progress Report Form to the Department by **October 1, 2011. A form will be enclosed with your Final Order.**

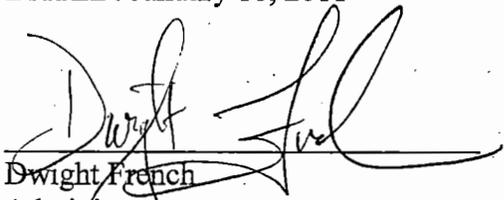
- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all

⁵Pursuant to ORS 537.630(4), upon the completion of beneficial use of water allowed under the permit, the permittee shall hire a certified water rights examiner to survey the appropriation. Within one year after the complete application of water to a beneficial use (or by the date allowed for the complete application of water to a beneficial use), the permittee shall submit a map of the survey and a new or revised claim of beneficial use as deemed appropriate by the Department.

terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;

- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

DATED: January 18, 2011


Dwight French
Administrator
Water Rights & Adjudications Division

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

Proposed Final Order Hearing Rights

1. Under the provisions of OAR 690-315-0100(1) and 690-315-0060, the applicant or any other person adversely affected or aggrieved by the proposed final order may submit a written protest to the proposed final order. The written protest must be received by the Water Resources Department no later than **March 4, 2011**, being 45 days from the date of publication of the proposed final order in the Department's weekly notice.
2. A written protest shall include:
 - a. The name, address and telephone number of the petitioner;
 - b. A description of the petitioner's interest in the proposed final order and if the protestant claims to represent the public interest, a precise statement of the public interest represented;
 - c. A detailed description of how the action proposed in the proposed final order would adversely affect or aggrieve the petitioner's interest;
 - d. A detailed description of how the proposed final order is in error or deficient and how to correct the alleged error or deficiency;
 - e. Any citation of legal authority supporting the petitioner, if known;
 - f. Proof of service of the protest upon the water right permit holder, if petitioner is other than the water right permit holder; and
 - g. The applicant or non-applicant protest fee required under ORS 536.050.
3. Within 60 days after the close of the period for requesting a contested case hearing, the Director shall:
 - a. Issue a final order on the extension request; or
 - b. Schedule a contested case hearing if a protest has been submitted, and:

Mailing List for Extension PFO Copies

PFO Date: January 18, 2011

**Application G-14888
Permit G-13730**

Copies Mailed

By: JS
On: 1/18/11

Original mailed to Applicant:

Andy Root
524 Hwy 20 N.
Hines, OR 97738

Copies sent to:

1. WRD - App. File G-14888/ Permit G-13730
2. WRD - Watermaster District 10, Tony Rutherford

Fee paid as specified under ORS 536.050 to receive copy:

3. None

Receiving via e-mail (10 AM Tuesday of signature date)

4. None

CASEWORKER: MCS

Jerry Gainey

From: Jane Shelley [shelleyj@acwinc.net]
Sent: Thursday, December 30, 2010 12:45 PM
To: Jerry Gainey
Subject: Permit extensions

12/30/10

Jerry:

Regarding File G-14678(Permit G-13539) & File G-14888 (Permit G-13730) please do extend till October 1, 2011 as per your conversation with Bill Beal this a.m. Bill takes care of most of the Water Resource issues we have.

Thank you and if you have any questions please call.

Jane Shelley
Secretary
Andy Root/ACW Inc.



Oregon Water Resources Department
 725 Summer Street NE, Suite A
 Salem Oregon 97301
 (503) 986-0900
 www.wrd.state.or.us

Application for Extension of Time for a Water Right Permit (Non-Municipal / Non-Quasi-municipal Water Use)

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT

*A separate extension application must be submitted for each permit as per
 OAR 690-315-0020(2).*

*This application and a summary of review criteria and procedures that are generally applicable to this
 application are available at <http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml>.*

I, Andy Root
 NAME OF PERMIT HOLDER [OAR 690-315-0020(1) and (3)(a)]

524 Hwy 20N Hines OR 97738
 ADDRESS CITY STATE ZIP

541 573 3615 _____
 PHONE E-MAIL ADDRESS

the permit holder of: Application Number G-14888

Permit Number G-13730
 [OAR 690-315-0020(3)(b)]

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 SALEM, OREGON

do hereby request that the time in which to:

complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which time now expires on October 1, _____, be extended to October 1, _____,

N/A (Check this box if the permit does not specify a date by when construction must be completed.)

and/or the time in which to:

apply water to full beneficial use under the terms and conditions of the permit, which time now expires on October 1, 2003, be extended to October 1, 2010.

Before submitting your Application for Extension of Time, make sure the following items are included:

- This completed Application for Extension of Time.
- Statutory fee of \$500.
- Signature page (last page of this Application for Extension of Time).
- All supporting documentation and/or evidence referenced in the Application for Extension of Time.

MAIL COMPLETED APPLICATION

along with the

\$500 STATUTORY FEE TO:

**Water Resources Department
Attn: Water Right Permit Extensions
725 Summer Street NE, Suite A
Salem, Oregon 97301**

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GENERAL TIPS:

- Permit holders of municipal or quasi-municipal water use permits **DO NOT** use this form. The correct form is *Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits*, available at the following link:
<http://www.wrd.state.or.us/OWRD/PUBS/forms.shtml#other>
- Request the reasonable amount of time necessary to fully complete the water construction project and/or to fully use the permitted quantity of water under the terms and conditions of your permit. Should this request be approved, it will be OWRD's expectation that you will complete your project within the new time period allowed. Future extensions may not be granted.
- A separate Application for Extension of Time must be submitted for each permit. OAR 690-315-0020(2).
- An instruction sheet (Instructions for Filling Out Extension of Time Application for Permits) provides details that will help you answer each question on the application. Permit extensions are evaluated under OAR Chapter 690, Division 315. These rules may be viewed at:
<http://www.wrd.state.or.us/OWRD/LAW/index.shtml>.

- You may provide OWRD with any additional information or evidence that will aid us in making our decision. Please note that OWRD may require other information that is necessary to evaluate the application. OAR 315-0020(3)(n).
- After careful review of the Application for Extension of Time, you may contact OWRD at (503) 986-0900, to ask questions and request assistance from a Permit Extensions Specialist in the Water Rights and Adjudications Division.
- Once an Application for Extension of Time is received by OWRD, it will be reviewed for completeness. OWRD will return any incomplete or deficient applications to the applicant. OAR 690-315-0040(1)(a).

Reference Materials Needed to Complete this Application:

- The water right permit. If needed, a copy of the water right permit can be downloaded from the Department's Website at <http://www.wrd.state.or.us> (find the link to the Water Rights Information System (WRIS)). Or, a copy of the permit (or other documents) may be requested by water right application number from the Water Rights Division at 503-986-0900 (copy fees will apply).
- Documentation which demonstrates compliance with permit conditions (for example, well construction logs; static water level measurement reports; annual water use reports; ODFW fish screen certification; a plan to monitor the effect of water use on ground water aquifers utilized under the permit; etc.).

Answer the Following Questions to Complete this Application for Extension of Time

- [OAR 690-315-0020(3)(d)]
1. Did the actual construction of the water system/well drilling begin within the time specified in the permit? Yes No



TIP: Not all permits specify a date by which construction was to begin.

Date construction began is: 9-25-1998

Details of construction: Started Drilling well #8

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2. Permits typically contain standard or special conditions that must be satisfied to lawfully develop and use permitted water. In the development of this water right, have you satisfied the conditions contained in your permit? Yes No

2-A) Describe how you have complied with each condition contained in the original permit [and, if applicable, each condition contained in any order approving a permit amendment and/or a final order approving a prior extension of time]. Include the date when the condition was satisfied.



TIP: The instruction sheet for the Application for Extension of Time provides an explanation of the typical conditions that must be addressed in this question.

CHART-A

Condition No.**	Date Satisfied	Describe How Permit Condition Has Been Satisfied
1	2003	Flow meters installed
2	2007	Recorded water measurements - Impact Statement 2007
3	10-19-98	Well #8 was finished
	2-20-99	Well #9 was finished

** Condition No: Hand-number each condition on a copy of your permit (and, if applicable, permit amendment and prior extension).

2-B) If you have NOT complied with all applicable conditions, explain the reasons why and indicate with a date certain (in the near future) when compliance will occur.

CHART-B

Condition No.**	Date Will Comply	Explain Why Each Permit Condition Has NOT Been Satisfied
	2007	All conditions were satisfied

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** Condition No: Hand-number each condition on a copy of your permit (and, if applicable, permit amendment and prior extension).

3. Provide evidence of physical progress made toward completion of the water system, and of progress made toward making beneficial use of water within the permitted time period (CHART-C); and if applicable, within the time period of the most recent extension granted (CHART-D).

3-A) CHART-C (below) must be completed for all Application for Extension of Time requests. Use chronological order.

CHART-C

DATE	WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List any work done before the permit was issued - eg. well drilled.</i>	COST*
9-1999		
10-19-98 2-20-99	Drilled wells 8 & 9	\$ 60,000

DATE	WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED and PRIOR TO DATE SPECIFIED IN PERMIT FOR COMPLETE APPLICATION OF WATER <i>List work/actions done during the permitted time period.</i>	COST*
10-2003		
9-1999	Date the permit was signed - find date above signature on last page of permit.	
2000	installed Pumps, meters, mainline	\$ 61,450
2000	installed Pivots #3 and #10	\$ 113,600
7-30-2000	Date the permit specified "Actual Construction Work" shall begin ("A-Date") -not all permits contain this date.	
2003	all work was completed and water used	
10/1/1003	Date the permit specified complete application of water to the use shall be made ("C-Date") - all permits contain this date.	

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CHART-C (continued)

DATE	WORK ACCOMPLISHED AFTER "C-DATE" <u>COMPETE ONLY IF THIS IS YOUR 1st APPLICATION FOR EXTENSION OF TIME:</u> <i>List work done after the date specified in the permit for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
	all work was completed	
Total Cost for Chart-C		\$ 234,050

* If exact cost is not known, you must provide your best estimate.

3-B) If this is not your 1st Application for Extension of Time request, fill out CHART-D below (in addition to CHART-C above). Use chronological order.

CHART-D

DATE	WORK ACCOMPLISHED DURING THE LAST EXTENSION PERIOD <i>List all work done during the last authorized extension period.</i>	COST*
10/1/	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
	NA	
	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	

CHART-D (Continued)

DATE	WORK ACCOMPLISHED AFTER THE LAST EXTENSION PERIOD EXPIRED <i>List all work done after the last authorized date for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
	NA	
Total Cost of Chart-D		

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* If exact cost is not known, you must provide your best estimate.

[OAR 690-315-0020(3)(f)]

4. Cost of project to date: \$ 234,050
(The total combined cost from CHART-C and CHART-D)

[OAR 690-315-0020(3)(e)(B)]

5. Provide evidence of the maximum rate (or duty, if applicable) of water diverted for beneficial use under this permit and/or prior extensions of time (if any) made to date.



TIP: Report the rate used to date. Unless full beneficial use has been made, this rate will be less than the rate authorized on the permit.

5-A) For Surface Water Permit Extensions (e.g. S-XXXX or R-XXXX):



TIP: Report the rate in the same units of measurement as specified in the permit.

Maximum rate used to date = _____ cfs (cubic feet per second) or,

Maximum rate used to date = _____ gpm (gallons per minute) or,

Acre-feet stored to date = _____ AF

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5-B) For Ground Water Permit Extensions (e.g. G-XXXX):



TIP: Include information from ALL wells that pertain to this permit including drilled wells not currently used.

CHART-E

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED					If yes, provide the Permit, Certificate, or Transfer No.
			Well Log Number e.g. MORR 50473	Well Tag Number e.g. # 27566 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment? (See 5-C below)	Maximum instantaneous rate used from this well -- under this permit only (CFS or GPM)	Is this well authorized or utilized under additional water rights?	
8	8	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HARN 50362	L-21297	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	1.54 CFS	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	G-13539
9	9	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	HARN 50392	L-28434	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	1.54 CFS	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	-
		Yes <input type="checkbox"/> No <input type="checkbox"/>			Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	-
		Yes <input type="checkbox"/> No <input type="checkbox"/>			Yes <input type="checkbox"/> No <input type="checkbox"/>		Yes <input type="checkbox"/> No <input type="checkbox"/>	-
Total instantaneous rate from all wells utilized under this permit						3.08		

5-C) If the drilled location of a well is not authorized on this permit, please specify its location below, or provide a map showing its location. Has or will a permit amendment application been/be filed? Yes No

If a Permit Amendment Application has been filed: Transfer No. T-_____

Well # _____: Actual location: _____

Well # _____: Actual location: _____

[OAR 690-315-0020(3)(e)(C)]

6. Provide the total number of acres irrigated to date under this permit (if applicable).

Total acres irrigated to date: 246.4

Ground Water Permits: Please specify which wells are being utilized for this irrigation.

Well # 8 Acres 120.8 Well # Acres

Well # 9 Acres 125.6 Well # Acres

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[OAR 690-315-0020(3)(g)]

7. Provide a summary of your future plans and schedule to complete the construction of the water system, and/or apply water to full beneficial use under the terms and conditions of the permit.

CHART-F

APPROXIMATE DATE RANGE (projected)	WORK OR ACTION TO BE ACCOMPLISHED (projected)	ESTIMATED COST (projected)
2010	acquire an extension of Time	\$ 500.00
2010	Permit Amendment APOA (well)	1850.00
Year:	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
Total Cost		\$ 2350.00

[OAR 690-315-0020(3)(g)]

8. Estimated remaining cost to complete the project: \$ 2350.00
(The total cost from CHART-F)

[OAR 690-315-0020(3)(h)]

9. List the reasons why the project was not constructed, and/or water was not beneficially used within permit time limits. Provide supporting information for the reason(s) that best fits your circumstances (A, B, C or D).

9-A) The project is of a size and scope that was originally planned to be phased in over a time frame longer than the one allowed in the permit.

X The work was completed but failed to have a final Proof done by a CWRE

9-B) The financial resources needed to develop the project precluded completion of the project within authorized time frames.

9-C) Good faith attempts to comply with permit conditions and/or acquire permits from other agencies, or otherwise comply with government regulations, delayed completion of the project.

9-D) Acts of God or other unforeseen events delayed full development of the water system and use of water within the authorized time frames.

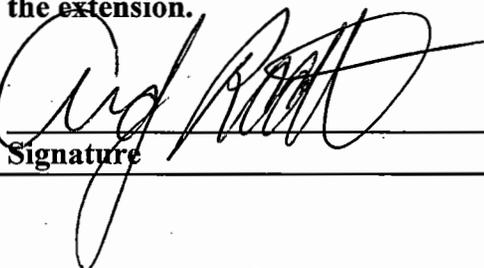
[OAR 690-315-0020(3)(k)]

10. Justify the time requested to complete the project and/or apply the water to full beneficial use. Your justification should combine information from your answers from Questions 2-B, 7, 8, and 9 of this Application for Extension of Time, and should also include any other information or evidence to establish that the requested amount of time is sufficient and that you will be able to complete the project within the amount of time requested.

11. Provide any other information you wish OWRD to consider while evaluating your Extension of Time Application.

X We only have one CWRE in this area who is very hard to hire. He is engineer for City of Hines, City of Burns Harney County and Land Surveyor.

I am the permit holder, or have authorization from the permit holder, to apply for an extension of time under this permit. I understand that false or misleading statements in this extension application are grounds for OWRD to suspend processing of the request and/or reason to deny the extension.


Signature

3-30-10
Date

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app 6-14078

app 6-14000
P-1

app 6-12770

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WATER RESOURCES DEPT
SALEM OREGON

User ID 28096

Andy Root

524 Hwy 20N

Hines OR 97738

L-35525
Well #1 Pod 47870 ✓

L-35536
Well #2 Pod 47871 ✓

L-35532
Well #3 Pod 47872 ✓

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

meter # 16521890

362,680 KWH

meter # 97131155

204,220 Kwh

Combined HP = 258

566,900

X .75 basic KWH/HP if meter is accurate

193.5

Total KWH $\frac{566,900}{193.5} = \frac{2929.7}{24} = 122.1$ days

COPY

Water Pumped $\frac{2800 \text{ GPM}}{450 \text{ -10FS}} = 6.22 \text{ CFS} = 12.44 \text{ acft/day}$

$12.44 \text{ acft/day} \times 122.1 \text{ days} = \frac{1518.9 \text{ acft/yr}}{375 \text{ acres}} = 4.1 \text{ acft/ac/yr}$

L-16814
Well #4 Pod 47873

meter # 21467136 = 162,785 Kwh

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

HP 85

X .75 basic KWH/HP

63.75

$\frac{162,785 \text{ Kwh}}{63.8} = \frac{2551.5}{24} = 106.3$ days

Water Pumped $\frac{1650 \text{ GPM}}{450 \text{ 10FS}} = 3.67 \text{ CFS} = 7.34 \text{ acft/day}$

$106.3 \text{ days} \times 7.34 \text{ acft/day} = \frac{779.5}{250} = 3.12 \text{ acft/ac/yr}$

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L-35538
Well # 5 Pod ID# 47874

L-28438
Well # 6 Pod I.D. 47875

WATER RESOURCES DEPT
SALEM, OREGON

Meter # 99180170 = 152680 Kwh

Pivot # 9 = 125 acres Permit G-13539, 7920

$$\begin{array}{l} \text{HP} = 79.2 \\ \times .75 \\ \hline 59.4 \text{ Kwh} \end{array} \quad \frac{152680 \text{ Kwh}}{59.4} = \frac{2570.4}{24} = 107.1 \text{ days}$$

$$\frac{650 \text{ GPM}}{450 \text{ CFS}} = 1.89 \text{ CFS} = 3.78 \text{ acft/day}$$

$$107.1 \text{ days} \times 3.78 \text{ acft/day} = \frac{404.6}{125 \text{ acres}} = 3.21 \text{ acft/ac/yr}$$

Well # 7 Not used Pod 47876 Permit G-13539 ✓

L-35535
Well # 8 Pod I.D. : 48472 Meter # 97131155 = 204220 Kwh

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

$$\begin{array}{l} 108.4 \text{ HP} \\ \times .75 \text{ basic Kwh/HP} \\ \hline 81.3 \text{ Kwh} \end{array} \quad \frac{204220 \text{ Kwh}}{81.3 \text{ Kwh}} = \frac{2511.9 \text{ hrs}}{24} = 104.7 \text{ days}$$

$$\frac{3600 \text{ GPM}}{450} = 8 \text{ CFS} = 16 \text{ acft/day}$$

$$104.7 \text{ days} \times 16 \text{ acft/day} = \frac{16746 \text{ acft}}{575 \text{ acres}} = 2.91 \text{ acft/ac/yr}$$

L-28334
Well # 9 Pod I.D. 48473 Meter # 84213406 = 340120 Kwh

Pivot # 10 125 acres Permit G-13730

$$\begin{array}{l} 199 \text{ HP} \\ \times .75 \text{ Kwh/HP} \\ \hline 149.3 \text{ Kwh} \end{array} \quad \frac{340120}{149.3} = \frac{2278.1 \text{ hr}}{24 \text{ hr}} = 94.9 \text{ days}$$

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

$$4 \text{ acft/day} \times 94.9 \text{ days} = \frac{379.6 \text{ acft}}{125 \text{ ac}} = 3.01 \text{ acft/ac/yr}$$

APR 11 2008

WATER RESOURCES DEPT
SALEM OREGON

Well # 10 L-35540

Meter # 23267949 = 179771 Kwh

Pivot # 13 = 113.2 acres
79.2 HP

(app)
Permit G-14743 - permit of 12002

.75 basic Kwh/HP

$$\frac{59.4 \text{ Kwh}}{\frac{179771 \text{ Kwh}}{59.4 \text{ Kwh}}} = \frac{3026.5 \text{ hr}}{24 \text{ hr}} = 126.1 \text{ days}$$

$$\frac{900 \text{ Gpm}}{450 \text{ cfs}} = 2 \text{ cfs} = 4 \text{ acft/day}$$

$$126.1 \text{ days} \times 4 \text{ acft/day} = 504.4 \text{ acft} = 113.2 \text{ ac} = \boxed{4.1 \text{ acft/ac/yr}} \checkmark \text{voluntary data}$$

L-36501

Well # 11 Pod 1d. 61653

Meter # 84183262 = 88593

47 HP
.75 Kwh/HP
35.3 Kwh

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

$$\frac{88593}{35.3} = \frac{2509.7}{24} = 104.6 \text{ days}$$

$$\frac{700 \text{ Gpm}}{450 \text{ cfs}} = 1.56 \text{ cfs} = 3.12 \text{ acft/day}$$

$$104.6 \text{ days} \times 3.12 \text{ acft/day} = \frac{326.3 \text{ acft}}{250 \text{ acres}} = \boxed{1.31 \text{ acft/ac/yr}} \checkmark$$

COPY

Well # 12 L-36501

Meter # 84183259 = 36168 Kwh

Permit G-7920

Pivots 11 & 12 = 250 acres P.G. 12931

40 HP
.75
30 Kwh

$$\frac{36168 \text{ Kwh}}{30 \text{ Kwh}} = \frac{1205.6 \text{ hr}}{24} = 50.2 \text{ days}$$

not sure where
well # 12, 13, 14, 15
belongs to.

$$\frac{400 \text{ Gpm}}{450 \text{ cfs}} = .89 = 1.78 \text{ acft/day}$$

$$50.2 \text{ days} \times 1.78 \text{ acft/day} = \frac{89.4}{250 \text{ ac}} = \boxed{.35 \text{ acft/ac/yr}}$$

APR 11 2000

WATER RESOURCES DEPT
SALEM OREGON

Well # 13 L-36000 meter # 84183261 = 99880 Kwh

Pivots 11 & 12 = 250 acres Permits 6-7920, 12931
 47 HP
 $\frac{.75}{35.3} \times \frac{99880 \text{ Kwh}}{35.3 \text{ Kwh}} = \frac{2829.5 \text{ hr}}{24} = 117.9 \text{ days}$

$\frac{800 \text{ GPM}}{450 \text{ CFS}} = 1.78 \text{ CFS} = 3.56 \text{ acft/day}$
 $3.56 \text{ acft/day} \times 117.9 \text{ days} = \frac{419.7 \text{ acft}}{250 \text{ ac}} = 1.68 \text{ acft/ac/yr}$

Note wells 11, 12, 13 same pivots 11 & 12
 well 11 = 1.31
 well 12 = 1.35
 well 13 = 1.68
3.34 acft/ac/yr

Well # 14 meter # 84906052 44,880 Kwh

Wheel Lines 80 acres
 90 HP
 $\frac{.75 \text{ kwh/HP}}{67.5 \text{ Kwh}} \times \frac{44880 \text{ Kwh}}{67.5} = \frac{664.9}{24} = 27.7 \text{ days}$

$\frac{650 \text{ GPM}}{450 \text{ CFS}} = 1.44 \text{ CFS} = 2.88 \text{ acft/day}$
 $2.88 \text{ acft/day} \times 27.7 \text{ days} = \frac{80.0 \text{ acft}}{80 \text{ acres}} = 1.0 \text{ acft/ac/yr}$

Well # 15 meter # 79160385 = 146900 Kwh

125 HP
 $\frac{.75}{93.75 \text{ Kwh}} \times \frac{146900 \text{ Kwh}}{93.75 \text{ Kwh}} = \frac{1566.9}{24} = 65.3 \text{ days}$

Pivot # 17 = 120 acres
 $\frac{960 \text{ GPM}}{450 \text{ CFS}} = 2.13 \text{ CFS} = 4.26 \text{ acft/day}$
 $4.26 \text{ acft/day} \times 65.3 \text{ days} = \frac{278.1}{120} = 2.32 \text{ acft/ac/yr}$

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Leathers

APR 11 2008

WATER RESOURCES DEPT
SALEM, OREGON

Well #1 HARN 1094

Meter # 86195924 = 316800 Kwh

Pivots 1, 2 & 3 = 412 acres Permit # G-12841

$$\frac{200 \text{ HP}}{.75 \text{ Kwh/HP}} \quad \frac{316800}{150} = \frac{2112}{24} = 88 \text{ days}$$

150 Kwh

$$\frac{2300 \text{ GPM}}{450} = 5.1 \text{ CFS} = 10.2 \text{ acft/day}$$

$$10.2 \text{ acft/day} \times 88 \text{ days} = \frac{899.6 \text{ acft}}{412 \text{ ac}} = 2.18 \text{ acft/ac/yr}$$

Well #2

Meter # 86195925 = 291280 Kwh

Pivot #4 125 acres P-G-9419

$$\frac{200 \text{ HP}}{.75} \quad \frac{291280 \text{ Kwh}}{150 \text{ Kwh}} = \frac{1941.9 \text{ hrs}}{24 \text{ hr}} = 80.9 \text{ days}$$

150 Kwh

$$\frac{710 \text{ GPM}}{450 \text{ CFS}} = 1.58 \text{ CFS} = 3.16 \text{ acft/day}$$

$$3.16 \text{ acft/day} \times 80.9 \text{ days} = \frac{255.3 \text{ acft}}{125 \text{ ac}} = 2.04 \text{ acft/ac/yr}$$

Well #3 270 acres meter # 10664716 = 133400 Kwh

$$\frac{144.5 \text{ HP}}{.75} \quad \frac{133400 \text{ Kwh}}{108.4 \text{ Kwh}} = \frac{1230.6}{24} = 51.3 \text{ days}$$

108.4 Kwh

$$\frac{1520 \text{ GPM}}{450 \text{ CFS}} = 3.38 \text{ CFS} = 6.76 \text{ acft/day}$$

$$6.76 \text{ acft/day} \times 51.3 \text{ days} = \frac{346.6 \text{ acft}}{270} = 1.28 \text{ acft/ac/yr}$$

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P-2

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WATER RESOURCES DEPT
SALEM OREGON

Leathers

Well #4

meter # 85303372 = 85064 Kwh

Permit G-9419 Pivot #7 = 60 acres 50 HP

$$\begin{array}{r} 50 \text{ HP} \\ \times 1.75 \text{ Kwh/HP} \\ \hline 87.5 \text{ Kwh} \end{array}$$

$$\frac{85064 \text{ Kwh}}{37.5 \text{ Kwh}} = \frac{2268.4 \text{ hrs}}{24} = 94.5 \text{ days}$$

$$\frac{340 \text{ GPM}}{450 \text{ CFS}} = 1.76 \text{ CFS} = 1.52 \text{ acft/day}$$

$$1.52 \text{ acft/day} \times 94.5 \text{ days} = \frac{143.7 \text{ acft}}{60 \text{ acres}} = 2.39 \text{ acft/ac/yr}$$

Well #5

meter # 87114608 = 320800 Kwh

application G-16460 Pivots 8 1/9 = 300 acres

$$\begin{array}{r} 200 \text{ HP} \\ \times 1.75 \\ \hline 350 \end{array}$$

$$\frac{320800 \text{ Kwh}}{1.50 \text{ Kwh}} = \frac{2138.7 \text{ hr}}{24} = 89.1 \text{ days}$$

$$\frac{1685 \text{ GPM}}{450 \text{ CFS}} = 3.74 \text{ CFS}$$

$$3.74 \text{ CFS} = 7.49 \text{ acft/day}$$

$$7.49 \text{ acft/day} \times 89.1 \text{ days} = \frac{667.3}{300 \text{ ac}} = 2.22 \text{ acft/ac/yr}$$

Well #6

meter # 85755346 = 121606 Kwh

P-G-16150 Pivot 11 = 138.5 acres 50 HP

$$\begin{array}{r} 50 \text{ HP} \\ \times 1.75 \\ \hline 87.5 \end{array}$$

$$\frac{121606}{37.5} = \frac{3242.8}{24} = 135.1 \text{ days}$$

$$\frac{280 \text{ GPM}}{450 \text{ CFS}} = 1.73 \text{ CFS} = 3.47 \text{ acft/day}$$

$$3.47 \text{ acft/day} \times 135.1 \text{ days} = \frac{468.4 \text{ acft}}{138.5 \text{ ac}} = 3.38 \text{ acft/ac/yr}$$

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Leathers

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WATER RESOURCES DEPT
SALEM OREGON

Well # 7 L-72707
Horn 51272 meter No meter in 2008

Well # 8 Horn 1096 meter 8530372 = 85064 kWh

Application G-16460 Pivot # 10 = 97.5 acres 50 HP

$$\frac{50 \text{ HP}}{\times .75 \text{ kWh/HP}} = \frac{85064}{37.5} = \frac{2268.4 \text{ hrs}}{24} = 94.5 \text{ days}$$

$$\frac{550 \text{ GPM}}{450 \text{ CFS}} = 1.22 \text{ CFS} = 2.44 \text{ acft/day}$$

$$2.44 \text{ acft/day} \times 94.5 \text{ days} = \frac{230.6 \text{ acft}}{97.5} = 2.36 \text{ acft/ac/yr}$$

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Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1266
503-986-0900
FAX 503-986-0904

February 8, 2010

Andy Root
524 Hwy 20 N
Hines, OR 97738

REFERENCE: Permit Amendment Application

On February 3, 2010, the Department received an application for a Permit Amendment and an Exempt Use Well Invoice, and a check totaling \$1200.00.

We cannot accept your Permit Amendment application at this time. The Department is unable to accept a Permit Amendment application for any permit that has: **1) a completion date that has expired;** 2) a pending permit extension of time application on file with the Department; or 3) a pending claim of beneficial use report on file with the Department.

The Department is returning the application and check totaling \$1200.00. Once the Department issues a final order approving an extension of time for Permit G-13539 and G-13730, you may then return the permit amendment application.

I am sending Mr. Beal the extension of time applications; also once the extensions are approved a new permit amendment application will need to be completed.

If you have questions regarding the extension application, you may contact Scott Kudlemyer at 503-986-0813 for further assistance.

If you have any questions regarding the permit amendment or this letter, please feel free to contact me at 503-986-0883.

If you have any questions regarding the Exempt Use Well Invoice, you may contact Joel Jeffery at 503-986-0861.

Sincerely,

Sarah Henderson
Executive Support
Field Services Division

Enclosure

cc: File G-14678 (Permit G-13539)
~~File G-14888 (Permit G-13730)~~
Scott Kudlemyer, Water Right Extensions
WM District 10
William Beal, Agent
Fiscal





Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

app 6-14678

app ~~6-14885~~

app 6-12770

app 6-8573

41107

October 6, 2008

ANDY ROOT
RATTLE SNAKE LAND & CATTLE
524 HWY 20 N
HINES, OR 97738

REFERENCE: User Id and Password 28096

Dear Water User,

You are receiving this letter as a reminder of a water use reporting requirement listed on a water right. Online reporting is available at our web site (www.wrd.state.or.us). To begin, locate the *Water Use Reporting* link under *Featured Links*. By clicking this link, your browser will open a new page where you will be able to log in with your User Id and Password (above). Once you are logged in, the *Select* link will allow you to add data for a particular diversion. Please remember to report zeros for any given month when water was not used. Online reporting will be available through March 31, 2009. If the internet is not accessible, you may use the form provided on the back of this letter to submit your monthly water use data.

Although much effort has been done to add new permits to the Water Use Reporting database, there still may be diversions not included on the web site. Please be aware that most Transfer orders approved within the last few years will not likely appear online. If you notice a diversion not listed that should be, you can either use the form provided to report water use or let me know and we will add it to the database as soon as possible. Additionally, if you would like to designate a facility name for a diversion, please feel free to contact me.

For water rights authorizing less than 0.1 cubic foot per second (CFS) or 9.2 acre-feet, you may assume the maximum quantity allowed under the right and report that volume. For reporting purposes, please convert cubic feet per second to acre feet, using $(1.98)(\text{CFS})(\# \text{ of days used per month})$.

The time and effort of both recording and reporting your water use is greatly appreciated. If you have any questions or need additional time, please let me know.

Sincerely,

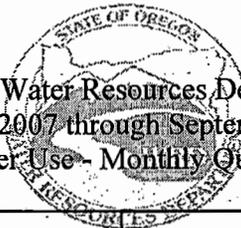
Alyssa Mucken
Water Measurement Specialist
Oregon Water Resources Department
Phone 503.986.0837 Fax 503.986.0902
alyssa.m.mucken@ wrd.state.or.us

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WATER RESOURCES DEPT
SALEM, OREGON

2007

Oregon Water Resources Department
 October 2007 through September 2008
 Annual Water Use - Monthly Quantities Form



USER-ID 28096

2008

Facility →				
Report ID →				
October - 2007				
November - 2007				
December - 2007				
January - 2008				
February - 2008				
March - 2008				
April - 2008				
May - 2008				
June - 2008				
July - 2008				
August - 2008				
September - 2008				
Total *				

*See attached
7 sheets*

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**WATER RESOURCES DEPT
SALEM OREGON**

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

Describe the method of measurement used: CGS/ac ft/ac/yr If used for irrigation, total number of acres irrigated: _____

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

Signature _____ Title _____ Reporting Entity _____ Date _____

Name _____ Mailing Address _____ Phone Number _____

Please complete and mail to: Oregon Water Resources Department; Water Use Reporting Program;
 725 Summer Street NE, Suite A; Salem, OR 97301-1266.

2008



Andy Root

User ID # 28096

Rattle Snake Land and Cattle

524 Hwy N

Hines OR 97738

L-35535
Well #1 Pod 47870

L-35536
Well #2 Pod 47871

L-35552
Well #3 Pod 47872

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

Meter # 16521890 = 298,080 kWh Meter # 97214937 = 150320 kWh

Total kWh = 448400 kWh

Total HP = 258

X .75 basic kWh/HP if meter is accurate

193.5

Total kWh $\frac{448,400}{193.5} = 2317.3$ hrs = 96.6 days

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SALEM, OREGON

Water Pumped $\frac{2800 \text{ GPM}}{448.8 \text{ (CFS)}} = 6.24 \text{ CFS} = 12.48 \text{ ac ft/day}$

$12.48 \text{ ac ft/day} \times 96.6 \text{ days} = \frac{1205.4 \text{ ac ft/yr}}{375 \text{ acres}} = 3.21 \text{ ac ft/ac/yr}$

✓ L-16814
Well #4 Pod 47873 Meter # 21467136 = 136,451 kWh

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

HP = 85
 $\frac{136,451 \text{ kWh}}{63.75} = \frac{2140.4 \text{ hrs}}{24} = 89.2 \text{ days}$
X .75 basic kWh/HP
63.75

Water Pumped $\frac{1650 \text{ GPM}}{448.8} = 3.68 \text{ CFS} = 7.35 \text{ ac ft/day}$

$7.35 \text{ ac ft/day} \times 89.2 \text{ days} = \frac{655.9 \text{ ac ft/yr}}{250 \text{ ac}} = 2.62 \text{ ac ft/ac/yr}$

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User ID # 28096

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

meter # 99180170 (New meter) 126,270 Kwh Pivot # 9 = 125 ac

Permit G-13539, G-7920

$$\frac{HP = 79.2}{1.75} = 45.26 \text{ basic Kwh/HP}$$

$$\frac{126,270 \text{ Kwh}}{59.4} = 2125.8 \text{ hrs} = 80.6 \text{ days}$$

$$\frac{850 \text{ GPM Pumped}}{448.8 \text{ CFS}} = 1.89 \text{ CFS} \times 2 = 3.79 \text{ acft/day}$$

$$80.6 \text{ days} \times 3.79 \text{ acft/day} = 305.6 \text{ acft/yr} = 2.45 \text{ acft/ac/yr}$$

Well # 7 ✓ L-35539 Not used Pod 47876 Permit G-13539, G-13730

Well # 8 L-35535 Pod ID # 48472 ✓ meter # 97131155 = 179,140 Kwh

Pivots 1, 2, 3 & 14 = 575 acres

$$\frac{108.4 \text{ HP}}{1.75 \text{ basic Kwh/HP}} = 61.94 \text{ basic Kwh/HP}$$

$$\frac{179,140 \text{ Kwh}}{81.3 \text{ Kwh}} = 2203.4 \text{ hrs} = 91.8 \text{ days}$$

$$\frac{3600 \text{ GPM}}{448.8 \text{ CFS}} = 8.02 \text{ CFS} \times 2 = 16.04 \text{ acft/day}$$

$$91.8 \text{ days} \times 16.04 \text{ acft/day} = 1472.7 \text{ acft/yr} = 2.56 \text{ acft/ac/yr}$$

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WATER RESOURCE
SALEM ORE

Well # 9 L-28534 Pod ID # 48473 ✓ meter # 84213406 = 260,280 Kwh

Pivot # 10 = 125 acres Permit G-13730

$$\frac{199 \text{ HP}}{1.75} = 113.71 \text{ basic Kwh/HP}$$

$$\frac{260,280 \text{ Kwh}}{149.3 \text{ Kwh}} = 1743.3 \text{ hrs} = 72.6 \text{ days}$$

$$\frac{900 \text{ GPM}}{448.8 \text{ CFS}} = 2.01 \text{ CFS} = 4.02 \text{ acft/day}$$

$$4.02 \text{ acft/day} \times 72.6 \text{ days} = 291.2 \text{ acft/yr} = 2.33 \text{ acft/ac/yr}$$

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Well # 10 L-35540 Meter # 23267949 = 249,843 Kwh

15 12.5 acres
Pivot # 13 = 113.2 acres Permit G-14743

79.2 HP

.75

59.4 Kwh

$$\frac{249,843 \text{ Kwh} - 4,206.1 \text{ hrs}}{59.4 \text{ Kwh} \quad 24} = 175.3 \text{ days}$$

$$\frac{900 \text{ GPM}}{448.8 \text{ CFS}} = 2.01 \text{ CFS} = 4.02 \text{ ac ft/day}$$

$$175.3 \text{ days} \times 4.02 \text{ ac ft/day} = \frac{703.1 \text{ ac ft/yr}}{238.2} = 2.95 \text{ ac ft/ac/yr}$$

L-36501

Well # 11 Pod 10 # 61653 Meter # 23535620 = 74,223 Kwh

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

47 HP

.75

35.3 Kwh

$$\frac{74,223 \text{ Kwh}}{35.3 \text{ Kwh} \quad 24} = 87.6 \text{ days}$$

$$\frac{700 \text{ GPM}}{448.8} = 1.56 \text{ CFS} = 3.12 \text{ ac ft/day}$$

$$3.12 \text{ ac ft/day} \times 87.6 \text{ days} = \frac{273.3 \text{ ac ft/yr}}{250} = 1.09 \text{ ac ft/ac/yr}$$

Well # 12 L-36501 / New Meter # 21467127 = 57,217 Kwh

Permit G-7920, G-12931 Pivots 11 & 12 - 250 acres

40 HP

.75

30 Kwh

$$\frac{57,217 \text{ Kwh}}{30 \text{ Kwh} \quad 24} = 79.5 \text{ days}$$

$$\frac{400 \text{ GPM}}{448.8 \text{ CFS}} = .89 \text{ CFS} = 1.78 \text{ ac ft/day}$$

$$79.5 \text{ days} \times 1.78 \text{ ac ft/day} = \frac{141.7 \text{ ac ft/yr}}{250 \text{ ac}} = .57 \text{ ac ft/ac/yr}$$

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SALEM, OREGON

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USER ID # 28096

Well # 13 L-36000 meter # 84183261 = 76,310 Kwh

Permits G-7920, G-12931 pivots 11 & 12 = 250 acres

$$\frac{47 \text{ HP}}{.75} \quad \frac{76,310 \text{ Kwh}}{35.3 \text{ Kwh}} = \frac{2161.8 \text{ hrs}}{24} = 90.1 \text{ days}$$

$$\frac{800 \text{ GPM}}{448.8 \text{ ICFs}} = 1.78 \text{ CFS} = 3.57 \text{ acft/day}$$

$$3.57 \text{ acft/day} \times 90.1 \text{ days} = \frac{321.2 \text{ acft/yr}}{250 \text{ acres}} = 1.29 \text{ acft/ac/yr}$$

Note wells # 11, 12 & 13 Serve Pivots 11 & 12 250 acres

Well 11 = 1.09 acft/ac/yr, Well 12 = .57 acft/ac/yr & well # 13 = 1.29 acft/ac/yr

$$1.09 + .57 + 1.29 = 2.95 \text{ acft/ac/yr}$$

Well # 14 meter # 84906052 = 43,400 Kwh

Wheel Lines 80 acres

$$\frac{90 \text{ HP}}{.75} \quad \frac{43,400 \text{ Kwh}}{67.5 \text{ Kwh}} = \frac{643 \text{ hrs}}{24} = 26.8 \text{ days}$$

$$\frac{650 \text{ GPM}}{448.8 \text{ ICFs}} = 1.45 \text{ CFS} = 2.9 \text{ acft/day}$$

$$2.9 \text{ acft/day} \times 26.8 \text{ days} = \frac{77.6 \text{ acft/yr}}{80} = .97 \text{ acft/ac/yr}$$

Well # 15 meter # 04389602 = 109,918 Kwh

Pivot # 17 120 acres

$$\frac{125 \text{ HP}}{.75} \quad \frac{109,918 \text{ Kwh}}{93.8 \text{ Kwh}} = \frac{1171.8}{24} = 48.8 \text{ days}$$

$$\frac{960 \text{ GPM}}{448.8 \text{ ICFs}} = 2.14 \text{ CFS} = 4.28 \text{ acft/day}$$

$$4.28 \text{ acft/day} \times 48.8 \text{ days} = \frac{208.8 \text{ acft/yr}}{120 \text{ acres}} = 1.74 \text{ acft/ac/yr}$$

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SALEM, OREG

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Leathers Ranch

User ID # 28096

Well #1 Horn 1094 meter # 861195924 = 330,140 Kwh

Pivots 1, 2 & 3 = 412 acres Permit G-12841

$$\frac{200 \text{ HP}}{.75} \quad \frac{330140 \text{ Kwh}}{150 \text{ Kwh}} = \frac{2200.9}{24} = 91.7 \text{ days}$$

150 Kwh

$$\frac{2300 \text{ GPM}}{448.8 \text{ cfs}} = 5.13 \text{ cfs} = 10.26 \text{ acft/day}$$

$$10.26 \text{ acft/day} \times 91.7 \text{ days} = \frac{939.9 \text{ acft/yr}}{412 \text{ ac}} = 2.28 \text{ acft/ac/yr}$$

Well #2 meter # 86195925 = 285166 Kwh

Pivot #4 125 acres Pivot 5 135 ac Permit G-9419

$$\frac{200 \text{ HP}}{.75} \quad \frac{285166 \text{ Kwh}}{150 \text{ Kwh}} = \frac{1901.1 \text{ hr}}{24 \text{ hr}} = 79.2 \text{ days}$$

150 Kwh

$$\frac{1440 \text{ GPM}}{448.8 \text{ cfs}} = 3.20 \text{ cfs} \times 2 = 6.42 \text{ acft/day}$$

$$6.42 \text{ acft/day} \times 79.2 \text{ days} = \frac{508.2 \text{ acft/yr}}{260 \text{ ac}} = 1.96 \text{ acft/ac/yr}$$

Well #3 meter # 10664716 = 133080 Kwh

Pivots #6 = 135 acres Permits G-9419, G-5287

$$\frac{144.5 \text{ HP}}{.75} \quad \frac{133080 \text{ Kwh}}{108.8 \text{ Kwh}} = \frac{1227.7 \text{ hrs}}{24} = 51.2 \text{ days}$$

108.4 Kwh

$$\frac{960 \text{ GPM}}{448.8 \text{ cfs}} = 1.69 \text{ cfs} \times 2 = 3.38 \text{ acft/day}$$

$$3.38 \text{ acft/day} \times 51.2 \text{ days} = \frac{773.3 \text{ acft/yr}}{135 \text{ ac}} = 1.28 \text{ acft/ac/yr}$$

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WATER RESOURCES DEPT
SALEM, OREGON



Leathers Ranch

USER ID = 280

Well # 4

Meter # - 85303372 - 57,547 kWh

Permit G-9419 Pivot #7 60 acres

$$\frac{50 \text{ HP}}{1.75} = 37.5 \text{ kWh}$$

$$\frac{57,547 \text{ kWh}}{37.5 \text{ kWh}} = \frac{1534.6 \text{ hr}}{24} = 63.9 \text{ days}$$

$$\frac{340 \text{ GPM}}{448.8 \text{ CFS}} = .76 \text{ CFS} \times 2 = 1.52 \text{ ac ft/day}$$

$$1.52 \text{ ac ft/day} \times 63.9 \text{ days} = \frac{96.8 \text{ ac ft/yr}}{60} = 1.61 \text{ ac ft/ac/yr}$$

Well # 5

New Meter # 85755331 = 302160 kWh

Application G-16460 Permit G-16165 Pivots 89 = 300 acres

$$\frac{200 \text{ HP}}{1.75} = 150 \text{ kWh}$$

$$\frac{302,160 \text{ kWh}}{150 \text{ kWh}} = \frac{2014.4 \text{ hrs}}{24} = 83.9 \text{ days}$$

$$\frac{1685 \text{ GPM}}{448.8 \text{ CFS}} = 3.75 \text{ CFS} \times 2 = 7.51 \text{ ac ft/day}$$

$$7.51 \text{ ac ft/day} \times 83.9 \text{ days} = \frac{630 \text{ ac ft/yr}}{300 \text{ ac}} = 2.10 \text{ ac ft/ac/yr}$$

Well # 6

Meter # 85755346 = 126487 kWh

Permit G-16150 Pivot 11 = 138.5 acres 50 HP

$$\frac{50 \text{ HP}}{1.75} = 37.5 \text{ kWh}$$

$$\frac{126,487 \text{ kWh}}{37.5 \text{ kWh}} = \frac{3373 \text{ hrs}}{24} = 140.5 \text{ days}$$

$$\frac{780 \text{ GPM}}{448.8} = 1.74 \text{ CFS} \times 2 = 3.48 \text{ ac ft/day}$$

$$3.48 \text{ ac ft/day} \times 140.5 \text{ days} = \frac{488.9 \text{ ac ft/yr}}{138.5 \text{ ac}} = 3.53 \text{ ac ft/ac/yr}$$

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SALEM, OR

User ID # 28096

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L-72707

Well #7 Harn 51272

New Meter 89501089 = 217160 Kwh

Permit G-16150 Pivots 12 + 13 = 132.8 acres

$$\begin{array}{l} 250 \text{ HP} \\ \times .75 \\ \hline 187.5 \text{ Kwh} \end{array} \quad \frac{217160 \text{ Kwh}}{187.5 \text{ Kwh}} = \frac{1158.2 \text{ hrs}}{24} = 48.3 \text{ days}$$

$$\frac{1200 \text{ GPM}}{448.8 \text{ CFS}} = 2.67 \text{ CFS} \times 2 = 5.35 \text{ acft/day}$$

$$5.35 \text{ acft/day} \times 48.3 \text{ days} = \frac{258.3 \text{ acft/yr}}{132.8 \text{ ac}} = 1.95 \text{ acft/ac/yr}$$

Well #8 Harn 1096 New Meter #97879956 = 83,768 Kwh

Permit G-16165 Pivot #10 97.5 acres

$$\begin{array}{l} 60 \text{ HP} \\ \times .75 \\ \hline 45 \text{ Kwh} \end{array} \quad \frac{83768 \text{ Kwh}}{45 \text{ Kwh}} = \frac{1861.4 \text{ hrs}}{24} = 77.6 \text{ days}$$

$$\frac{600 \text{ GPM}}{448.8 \text{ CFS}} = 1.34 \text{ CFS} \times 2 = 2.68 \text{ acft/day}$$

$$2.68 \text{ acft/day} \times 77.6 \text{ days} = \frac{207.5 \text{ acft/yr}}{97.5 \text{ ac}} = 2.13 \text{ acft/ac/yr}$$

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WATER RESOURCES DEPT
SALEM, OREGON



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department
North Mall Office Building
725 Summer Street NE, Suite A
Salem, OR 97301-1271
503-986-0900
FAX 503-986-0904

app G-12770
app G-14678
app ~~G-14688~~
app G-16983

October 30, 2006

ANDY ROOT,
PO BOX 946, 72163 RATTLESNAKE RD
BURNS, OR 97720

> New address:
524 Hwy 20 N. ✓ updated db
Hmes, OR 97738

REFERENCE: USER_ID 28096

Dear Water User:

We appreciate your continued cooperation with the Water Use Reporting program. We again request that you report your water use online. If you need to report on a new water right not in the reporting database, you will need to submit a hard copy form. A 2006 monthly quantities form is printed on the reverse.

To report monthly quantities data online, go to our web page at www.wrd.state.or.us and click on the link 'Water Use Reporting' under 'current topics'. Then, click on 'Submit your water use report data' on the Water Use Reporting page. Your USER_ID number is both your Username and your Password to log in. To submit data for a point of diversion, scroll down to the point of diversion and click on 'Insert' to add data for that diversion. Enter the data for one point of diversion at a time. Be sure to be careful to choose the correct units, enter the monthly amounts diverted, and then click the 'Update' button. You will then be given the opportunity to review the data for that diversion to make sure it is correct. Please do so, as once data has been submitted by clicking the 'Submit' button, you cannot edit it. Also, please remember to enter a zero if you did not use a diversion during a month. At present, the system can receive data only for the 2006 water year (October 2005 – September 2006). If you wish to submit data for another year, you will need to submit a hard copy.

Finally, if you use small water right (less than 0.1 CFS or 9.2 AF) and do not measure monthly quantities, you may report the maximum volume allowed under the right. For rates in CFS,

$$AF = 1.98 * CFS * (\# \text{ of days in the month})$$

Thank you in advance. The data you provide is valuable for water management in Oregon.

Yours truly,

COPY

Gary L. Ball, PE, PLS
Hydrographics/Measurement & Reporting Manager
Voice: 503-986-0831, Fax: 503-986-0902
Gary.L.BALL@wrd.state.or.us

2005

Oregon Water Resources Department
October 2005 through September 2006
Annual Water Use - Monthly Quantities Form

USER-ID 28096

2006



Facility <small>WA</small> POD-ID <small>0</small>					
October - 2005					
November - 2005					
December - 2005					
January - 2006					
February - 2006					
March - 2006	<i>See attached (5) sheets</i>				COPY
April - 2006					
May - 2006					
June - 2006					
July - 2006					
August - 2006					
September - 2006					
TOTAL *					

* 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 - acft If use is irrigation, total number acres irrigated 2942 acres

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

[Handwritten Signature]

 Name - Please Print

Title

Reporting Entity

12/4/06
Date

Please complete and mail to: Water Resources Department, Water Use Reporting Program,
725 Summer Street NE, Suite A, Salem, OR 97301-1266.

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WATER RESOURCES DEPT
SALEM, OREGON

*B:11 Beal
5-11-573 646*

Andy Root

P.O. Box 946, 72163 RATTLE SNAKE RD

USER# 28096

BURNS, OR 97720

2005-2006

L-35536 ✓ L-35536 ✓ L-35532 ✓
Wells #1 Pod 47870, #2 Pod 47871, #3 Pod 47872

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

Meter # 16521890 Wells 1 & 2 = 154,400 Kwh

Meter # 97214937 Well # 3 = 88,500 Kwh

TOTAL 242,900 Kwh used

Combined HP = 258

$$\frac{242,900}{193.5} \times \frac{75 \text{ basic Kwh/HP}}{24} = \frac{1255.3 \text{ hrs}}{24} = 52.3 \text{ days}$$

Water pumped $\frac{2800 \text{ GPM}}{450 \text{ (1 cfs)}} = 6.22 \text{ cfs} = 12.4 \text{ ac ft/day}$

$$12.4 \text{ ac ft/day} \times 52.3 \text{ days} = \frac{648.6 \text{ ac ft/yr}}{375 \text{ acres}} = 1.73 \text{ ac ft/ac/yr} \checkmark$$

L-16814
Well #4 Pod = 47873 Meter # 21467136 = 188,272 Kwh
85 HP Permit G-13539, G-7920 Pivots 7 & 8 = 250 acres

$$\frac{188,272 \text{ Kwh}}{63.75} \times \frac{75 \text{ basic Kwh/HP}}{24} = \frac{2952.3 \text{ hrs}}{24} = 123.1 \text{ days}$$

Water Pumped $\frac{1250 \text{ GPM}}{450 \text{ (1 cfs)}} = 2.78 \text{ cfs} = 3.56 \text{ ac ft/day}$

$$123.1 \text{ days} \times 3.56 \text{ ac ft/day} = \frac{438.2 \text{ ac ft}}{250 \text{ acres}} = 1.75 \text{ ac ft/ac/yr} \checkmark$$



Andy Root

P-2 of 5

User ID-280

L-35538

L-28438

Well # 5 Pod-47874V

Well # 6 Pod 47875 V Pivot 9 = 125 acres

Meter # 99180170 = 77,550 Kwh

HP = 79.2

x .75

$$\frac{77,550 \text{ Kwh}}{59.4} = \frac{1305.6 \text{ hrs}}{24} = 53.4 \text{ days}$$

59.4

$$\frac{850 \text{ GPM}}{450 \text{ (1 cfs)}} = 1.89 \text{ cfs} = 3.78 \text{ ac ft/day}$$

$$53.4 \text{ days} \times 3.78 \text{ ac ft/day} = \frac{205.6 \text{ ac ft}}{125 \text{ ac}} = 1.65 \text{ ac ft/yr}$$

L-35539

Well # 7 Pod 47876

Permit G-13539 Not used this year

L-35535

Well # 8 Pod-48472

Meter # 97131155 = 175,960 Kwh

108.4 HP Pivots 1, 2, 3, & 14 = 575 acres Permit G-13539, 5-1

$$\frac{x .75 \text{ basic Kwh/HP}}{81.3} = \frac{175,960}{21.3} = \frac{2164.3 \text{ hrs}}{24} = 90.2 \text{ days}$$

81.3

$$\frac{3600 \text{ GPM}}{450 \text{ (1 cfs)}} = 8 \text{ cfs} = 16 \text{ ac ft/day}$$

$$90.2 \text{ days} \times 16 \text{ ac ft/day} = \frac{1443.2 \text{ ac ft}}{575 \text{ acres}} = 2.51 \text{ ac ft/yr}$$

L-28334

Well # 9 Pod 48473

Meter # 84213406 = 237,960 Kwh

199 HP

Permit G-13730 Pivot # 10 = 125 acres

x .75

$$\frac{237,960 \text{ Kwh}}{149.5} = \frac{1593.8 \text{ hrs}}{24} = 66.4 \text{ days}$$

149.5

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

$$66.4 \text{ days} \times 4 \text{ ac ft/day} = \frac{265.6 \text{ ac ft}}{125 \text{ acres}} = 2.13 \text{ ac ft/yr}$$

Andy Root

P-3 of 5

User I.P. 28906

Well # 10 1-35540

Meter # 23267949 = 113,573 Kwh

Pivot = 13 125 ac ^{Cappt} Perm. # G-14743

79.2 HP

permit 913402

.75 basic kwh/HP

$$\frac{113,573 \text{ Kwh}}{59.4} = \frac{1,912.0 \text{ hrs}}{24} = 79.7 \text{ days}$$

59.4

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

$$79.7 \text{ days} \times 4 \text{ ac ft/day} = \frac{318.7 \text{ ac ft}}{125 \text{ ac}} = 2.55 \text{ ac ft/ac/yr}$$

Well # 14

Meter # 04389602 = 62,544 Kwh

40 HP

80 acres wheel lines

1.25

$$\frac{62,544 \text{ Kwh}}{30} = \frac{2,084.8 \text{ hrs}}{24} = 86.9 \text{ days}$$

30

$$\frac{650 \text{ GPM}}{450 \text{ (loss)}} = 1.44 \text{ CFS} = 2.88 \text{ ac ft/day}$$

$$86.9 \text{ days} \times 2.88 \text{ ac ft/day} = \frac{250.2 \text{ ac ft}}{80} = 3.12 \text{ ac ft/ac/yr}$$

Well # 15

Pivot # 17 120 ac Meter # 79160385 = 117,492 Kwh

125 HP

.75

$$\frac{117,492 \text{ Kwh}}{93.75} = \frac{1,253.2 \text{ hrs}}{24} = 52.2 \text{ days}$$

93.75

$$\frac{960 \text{ GPM}}{450 \text{ (loss)}} = 2.13 \text{ CFS} = 4.26 \text{ ac ft/day}$$

$$52.2 \text{ days} \times 4.26 \text{ ac ft/day} = \frac{222.5 \text{ ac ft}}{120 \text{ ac}} = 1.85 \text{ ac ft/ac/yr}$$

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Andy Root

P-4 of 5

User ID - 289

L-5
Well # 1

L-5 Pivots

Meter # 86195924 = 166,640 Kwh

Pivots 1, 2, 3 = 412 acres Permit G-1284

200 HP

$$\frac{.75 \text{ basic Kwh/HP}}{150} \frac{166,640 \text{ Kwh}}{150} = \frac{1110.9 \text{ hrs}}{24} = 46.3 \text{ days}$$

$$\frac{2400 \text{ GPM}}{450 \text{ (1 cfs)}} = 5.33 \text{ cfs} = 10.66 \text{ ac ft/day}$$

$$46.3 \text{ days} \times 10.66 \text{ ac ft/day} = \frac{493.4 \text{ ac ft}}{412} = 1.2 \text{ ac ft/ac/yr}$$

L-5
Well # 2

Meter # 86195925 = 281,200 Kwh

Pivot = 412.5 acres Permit G-9419

200 HP

$$\frac{.75 \text{ basic Kwh/HP}}{150} \frac{281,200 \text{ Kwh}}{150} = \frac{1874.7 \text{ hrs}}{24} = 78.1 \text{ days}$$

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

$$78.1 \text{ days} \times 4 \text{ ac ft/day} = \frac{312.4 \text{ ac ft}}{125 \text{ acres}} = 2.5 \text{ ac ft/ac/yr}$$

L-5
Well # 3

Meter # 10664716 = 134,600 Kwh

Pivots 5 & 6 270 acres Permit G-9419

144.5 HP

$$\frac{.75 \text{ basic Kwh/HP}}{108.4} \frac{134,600 \text{ Kwh}}{108.4} = \frac{1241.7 \text{ hrs}}{24} = 51.7 \text{ days}$$

$$\frac{1400 \text{ GPM}}{450 \text{ (1 cfs)}} = 3.11 \text{ cfs} = 6.22 \text{ ac ft/day}$$

$$51.7 \text{ days} \times 6.22 \text{ ac ft/day} = \frac{321.8 \text{ ac ft}}{270 \text{ acres}} = 1.19 \text{ ac ft/ac/yr}$$

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P-5 of 5

User ID 28906

L-5
Well #4

99180169

Meter # 05308042

79,968 Kwh

Pivot #7 60 acres Perm. # G-9419

40 HP

$$\frac{.75 \text{ basic Kwh/HP}}{30} \times \frac{79,968 \text{ Kwh}}{30} \times \frac{2665.6 \text{ hrs}}{24} = 110.1 \text{ days}$$

$$\frac{300 \text{ GPM}}{450 \text{ (1-cfs)}} = .67 \text{ CFS} = 1.34 \text{ acft/day}$$

$$110.1 \text{ days} \times 1.34 \text{ acft/day} = \frac{148.8 \text{ acft}}{60 \text{ acres}} = 2.48 \text{ acft/ac/yr}$$

L-5
Well #5

New Meter # 85755331 = 281,120 Kwh

212 HP

Pivots 879 = 300 acres Appl. G-16460

$$\frac{.75 \text{ basic Kwh/HP}}{159} \times \frac{281,120 \text{ Kwh}}{159} = \frac{1768.1 \text{ hrs}}{24} = 73.7 \text{ days}$$

$$\frac{\text{Pumped } 1800 \text{ GPM}}{450 \text{ (1-cfs)}} = 4 \text{ CFS} = 8 \text{ acft/day}$$

$$73.7 \text{ days} \times 8 \text{ acft/day} = \frac{589.4 \text{ acft}}{300} = 1.97 \text{ acft/ac/yr}$$

Note The spring & Summer rains helped in reduced pumping

COPY

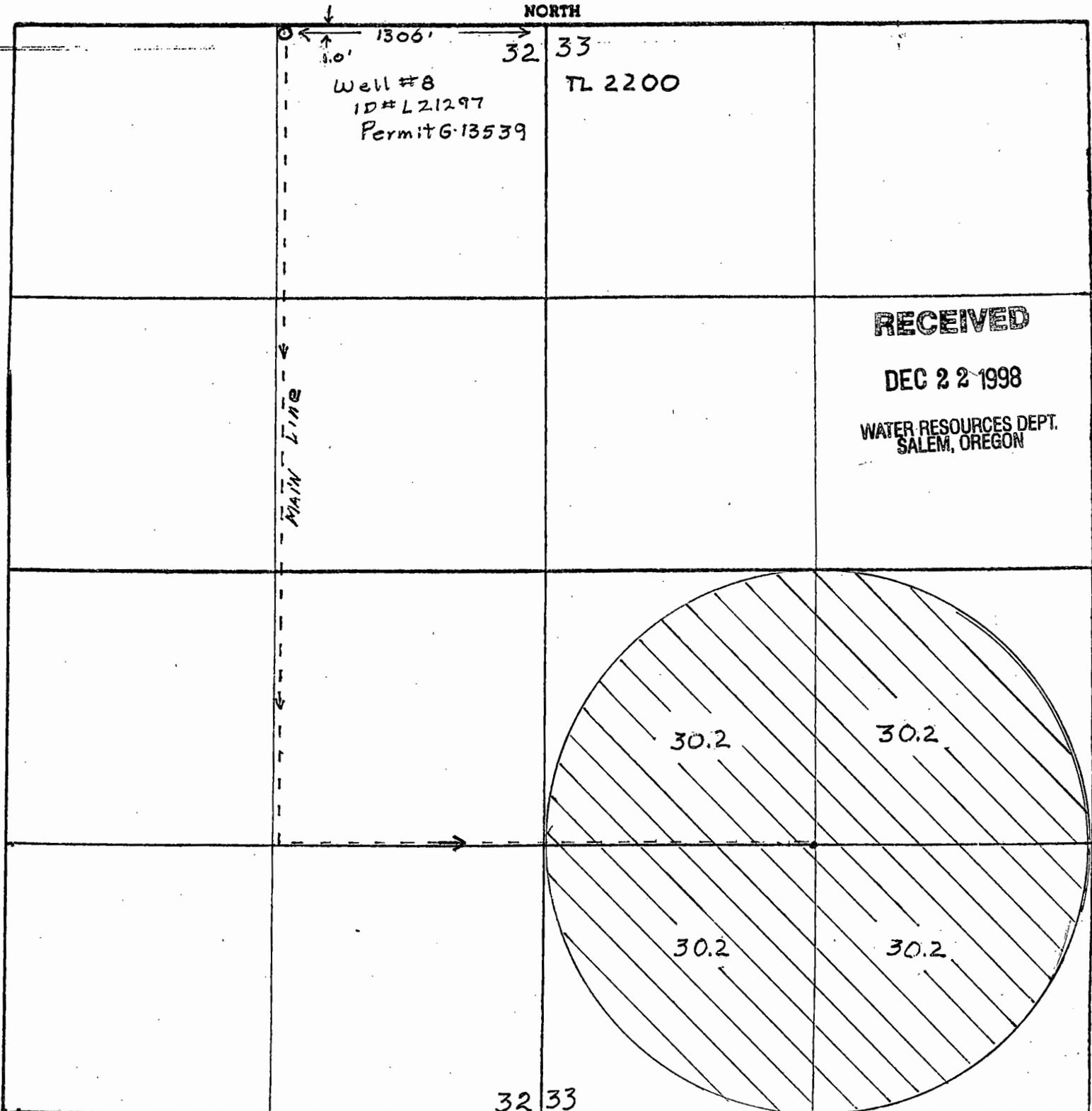
Application No. G-14888
Permit No. G-13730

1" = 660'

Sheet 1 of 2

SECTION PLAT

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



1" = 660'

Application No. G-14888

Permit No.

SECTION PLAT

Section 34

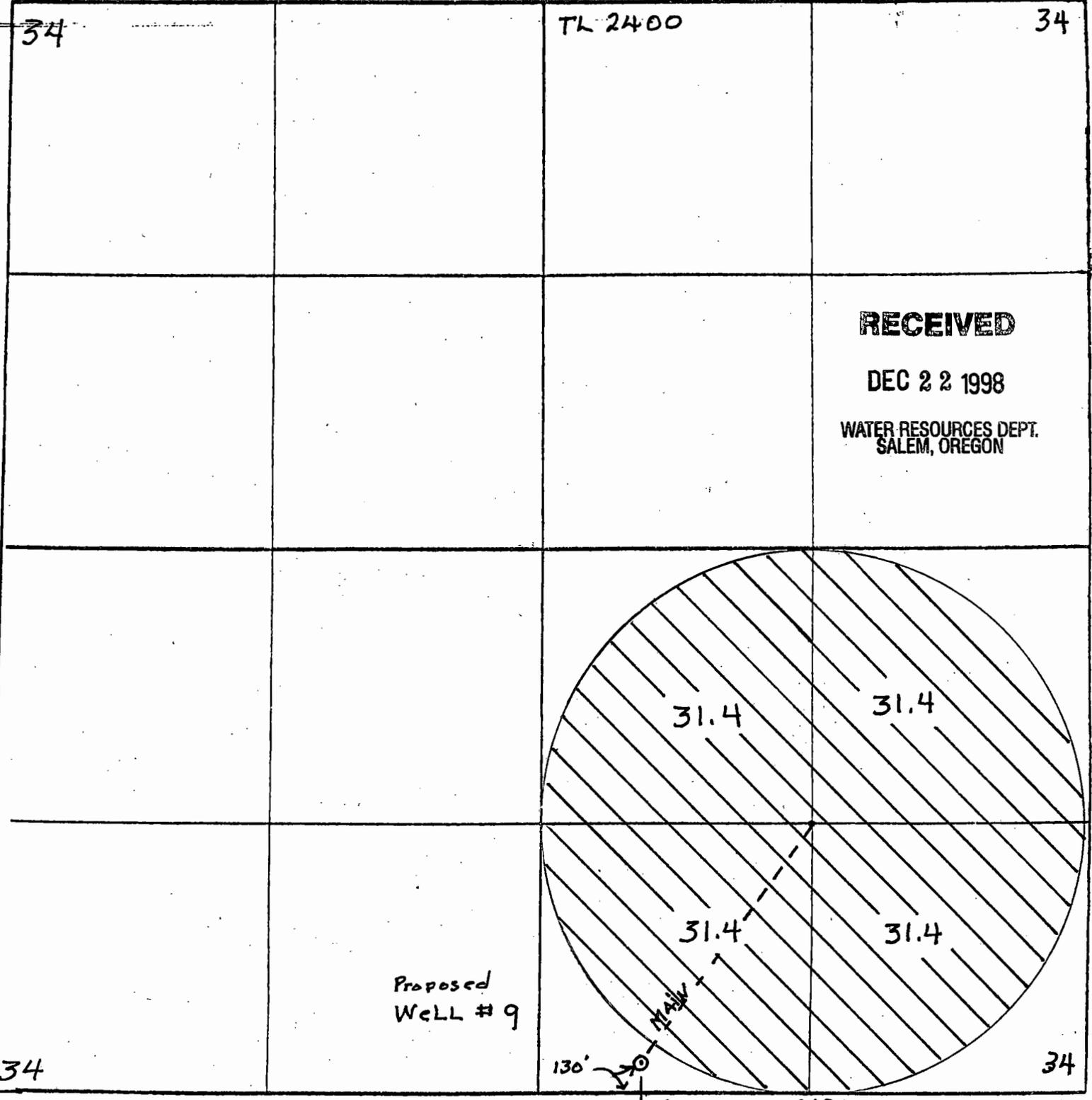
Township 22-S

Range 52 1/2-E

County of Harney

State of OREGON

NORTH



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WATER RESOURCES DEPT.
SALEM, OREGON

Proposed
Well # 9

130'

2180



2004

Oregon Water Resources Department
October 2004 through September 2005
Annual Water Use - Monthly Quantities Form

USER-ID 28096

2005



Facility <input type="checkbox"/>					
POD-ID <input type="checkbox"/>					
October - 2004					
November - 2004	<i>See attached 7 sheets</i>				
December - 2004					
January - 2005					
February - 2005					
March - 2005					
April - 2005					
May - 2005					
June - 2005					
July - 2005					
August - 2005					
September - 2005					
TOTAL *					

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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-foot)

Describe method of measuring the water used: KWH/acre ft per day. If use is irrigation, total number acres irrigated 1880.0
I certify this information is true and accurate to the best of my knowledge.

[Signature] _____ Title _____ Reporting Entity _____ Date 12/5/05

Andy J 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.