

Assigned FILE#: G 15730
ROSS A BINGAMAN
~~64905 HULL LANE~~ PO Box 56
IMBLER, OR 97841-0056

Application No. G- G15730
Permit No. G- 15376
Certificate No. _____

Stream Index, Page No. _____

Date filed _____
Priority _____
Action suspended until CD7

Return to applicant _____
Date of approval _____

CONSTRUCTION

Date for beginning 4-3-04
Date for completion _____
Extended to _____

Date for application of water 10-1-07
Extended to _____

PROSECUTION OF WORK

Form "A" filed _____
Form "B" filed _____
Form "C" filed _____

FINAL PROOF

Blank mailed _____
Proof received COB 8/12/2015
Date certificate issued _____

FEES PAID

Date	Amount	Receipt No.
<u>3-22-02</u>	<u>625.00</u>	<u>51668</u>
<u>1/16/03</u>	<u>100.00</u>	<u>57854</u>
<u>12-4-12</u>	<u>75.00</u>	<u>107580</u>
<u>8-12-15</u>	<u>175.00</u>	<u>116966</u>

FEES REFUNDED

Date	Amount	Check No.
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ASSIGNMENTS

Date	To Whom
------	---------

12/14/2012

Ross A & Carrie Jo Bingaman
Aaron Wade & Angela Marie Bingaman
PO Box 137
Imbler OR 97841

Address

Volume	Page
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NW FARM CREDIT SERVICES, FLCA
P.O. BOX 2515
SPOKANE WA 99220-2515

REMARKS

From: NICHOLS Adrienne F
Sent: Thursday, September 10, 2015 1:00 PM
To: VANCE Connie R
Subject: Pump Test for Application G-14270, Permit G-13123

Hello Connie,

I just wanted to let you know the status of this pump test since there was some confusion about the different files that this pump test was associated with. It looks like application G-14270, permit G-13123 was cancelled, but app G-15575, permit G-15278, app G-15730, permit G-15376 and app G-15959, permit G-15582 are all current. This pump test was done on a well that is correlated to all four of these files, which is why it was included in the COBU for the current files. The test itself is of poor quality, but I will talk to the hydrogeologist in charge of that area about it as soon as they are available. Let me know if you have any more questions.

Thanks!

Adrienne F. Nichols
Groundwater Section Assistant
Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, OR 97301-1271
adrienne.f.nichols@wrdd.state.or.us

Application # G15730 Transfer # _____
Date Received 8/12/2015
CWRE Name Greg Blackman Claim Logged yes
File Marked yes
Oversized Map # _____
Reviewer C.O.

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 690-014-0170(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, 690-380-601C)

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)
- _____ Description of conveyances system (from POD to POL) (OAR 690-014-0100)
- _____ Source(s) of water (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 of transfer holder (OAR 690-014-0100)

DEF = deficient

N A = Not Applicable

S:\groups\wrcerts\Resource Center Forms_Checklists_Mailing Instructions\COBU Checklist 11-20-2012.rtf

Map and COBU reviewed
Conflict check Any Conflicts?
Check for ownership

Check Area of Interest ☐ YES ☐ NO
Identified Party _____

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:

**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 \$175 must accompany this form for permits
with priority dates after July 8, 1987.**

**A fee of \$175 must accompany this form for any Transfer final orders
including a water right with a priority date of July 9, 1987, or later.**

**Example – A transfer involves 5 rights and one of the rights
has a priority date of July 9, 1987, or later, the fee is required.**

A separate form shall be completed for each permit.

In cases where a permit has been amended through the permit amendment process, a separate claim for the permit amendment is not required. Incorporate the permit amendment into the claim for the permit.

This form is subject to revision. **Begin each new claim** by checking for a new version of this form at:
http://www.oregon.gov/owrd/pages/wr/cwre_info.aspx

The completion of this form is required by OAR 690-014-0100(1) and 690-014-0110(4).

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. **Every item must have a response.** If any requested information does not apply to the claim, insert "NA." **Do not delete or alter any section of this form unless directed by the form.** The Department may require the submittal of additional information from any water user or authorized agent.

"Section 8" of this form is intended to aid in the completion of this form and should not be submitted.

If you have questions regarding the completion of this form, please call 503-986-0900 and ask for the Certificate Section.

The Department has a program that allows it to enter into a voluntary agreement with an applicant for expedited services. Under such an agreement, the applicant pays the cost to hire additional staff that would not otherwise be available. This program means a certificate may be issued in about a month. For more information on this program see
http://www.oregon.gov/owrd/pages/mgmt_reimbursement_authority.aspx

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**SECTION 1
GENERAL INFORMATION**

1. File Information

APPLICATION # (G, R, S or T)	PERMIT # (IF APPLICABLE)	PERMIT AMENDMENT # (IF APPLICABLE)
G-15730	G-15376	

2. Property Owner (current owner information)

APPLICANT/BUSINESS NAME Ross A Bingaman		PHONE No. 541-534-2745	ADDITIONAL CONTACT No.
ADDRESS P.O. BOX 56			
CITY IMBLER	STATE OREGON	ZIP 97841-0056	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. ***Each permit or transfer holder of record must sign this form.***

3. Permit or transfer holder of record (this may, or may not, be the current property owner)

PERMIT OR TRANSFER HOLDER OF RECORD ROSS A. & CARRIE JO BINGAMAN, AaRON WADE & ANGELA MARIE BINGAMAN NORTHWEST FARM CREDIT SERVICES, FLCA,			
ADDRESS P.O. BOX 56			
CITY IMBLER	STATE OREGON	ZIP 97841-0056	

ADDITIONAL PERMIT OR TRANSFER HOLDER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

4. Date of Site Inspection: **June 26, 2015**

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

NAME	DATE	ASSOCIATION WITH THE PROJECT
Ross Bingaman	6/26/2015	Owner, irrigator
Aaron Wade Bingaman	6/26/2015	Owner, irrigator

6. County: **UNION**

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)):

OWNER OF RECORD		
ADDRESS		
CITY	STATE	ZIP

Add additional tables for owners of record as needed

SECTION 2 SIGNATURES

CWRE Statement, Seal and Signature

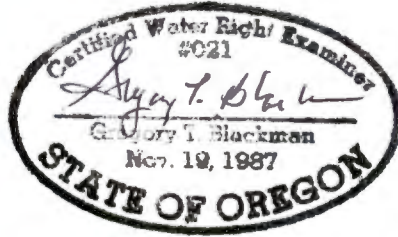
The facts contained in this Claim of Beneficial Use are true and correct to the best of my knowledge.

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Seal and Signature



CWRE NAME GREGORY T. BLACKMAN		PHONE NO. 541-963-6771	ADDITIONAL CONTACT NO. 541-786-2859
ADDRESS 126 RIDGE DRIVE			
CITY LA GRANDE	STATE OREGON	ZIP 97850	E-MAIL gtblackman@yahoo.com

Permit or Transfer Holder's of Record Signature or Acknowledgement

Each permit or transfer holder of record must sign this form in the space provided below.

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	TITLE	DATE
<i>Ross A. Bingaman</i>	Ross A. Bingaman	Prop. Owner	8-11-15
<i>Carrie Jo Bingaman</i>	Carrie Jo Bingaman	Prop. Owner	8-11-15
<i>Aaron Wade Bingaman</i>	Aaron Wade Bingaman	Prop. Owner	8-11-15
<i>Angela Marie Bingaman</i>	Angela Marie Bingaman	Prop. Owner	8/11/15
<i>Mark R. Cooner</i>	Northwest Farm Credit Services, FLCA	RELATIONSHIP MANAGER	8/11/15

SECTION 3

CLAIM DESCRIPTION

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)
Hull Lane Well	UNIO 50883	L- 40702

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

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

POD/POA NAME OR NUMBER	USES	IF IRRIGATION, LIST CROP TYPE	SEASON OR MONTHS WHEN WATER WAS USED	ACTUAL RATE OR VOLUME USED (CFS, GPM, OR AF)
Hull Lane Well	irrigation	Alfalfa, grain, grass seed, mint	March 1, through October 30	Meter reading 207.627 Ac. Ft. This includes G-15376, G-15278, G- 15582
Total Quantity of Water Used				207.627 Ac. Ft

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:

Hull Lane Well is an artesian well. The well maintains 16psi while pumping. The water is pumped by a 75 hp electric motor with a shaft driven Cornell 5R-2 centrifugal pump through an 8" above ground pipe into an 10" buried steel mainline. One portion of the mainline extends Southeasterly to an 800 gpm pivot with a end portion that swings in and out as the field varies, and continues with a 4" buried steel main to the Southeast and Southwest corners of the land under permit. From the well there is also an 8" mainline that extends Easterly along the South line of Hull Lane to the Northeast corner of the property under permit, which supplies irrigation via handlines an area not watered by the pivot. There is also an 10" mainline that runs North across Hull Lane running North along the east side of the house and barns approx. 300' then turns West and runs approximately 250' the turns North to the North line of the SW, SW of Sec. 20. This line has risers that run wheel lines to the East of the 10" main, and also runs several wheel lines to the West of the Mainline. There is one other buried 8" mainline that connects to the 10" mainline at the North line of Hull Lane and runs East along the north line of Hull Lane into the SE, SW of Sec 20, then North at the East line of the 4.5 acres being irrigated as tax lot 2900. The buried mainlines supply water to a number of wheel lines and handlines as needed. There is very good coverage on this land from the well. In addition I counted 1840' of 3" handline with 46 nozzles of 3/16' . I also counted 3560' of 4" handline with 89 nozzles of 13/64 size. There is a spare 5" wheel line with 640' with 16 nozzles of 13/64 size, all are stored at the Northeast corner of the NE, NW of Sec. 29. The coverage of this property is exceptional.

Reminder: The map associated with this claim must identify the location of the point(s) of diversion, Donation Land Claims (DLC), Government Lots (GLot), and Quarter-Quarters (QQ).

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5. Variations:

Was the use developed differently from what was authorized by the permit, permit amendment final order, or extension final order? If yes, describe below.

YES

(e.g. "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.")

There were 182.2 acres allowed by the permit and there were 168.8 acres developed.

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
Hull Lane Well	2.27 cfs	2.91 cfs	1000 gpm 30 sec read on meter	irrig	182.2 ac	168.8 ac.

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SECTION 4

SYSTEM DESCRIPTION

Are there multiple PODs or POAs?

NO

If "YES" you will need to copy and complete Sections 4B through 4G for each POD/POA.

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

A. Place of Use

1. Is the right for municipal use?

NO

If "YES" the table below may be deleted.

TWP	RNG	MER	SEC	QQ	GLOT	DLC	USE	IF IRRIGATION, # PRIMARY ACRES	IF IRRIGATION, # SUPPLEMENTAL ACRES
Total Acres Irrigated									

Reminder: The map associated with this claim must identify Donation Land Claims (DLC), Government Lots (GLOT), Quarter Quarters (QQ), and if for irrigation, the number of acres irrigated within each projected DLC, GLOT, and QQ.

B. 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

If "NO" items 2 through item 6 may be deleted.

2. Pump Information

MANUFACTURER	MODEL	SERIAL NUMBER	TYPE (CENTRIFUGAL, TURBINE OR SUBMERSIBLE)	INTAKE SIZE	DISCHARGE SIZE
CORNELL	5RB-75-3-4	116953-13.5	CENTRIFUGAL	6"	5"

3. Motor Information

MANUFACTURER	HORSEPOWER
US ELECTRIC	75 HP

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	65	0	+5	2.91 CFS

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5. Provide pump calculations:

See attached Pump Capacity Calculation Sheet.

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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)
1000 gpm	1000 gpm	30 sec	2.23 cfs

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

7. Is the distribution system piped?

YES

If "NO" items 8 through item 11 may be deleted.

8. Mainline Information

MAINLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
4"	3351'	steel	buried
8"	4190'	steel	buried
10"	3198'	steel	buried

9. Lateral or Handline Information

LATERAL OR HANDLINE SIZE	LENGTH	TYPE OF PIPE	BURIED OR ABOVE GROUND
3"	1840'	Aluminum	Above ground
4"	3560'	Aluminum	Above ground
5" Wheel lines	2640	Aluminum	Above ground

10. Sprinkler Information

SIZE	OPERATING PSI	SPRINKLER OUTPUT (GPM)	TOTAL NUMBER OF SPRINKLERS	MAXIMUM NUMBER USED	TOTAL SPRINKLER OUTPUT (CFS)
13/64	65	6.9 gpm	54	54	0.83 cfs

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, with swing end	1320'	65psi	800 gpm	1.78 cfs

12. Additional notes or comments related to the system:

The motor is a variable speed electric motor. The well is an artesian that maintains a head pressure of 10 psi while running 1700 gpm according to the Pump test. The pivot last tower swings to follow a buried wire in order to water irregular boundaries of the field. Very automated.

C. Groundwater Source Information (Well and Sump)

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

YES

If "NO", items 2 through 8 relating to this section may be deleted.

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

No port observed. There is a gauge attached to the well head. The artesian well maintains a 10 psi at all times during pumping, no drawdown.

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
18"	483'	1924'	11/05/2000	none	Ross Bingaman	Waldo Lowe

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.

Well log attached to this COBU

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

NO

If "NO", items 6 through 8 relating to this section may be deleted.

Reminder: Construction standards for sumps can be found in OAR 690-210-0400.

6. If the appropriation involves a SUMP, provide the following information for each SUMP:

LENGTH	WIDTH	AVERAGE DIAMETER	MAXIMUM DEPTH	SURFACE AREA (IN ACRES)	VOLUME IN CUBIC FEET OR ACRE FEET

7. If the sump is curbed constructed with watertight surface curbing, describe the curbing:

CURBING MATERIAL (CONCRETE, CONCRETE TILES, OR STEEL)	IF CONCRETE, PROVIDE THE THICKNESS OF THE WALL

8. Provide sump volume calculations:

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D. Storage

1. Does the distribution system include in-system storage (e.g. storage tank, bulge in system / reservoir)

NO

If "NO", item 2 and 3 relating to this section may be deleted.

If "YES" is it a: Storage Tank

YES NO

Bulge in System / Reservoir

YES NO

Complete appropriate table(s), unused table may be deleted.

2. Storage Tank:

MATERIAL (CONCRETE, FIBERGLASS, METAL, ETC.)	CAPACITY (IN GALLONS)	ABOVE GROUND OR BURIED

3. Bulge in System / Reservoir:

RESERVOIR NAME OR NUMBER (CORRESPOND TO MAP)	APPROXIMATE DAM HEIGHT	APPROXIMATE CAPACITY (IN ACRE FEET)

E. 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*If "NO", items 2 through 4 relating to this section may be deleted.*

2. Complete the table:

PIPE SIZE	PIPE TYPE	"C" FACTOR	AMOUNT OF FALL	LENGTH OF PIPE	SLOPE	COMPUTED RATE OF WATER FLOW (IN CFS)

3. Provide calculations:

--

4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)

Attach measurement notes.

F. 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*If "NO", items 2 through 4 relating to this section may be deleted.*

2. Complete the table:

CANAL OR DITCH TYPE (MATERIAL)	TOP WIDTH OF CANAL OR DITCH	BOTTOM WIDTH OF CANAL OR DITCH	DEPTH	"N" FACTOR	AMOUNT OF FALL	LENGTH OF CANAL / DITCH	SLOPE	COMPUTED RATE (IN CFS)

3. Provide calculations:

--

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4. If an actual measurement was taken, provide the following:

DATE OF MEASUREMENT	WHO MADE THE MEASUREMENT	MEASUREMENT METHOD	MEASURED QUANTITY OF WATER (IN CFS)

Attach measurement notes.

G. Reservoir

1. Does the claim involve a reservoir modified through a transfer?

NO

Reminder: Complete this section if the reservoir right has been modified through the transfer process. If the claim is for a permitted reservoir use the Claim of Beneficial Use form for reservoirs.

If "NO", items 2 through 9 relating to this section may be deleted.

2. Does the reservoir require the submittal of as-built plans and specifications?

YES NO

If "YES", answer items 3; items 4 through 9 relating to this section may be deleted.

If "NO", skip items 3; answer items 4 through 9.

3. Complete the table:

HAVE THE DOCUMENTS BEEN SUBMITTED? YES OR NO	WHEN WERE THE DOCUMENTS SUBMITTED?	HAVE THEY BEEN APPROVED BY THE DEPARTMENT?	NUMBER OF ACRE FEET STORED

4. If the reservoir stores less than 9.2 acre-feet of water or if the dam is less than 10 feet in height, and as-built plans and specifications are not required, complete the table and items 5 through 9.

MAXIMUM DEPTH	AVERAGE DEPTH	SURFACE AREA (IN ACRES)	VOLUME (IN ACRE FEET)

5. Provide reservoir volume calculations:

--

6. Provide the following information concerning the physical characteristics of the dam:

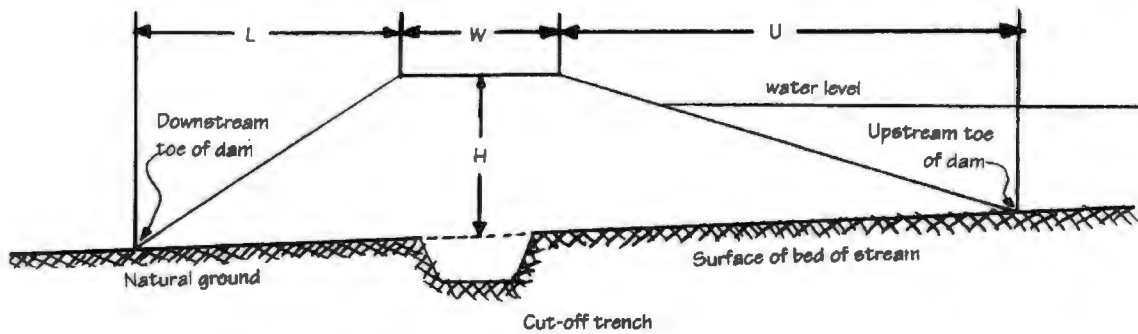
CREST WIDTH (W)	DAM HEIGHT AT CENTERLINE (H)	DISTANCE FROM DOWNSTREAM TOP OF DAM TO DOWNSTREAM TOE (L)	DISTANCE FROM UPSTREAM TOP OF DAM TO UPSTREAM TOE (U)	WATER LEVEL AT INSPECTION	DOWN-STREAM SLOPE	UP-STREAM SLOPE

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Example Dam Profile *This box may be deleted from the form*

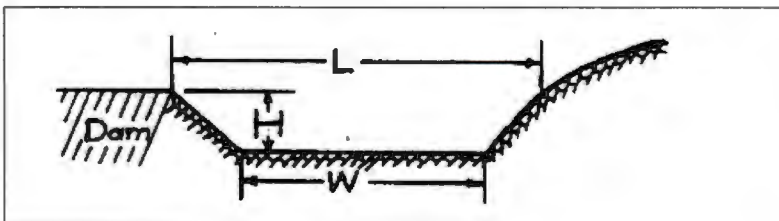


7. Provide a drawing showing the cross section of the dam at the maximum section indicating details and dimensions. The drawing should be drawn at a standard even scale.

8. Describe the outlet works (size and type of the outlet conduit and location):

9. Describe the emergency spillway (dimensions and location):

BOTTOM WIDTH (W)	TOP WIDTH (L)	SPILLWAY DEPTH (H)



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SECTION 5

CONDITIONS

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 was to be completed. 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	April 3, 2003		
BEGIN CONSTRUCTION (A)	None stated	Drilling of well started 6/1/2000, completed 1/15/2001	There was a permit issued as G-14270 that was cancelled. There was a problem with getting a driller, and a new application was filed.
COMPLETE CONSTRUCTION (B)	None stated	Construction of mainlines, pump and sprinklers completed spring of 2001	Mainlines and meter installed and watering commenced in may of 2001 according to water use report and the reports continued through 2014
COMPLETE APPLICATION OF WATER (C)	October 1, 2007	Complete application of water was made prior to 10/1/2007	The history of the water reporting has been consistent since May of 2001. The evidence of completion is in the reporting.

* 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)?

NO

If "NO", you may delete item 3 in this section.

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

VOLUME	PAGE	DATE EXTENDED TO

4. Initial Water Level Measurements:

a. Was the water user required to submit an initial static water level measurement?

YES

If "NO", items 4b through 4d relating to this section may be deleted. **RECEIVED BY OWRD**

b. What month was the initial measurement to be taken in?

AUG 12 2015

March

c. Was the measurement submitted to the Department?

SALEM, OR

NO

d. If the initial measurement was not submitted, provide that measurement now, if available:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT

5. Annual Static Water Level Measurements:

a. Was the water user required to submit annual static water level measurements?

YES

If "NO", items 5b through 5e relating to this section may be deleted.

b. Provide the month, or months, the static water level measurement(s) were to be made:

March

c. Were the static water level measurements taken in the month(s) required?

NO

d. If "YES", were those measurements submitted to the Department?

YES NO

e. If the annual measurements were not submitted, provide the measurements now:

DATE OF MEASUREMENT	MEASUREMENT MADE BY	METHOD	MEASUREMENT
6/11/2001	Ross Bingaman	Meter and reading gage on well head. Well maintains 10 psi at all times under pumping	Well is an Artesian with positive pressure at the well head. Level is +2'

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

If "NO", items 6b through 6e relating to this section may be deleted.

b. Has the pump test been previously submitted to the Department?

NO

c. Is the pump test attached to this claim?

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YES

d. Has the pump test been approved by the Department?

SALEM, OR

NO

e. Has a pump test exemption been approved by the Department?

NO

**** Claims will not be reviewed until a pump test or exemption has been approved by the Department**

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

If "NO", items 7b through 7f relating to this section may be deleted.

Reminder: If a meter or approved measuring device was required, the COBU map must indicate the location of the device in relation to the point of diversion or appropriation.

b. Has a meter been installed?

YES

c. Meter Information

POD/POA NAME OR #	MANUFACTURER	SERIAL #	CONDITION (WORKING OR NOT)	CURRENT METER READING	DATE INSTALLED
Hull Lane Well	Micrometer	01-02494-8	working	207.627 ac. ft	May of 2001

If a meter has been installed, items 7d through 7f relating to this section may be deleted.

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

YES NO

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

f. Measurement Device Description

DEVICE DESCRIPTION	CONDITION (WORKING OR NOT)	DATE INSTALLED

8. Recording and reporting conditions

a. Is the water user required to report the water use to the Department?

YES

If "NO", item 8b relating to this section may be deleted.

b. Have the reports been submitted?

YES

METHOD OF SUBMITTING REPORT (PAPER OR ELECTRONIC)	WATER USER REPORTING ID
Electronic	38298

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

If "NO", items 9b through 9e relating to this section may be deleted.

Reminder: If fish screening devices were required, the COBU map must indicate their location in relation to the point of diversion.

b. Has the fish screening been installed?

YES NO

c. When was the fish screening installed?

--

Reminder: If the permit or transfer final order was issued on or after February 1, 2011, the fish screen is required to be approved by the Oregon Department of Fish and Wildlife regardless of the rate of diversion.

d. If the diversion involves a pump and the total diversion rate of all rights at the point of diversion is less than 225 gpm (0.5 cfs) and the permit was issued prior to February 1, 2011:

- Has the self-certification form previously been submitted to the Department? NA YES NO
 - If not, go to <http://www.oregon.gov/owrd/Pages/pubs/forms.aspx>, complete and attach a copy of the self-certification form to this claim, and send a copy of it to the Oregon Department of Fish and Wildlife (ODFW).

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. The ODFW self certification form needs to have been previously submitted or be attached to this form.

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e. If the diversion does **not involve a pump** *or* the **total** diversion rate of all rights at the point of diversion is 225 gpm (0.5 cfs) or greater:

- Has the ODFW approval been previously submitted?
- If not, contact and work with ODFW to ensure compliance. To demonstrate compliance, provide signed documentation from ODFW. A form is available at:
<http://www.oregon.gov/owrd/Pages/pubs/forms.aspx>

NA YES NO

Reminder: Failure to submit evidence of a timely installed fish screen may result in an unfavorable determination. In order to receive a favorable approval, the ODFW/WRD "Fish Screen Inspection" form needs to have been previously submitted or be attached to this form.

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

If "NO", items 10b and 10c relating to this section may be deleted.

Reminder: If by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

b. Have by-pass devices been installed?

YES NO

c. Describe the diversion works as related to whether a by-pass device is installed or unnecessary:

(Provide a letter from ODFW indicating the device is approved or is unnecessary. If there is no letter from ODFW, explain whether or not a by-pass device is necessary.)

DESCRIPTION (E.G. "ODFW HAS APPROVED THE BY-PASS DEVICE" OR "NO BY-PASS DEVICE IS NECESSARY BECAUSE THERE IS A DIRECT DIVERSION FROM THE STREAM VIA A PUMP ON RIVER LEFT STREAM BANK WITH FOOT VALVE DESCENDING DIRECTLY INTO NATURAL POOL.") IN ADDITION, YOU MAY ATTACH PHOTOS TO THIS CLAIM.	IF INSTALLED (DATE)	IF INSTALLED, BY WHOM

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

- a. Were there special well construction standards?
- b. Was submittal of a ground water monitoring plan required?
- c. Was the water user required to restore the riparian area if it was disturbed?
- d. Was a fishway required?
- e. Was submittal of a letter from an engineer required prior to storage of water?
- f. Was submittal of a water management and conservation plan required?
- g. Other conditions?

NO
NO
NO
NO
NO
NO
NO

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

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SECTION 6

ATTACHMENTS

Provide a list of any additional documents you are attaching to this report:

ATTACHMENT NAME	DESCRIPTION
Well Log	Well Log UNIO 50833
Pump test	Pump test for artesian Well Hull Lane Well
Entity Water use report	Water reporting for 2001 through year 2014

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.

I used a Leica GPS GS 14 receiver to tie the well to the Northwest corner of Section 29, T1S R38E, WM. No traverse was necessary, since the Section corner position is on file with the Union County Surveyor. The well sets under an open structure in which I could not get a direct reading on the well head, so I offset the receiver to the South and East and took the measurements and obtained the co-ordinates of the well.

Map Checklist

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Please be sure that the map you submit includes ALL the items listed below.
(Reminder: Incomplete maps and/or claims may be returned.)

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- x Map on polyester film
- x Appropriate scale (1" = 400 feet, 1" = 1320 feet, or the original full-size scale of the county assessor map)
- x Township, Range, Section, Donation Land Claims, and Government Lots
- x If irrigation, number of acres irrigated within each projected Donation Land Claims, Government Lots, Quarter-Quarters
- NA Locations of fish screens and/or fish by-pass devices in relationship to point of diversion
- x Locations of meters and/or measuring devices in relationship to point of diversion or appropriation
- x Conveyance structures illustrated (pumps, reservoirs, pipelines, ditches, etc.)
- x Point(s) of diversion or appropriation (illustrated and coordinates)
- x Tax lot boundaries and numbers
- x Source illustrated if surface water
- x Disclaimer ("This map is not intended to provide legal dimensions or locations of property ownership lines")
- x Application and permit number or transfer number
- x North arrow

- x Legend
- x CWRE stamp and signature

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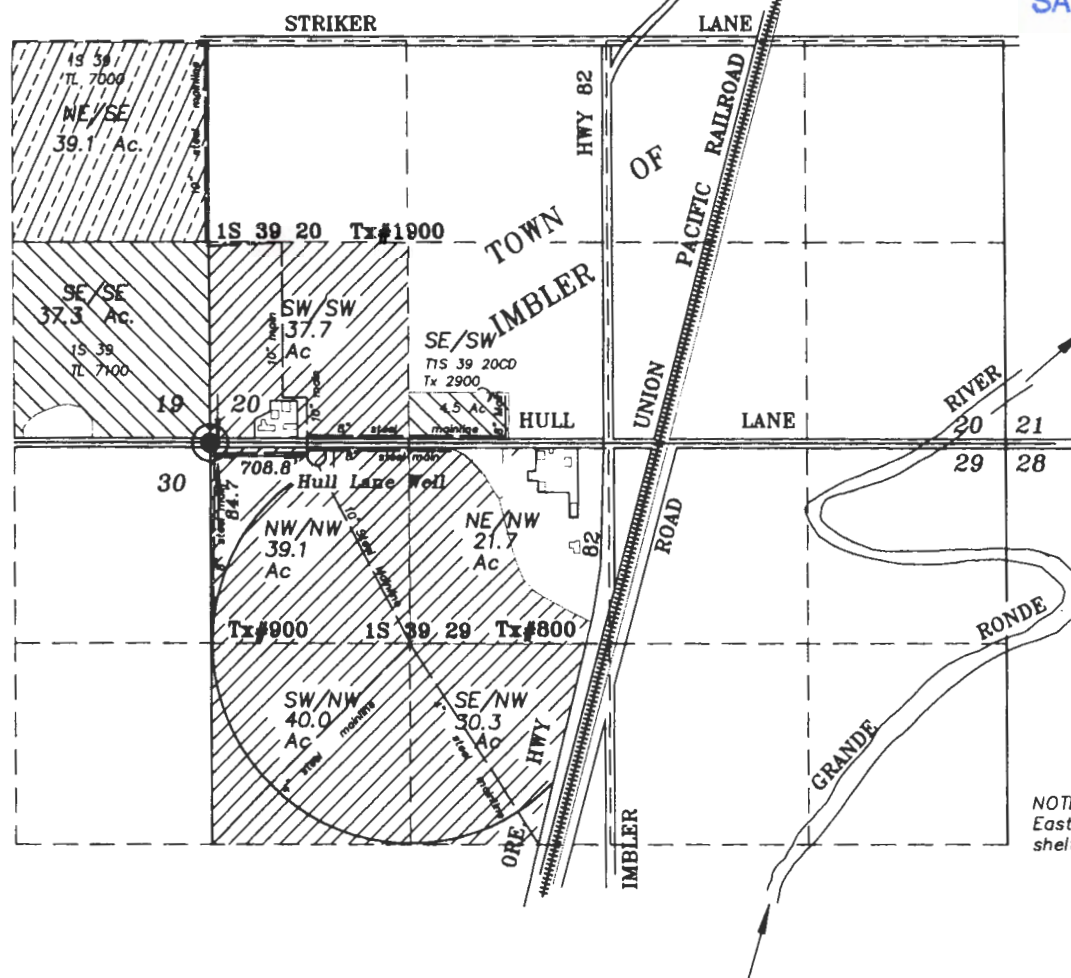
AUG 12 2015

SALEM, OR

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SALEM, OR

T 1 S R 39 E



SCALE 1" = 1320'

Hull Lane Well Position:
 Latitude: 45°27'23.53469" N
 Longitude: 117°58'12.70613" W

S 84.7' and E 708.8' from the Northwest
 corner of Section 29, T1S R39E, WM

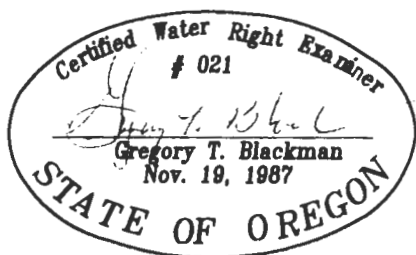
NOTE: Meter is located approximately 8'
 East of the Well Head under the well
 shelter.

Primary lands irrigated from new
 well under G-15376
 for Ross A. and Carrie Jo
 Bingaman and Aaron Wade and
 Angela Marie Bingaman, Northwest
 Farm Credit Services, FLCA.

Primary lands irrigated from new
 well under G-15278 for Ross A.
 Bingaman, A. Wade and Angela
 Bingaman, Sarah Marie Lucas and
 Parker Dale Lucas

Primary lands irrigated from new
 well under G-15582 Aaron Wade
 and Angela Marie Bingaman

Mainline



NOTE The preparation of this map
 was for the purpose of identifying
 the location of the proposed water
 right and has no intent to provide
 dimensions or location of property
 ownership lines. Location information
 shown hereon was furnished by
 the applicant.

Claim of Beneficial Use Map for
 Rights under G-15278 for
 Ross A Bingaman, Sarah Marie Lucas,
 Parker Dale Lucas, and A. Wade &
 Angela Bingaman and Rights Under
 G-15376 for Ross A and Carrie Jo
 Bingaman, Aaron Wade and Angela
 Marie Bingaman also
 Rights Under G-15682 for Wade
 and Angela Bingaman

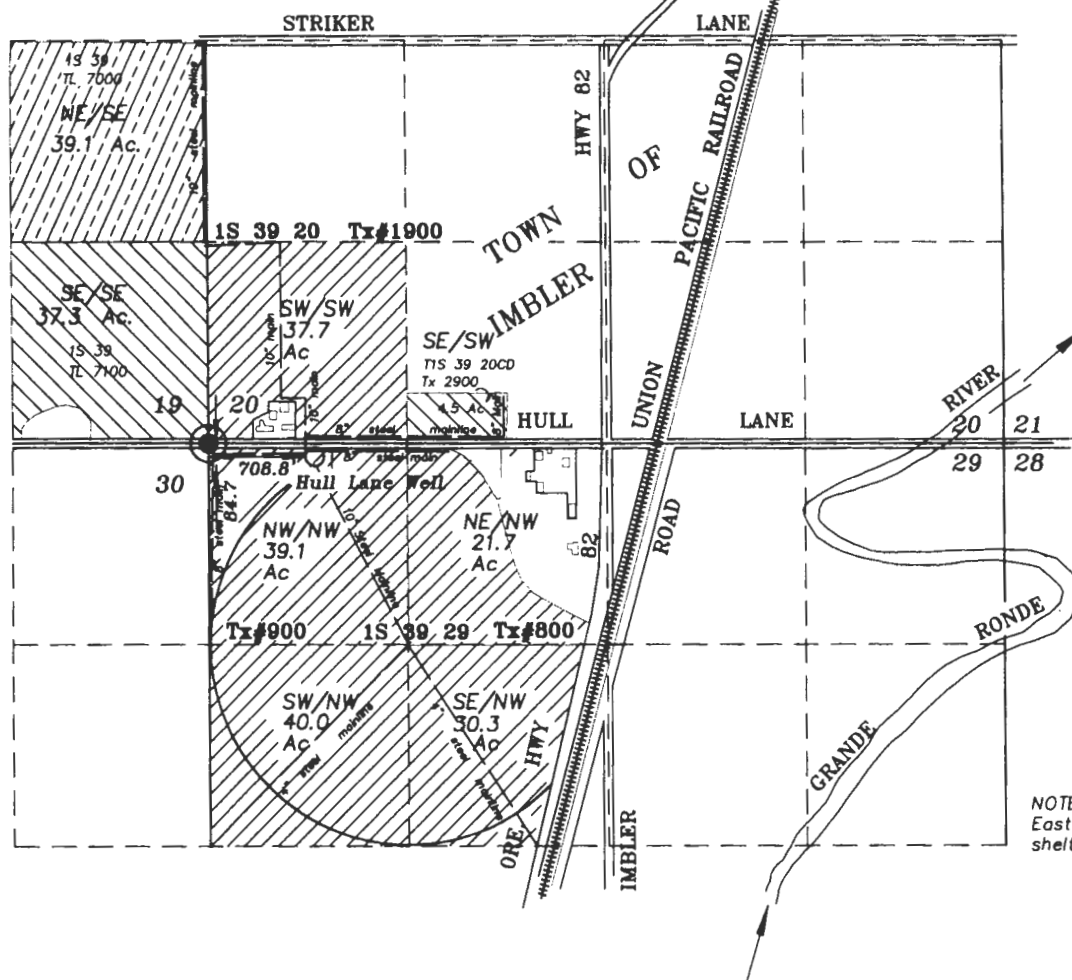
BY
 BAGETT - GRIFFITH & BLACKMAN
 2006 ADAMS AVENUE
 LAGRANDE, OREGON 97850

June 26, 2015

APPLICATION NO. G-15730, G-15575 & G-15959

PERMIT NUMBER G-15376, G-15278 & G-15582

T 1 S R 39 E



SCALE 1" = 1320'

Hull Lane Well Position:
Latitude: 45°27'23.53469" N
Longitude: 117°58'12.70613" W

S 84.7' and E 708.8' from the Northwest corner of Section 29, T1S R39E, WM

NOTE: Meter is located approximately 8' East of the Well Head under the well shelter.

 Primary lands irrigated from new well under G-15378 for Ross A. and Carrie Jo Bingaman and Aaron Wade and Angela Marie Bingaman, Northwest Farm Credit Services, FLCA.

 Primary lands irrigated from new well under G-15582 Aaron Wade and Angela Marie Bingaman

 Primary lands irrigated from new well under G-15278 for Ross A. Bingaman, A. Wade and Angela Bingaman, Sarah Marie Lucas and Parker Dale Lucas

----- Mainline

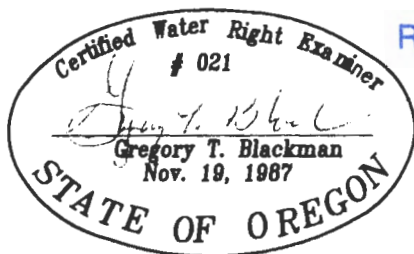
Claim of Beneficial Use Map for
Rights under G-15278 for
Ross A Bingaman, Sarah Marie Lucas,
Parker Dale Lucas, and A. Wade &
Angela Bingaman and Rights Under
G-15376 for Ross A and Carrie Jo
Bingaman, Aaron Wade and Angela
Marie Bingaman also
Rights Under G-15682 for Wade
and Angela Bingaman

BY
BAGETT - GRIFFITH & BLACKMAN
2006 ADAMS AVENUE
LAGRANDE, OREGON 97850

June 26, 2015

APPLICATION NO. G-15730, G-15575 & G-15959

PERMIT NUMBER G-15376, G-15278 & G-15582



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NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

Pump Capacity Calculation Sheet

using Department designed formula:

$(\text{hp})(\text{efficiency}) / (\text{lift} + \text{psi head}) = \text{capacity in cfs}$

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Data Entry (fill in underlined blanks)

HP = 75
Efficiency = 6.61
Lift = 5
PSI = 65

Results Calculated

$(\text{hp})(\text{efficiency}) = 495.75$
Head based on psi = 165.1
Total dynamic head = 170.1
(head + lift)

Pump Capacity = 2.91 feet per second 1307 gpm

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UNIO
50833

STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT

SALEM, OREGON

Instructions for completing this report are on page 2 of this form.

WELL I.D. #

START CARD #

(1) OWNER: Well Number _____
Name Ross Kingman
Address 100 E. 56
City Imbler State OR Zip _____

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

(3) DRILL METHOD:
☒ Rotary ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other Air Reverse

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 192 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE SEAL.
Diameter From To Material From To Sacks or pounds
33 in 0 483 cement 0 483 455

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

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 18 in +2 483 375 ☒ ☐ ☒ ☐
Liner: _____ ☐ ☐ ☐ ☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☒ Perforations Method steel welded
☐ Screens Type _____ Material _____
From To Slot Number Diameter Telephone Casing Liner
324 1078 1/2 in 43183 10 in ☒ ☐
1078 1924 1/2 in 26600 10 in ☒ ☐

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

☐ Pump ☐ Bailor ☐ Air ☒ Flowing
Yield gal/min Drawdown Depth at _____ Time _____
2400 _____ _____ 1 hr.

Temperature of water 83.3 Depth Artesian Flow Found _____
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Union Latitude _____ Longitude _____
Township 35 N or S Range 39 E E or W. WM.
Section 29 NW 1/4 NW 1/4
Tax Lot 900 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 64905 HULL RD.
Imbler, OR

(10) STATIC WATER LEVEL:
7 ft. below land surface. Date 6/1/00
Artesian pressure 22 lb. per square inch. Date 11/5/00

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Top Soil	0	1	
Sand Tan	1	28	
Sand Tan + Clay Tan	28	36	
Clay Tan	36	68	
Clay Tan + Claystone Tan	68	69	
Clay Brown - Soft	69	72	
Sand Clay Brown + Gravel	72	76	
Sand Brown + Rock Black	76	87	
Clay Brown - Soft	87	89	
Sand Brown - Fine	89	93	
Clay Tan - Soft	93	101	
Clay Brown - Soft	101	103	
Gravel 1/2" under	103	106	
Clay Tan - Soft	106	112	
Sandstone Brown	112	115	
Clay Tan - Soft	115	119	
Clay Tan - Dry - Hard	119	125	
Clay Gray Black - Soft	125	130	
Clay Black - Dry - Hard	130	133	
Clay Gray Green - Soft	133	137	

Date started 5/1/00 Completed 1-6-01

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

Signed _____ WWC Number _____ Date _____

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

Signed Wally Jones WWC Number 1399 Date 2-12-01

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

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(2)

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

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

WELL ID: # L 70047 46702
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE				SEAL			
Diameter	From	To	Material	From	To	Material	Notes or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ R
☐ Other _____

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

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(6) PERFORATIONS/SCREENS:							
☐ Perforations Method _____							
☐ Screens Type _____ Material _____							
From	To	Slot size	Number	Diameter	Tube/pipe size	Casing	Unit
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailor ☐ Air ☐ Flowing
Yield gals/min Drawdown Drill stem at Time
_____ i hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Artesian pressure _____ psi. per square inch. Date _____

(11) WATER BEARING ZONES:			
Depth at which water was first found _____			
From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay Gray + Sand Gray	137	141	
Clay Black - Hard Clay Green - Soft	141	144	
Clay Gray Black - Soft + Wood	144	146	
Clay Gray - Dry + Hard	146	148	
Clay Gray - Soft	148	168	
Clay Gray + Clay Stone Gray	168	170	
Clay Gray - Soft	170	184	
Clay Gray Green - Soft	184	186	
Clay Dark Gray + Clay Green	186	188	
Clay Gray Green - Soft	188	198	
Clay Dark Green - Hard	198	203	
Clay Gray - Soft	203	207	
Clay Green - Dry + Soft	207	208	
Clay Green - Hard + Dry	208	210	
Clay Black - Dry + Hard	210	211	
Clay Black + Clay Brown - Soft	211	212	
Clay Black + Clay Stone Black	212	218	
Clay Green Gray - Soft	218	219	
Clay Dark Green - Hard + Dry	219	221	
Clay Gray Green - Dry	221	225	

Date started _____ Completed _____
(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 1349
Signed _____ Date 2-12-01

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50833

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
WATER RESOURCES DEPT
SALEM, OREGON
Instructions for completing this report are on the last page of this form.

WELL I.D. # 10077 46702
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE		SEAL		Kilobars or pounds	
Diameter	From To	Material	From To		

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

Perforations		Method		Material	
From	To	Size	Number	Diameter	Test/piece size

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

☐ Pump	☐ Bailor	☐ Air	☐ Flowing
Yield gallons	Drawdown	Drill stem at	Time
			1 hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:
_____ ft. below land surface. Date _____
Atmospheric pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
231	238	30 GPM	
246	256	10 GPM	
289	292	30 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay Gray - Dry	235	231	
Sand Coarsest Gravel 3/4"	231	238	
Clay + Sand	238	241	
Clay Green Black	241	246	
Sand Light Green Coarse	246	256	
Clay Brown - Soft	256	267	
Sand Brown - Fine	267	269	
Clay Gray - Soft	269	270	
Clay Tan - Soft	270	278	
Clay Green + Gravel 1/2" under	278	281	
Clay Gray + Sand	281	282	
Clay Green - Hard + Dry	282	289	
Sand Course	289	292	
Clay + Sand Gray Green + Dry	292	295	
Sand	295	297	
Clay Gray	297	299	
Sand + Wood	299	301	
Clay Gray - Soft	301	302	
Sand Gravel 1/2" under clay	302	305	
Clay Gray + Wood	305	307	

Date started _____ Completed _____

(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 1399
Signed Walter Lorne Date 2-28-01

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

MAR 05 2001

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

UN10
50833

WELL I.D.# 42677 10702
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

(2) TYPE OF WORK
☐ New Well ☐ Deepening ☐ Alteration (repair/renovation) ☐ 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 _____ ft.
Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL		
Diameter	From	To	Material	From	To

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material	
		Type		Tub/pipe size	
From	To	Slot size	Number	Diameter	Casing
					☐
					☐
					☐
					☐
					☐
					☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing
Yield gph/min Drawdown Drill stem at Time

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
325	327	50 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay Gray Green - Dry	307	325	
Clay Gray + Sandy Gravel 2 1/2" under	325	327	
Gravel 1 1/2" under	327	329	
Clay Dark Green - Dry	329	331	
Sand + Clay Green	331	332	
Clay Green - soft + hard	332	334	
Clay Green - Soft	334	335	
Clay Gray - Soft	335	337	
Clay Green - Soft + Dry	337	338	
Clay Green - soft + claystone	338	351	
Claystone - Dark Green	351	352	
Clay Green - Soft + Dry	352	356	
Clay Green - Pyrite Flakes	356	358	
Clay Green - Soft + Dry	358	362	
Clay Gray - Soft + Dry	362	388	
Clay Gray - Soft + Claystone	388	390	
Clay Gray - Soft + Dry	390	401	
Clay Green - Soft + Dry	401	406	
Sand Green - Coarse	406	408	
Clay Green - Gray - Soft + Hard	408	410	

Date started _____ Completed _____

(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. Material 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 1347
Signed [Signature] Date 2-13-01

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UNIO
508333STATE OF OREGON
WATER SUPPLY WELL REPORT

(As required by ORS 517.765)

MAR 05 2001

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

WELL I.D. #1 10077 4071.2
START CARD # 144185(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Telephone size	Casing	Liner
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐
							☐	☐

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

Yield gpm	Drawdown	Drill stem seal	Flowing	Time
			☐ Artesian	1 hr.
			☐ Non-Artesian	
			☐ Non-Artesian	
			☐ Non-Artesian	

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____Did any strata contain water not suitable for intended use? ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____

Township _____ N or S Range _____ E or W. WM.

Section _____ 1/4 _____ 1/4

Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Clay Gray - Soft + Dry	410	414	
Claystone - Gray Green	414	419	
Clay Gray - Soft + Hard	419	422	
Clay Brown - Soft +	422	426	
Clay Gray - Soft + Dry	426	429	
Clay Green - Soft + Dry	429	430	
Clay Gray Brown - Soft + Dry	430	432	
Clay Green - Soft + Dry	432	436	
Clay Gray - Hard + Dry	436	438	
Clay Green - Hard + Dry	438	440	
Clay Green - Soft + Dry	440	442	
Clay Green + Claystone	442	445	
Clay Brown Gray - Soft + Dry	445	447	
Clay Dark Brown - Soft	447	452	
Clay Brown - Soft + Dry	452	456	
Clay Gray - Soft + Wood	456	462	
Basalt Black	462	468	
Basalt Gray + Some Brown	468		
Gray Clay + Ash		492	
Basalt Brown - Hard	492	493	

Date started _____ Completed _____

(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 1378Signed Willie Jones Date 2-19-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT
SALEM, OREGON

WELL I.D. # 40677 40162
START CARD # 14185

(1) OWNER: _____ Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE SEAL
Diameter From To Material From To Sacks or pounds
How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ B
☐ Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing _____
Liner _____
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____
From To Slot Number Diameter Tub/pipe Cooling Lbs

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☐ Air ☐ Flowing
Yield gals/min Drawdowns Drill stem at Time
Temperature of water _____ Depth Artesian Flow Found _____
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Foddy ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG: _____
Ground Elevation _____

Material	From	To	SWL
Basalt Red	493	495	
Basalt Black + Shale Brown	495	499	
Shale Brown + Basalt Gray	499		
Some Cinders Red		503	
Cinders Red + Black	503	506	
Basalt Black + Shale Gray	506	508	
Basalt Black + Shale Gray	508		
Green + Cinders Red		511	
Basalt Black + Shale Brown	511	514	
Basalt Black + Shale Green	514		
Gray + Cinders Red		520	
Clay Tan Soft	530	534	
Clay Light Green - Soft	534	536	
Clay Green - Soft	536	537	
Basalt Black "like gravel"	537		
Clay Green - Soft		538	
Clay Green Gray - Soft	538	541	
Clay Brown Green - Soft	541	542	
Clay Brown Green + Basalt Black	542	548	
Clay Tan White + Basalt Black	548	550	

Date started _____ Completed _____

(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 1349
Signed Walter J. Jones Date 8-16-01

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(7)

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

WELL I.D. # L 90497-40702
START CARD # 114185

(1) OWNER: Well Number _____
Name _____

Address _____
City _____ State _____ Zip _____

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

HOLE				SEAL			
Diameter	From	To	Material	From	To	Seals or pounds	

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 _____

Casing				Liner			
Diameter	From	To	Gauge Steel	Plastic	Welded	Threaded	
			☐	☐	☐	☐	
			☐	☐	☐	☐	
			☐	☐	☐	☐	
			☐	☐	☐	☐	

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:			
☐ Perforations	Method _____		
☐ Screens	Type _____	Material _____	
From	To	Slot size	Number

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailor ☐ Air ☐ Flowing
Yield gals/min _____ Drawdown _____ Drill stem at _____ Time _____

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWI
583	593	42 GPM	
594	611	108 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWI
Basalt Black + Clay Black	550	551	
Clay Tan Gray Basalt	551		
Black "like Cinders"		574	
Basalt Black + Shale + Clay	574		
Gray Brown + Red		582	
Basalt Black - Hard	582	583	
Basalt Gray + Clay Gray	583	593	
Basalt Black + Shale Brown	593	594	
Basalt Gray + Shale Gray	594	611	
Basalt Gray + Shale Green	611	623	
Basalt Gray with Brown coat	623	626	
Clay + Claystone Gray	626	627	
Clay Green - Soft	627	628	
Clay Brown - Soft + Dry	628	629	
Basalt Black + Clay	629		
Gray Brown + Yellow Tan		644	
Clay Gray - Soft	644	663	
Clay Gray - Hard + Soft	663	675	
Clay Gray + Claystone	675		
some Cinder Red		684	

Date started _____ Completed _____
(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 1572
Signed _____ Date 2-12-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT

(As required by ORS 537.765)

WATER RESOURCES DEPT

Instructions for completing this report are on the inside of this form.

WELL I.D. # L 44447 41705
START CARD # 14105

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Kicks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

		Method				Material			
		Type				Type/pipe			
From	To	Slot size	Number	Diameter		Slot size		Casing	Liner
								☐	☐
								☐	☐
								☐	☐
								☐	☐
								☐	☐

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

☐ Pump	☐ Bailer	☐ Air	☐ Flowing	☐ Artesian			
Yield gal/min	Drawdown	Drill stem at	Time				
			1 hr.				

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

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWI

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWI
Basalt Gray	684	689	
Shale All Colors	689	693	
Shale Green	693	696	
Basalt Black	695	697	
Shale Gray, Black + Greenish Brown	697	704	
Basalt Black + Clay Gray	704	719	
Basalt Black	719	730	
Basalt Gray + Clay Gray	730	739	
Basalt Black + Shale Green	739	741	
Basalt Black + Cinders Red	741	743	
Basalt Brown + Brown Black	743	749	
Basalt Red Brown + Shale	749	753	
Tan + Green	753	761	
Basalt Brown + Shale Green	761	784	
Basalt Black + Shale Green	784	786	
Basalt Black + Gray +	786	788	
Shale Green			
Clay Gray + Soft + Basalt			
Black + Shale Green			
Cinders Red + Clay Red			

Date started _____ Completed _____

(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 / 324

Signed William Jones Date 2-18-01

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

Instructions for completing this report are on the back of this form.

MAR 05 2001

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508.33

WELL I.D. # 114185
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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 _____

Casing	Diameter		From	To	Gauge	Steel	Plastic	Welded	Threaded
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:									
☐ Perforations		Method							
☐ Screens		Type		Material					
From	To	Slot size	Number	Diameter	Telephone	Casing	Line		
					ft/in	☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailor ☐ Air ☐ Flowing
Yield gal/min _____ Drawdown _____ Drill stem at _____ Time _____
Temperature of water _____ Depth Artesian Flow Found _____

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Basalt Brown + Shale Green	780	791	
Basalt Black + Clay Gray	791		
Shale Green		797	
Basalt Black	797	801	
Basalt Gray + Clay Gray	801	808	
Basalt Brown + Clay Brown	808	809	
Basalt Brown + Shale Green	809	811	
Basalt Brown + Clay Brown	811	813	
Basalt Gray + Shale Green	813	815	
Basalt Red + Shale Green	815	818	
Basalt Black + Clay Gray	818	823	
Basalt Gray + Clay or Ash	823	825	
Basalt Black + Clay Gray	825		
Shale Green		826	
Basalt Brown + Clay Brown	826	827	
Basalt Red + Clay Red-Soft	827	829	
Basalt Brown + Clay Brown-Soft	829	831	
Basalt Brown + Clay Tan-Soft	831	832	
Basalt Black + Clay Brown	832	836	
Basalt Brown + Clay Brown	836	837	

Date started _____ Completed _____

(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 2222
Signed [Signature] Date 2-12-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.745) WATER RESOURCES DEPT
SALEM, OREGON

WELL I.D. # 42477 1070
STAKE CARD # 114185

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

(1) OWNER: Well Number _____

Name _____
Address _____
City _____ State _____ Zip _____

(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 _____ ft.

Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE SEAL

Diameter From To Material From To Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter From To Gauge Steel Plastic Welded Threaded

Casing: _____

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____

☐ Screens Type _____

Material _____

From To Slot size Number Diameter Tele/plp size Coating Liner

(9) LOCATION OF WELL, by legal description:

County _____ Latitude _____ Longitude _____

Township _____ N or S Range _____ E or W, WM.

Section _____ 1/4 _____ 1/4

Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 337.765) WATER RESOURCES DEPT

WELL I.D. # 10447 / 102
START CARD # 14185

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Coating	Layer
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump	☐ Hailer	☐ Air	☐ Flowing
Yield gal/min	Drawdown	Drill stem in	Time
			1 hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay + Shale "All Colors"	910	913	
Basalt Black + Clay Gray	913	920	
Chy Gray Green + Basalt Black	920	922	
Clay Green + Shale Green +	922		
Basalt Gray		923	
Basalt Black + Gray + Chy Gray	923	925	
Clay Green + Gray + Basalt Black	925	926	
Basalt Black + Clay Gray	926	927	
Clay Green + Gray + Basalt	927		
Black		928	
Basalt Black + Clay Gray	928	935	
Clay Brown + Green - Soft	935	938	
Basalt Black + Clay Black Soft	938	943	
Basalt Gray + Oak Gray	943	949	
Basalt Gray + Cinders Red	949	951	
Basalt Gray + Clay Gray - Soft	951	970	
Basalt Brown + Quartz Brown	970		
Chy Gray		972	
Basalt Black + Clay Gray +	972		
Quartz White		974	

Date started _____ Completed _____
(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 1297
Signed L. White Date 2-12-01

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

WELL I.D. #1. 141092
START CARD # 114105

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL		
Diameter	From	To	Material	From	To

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

Yield gains	Drawdown	Drill stem	Time
			1 hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL
985	987	350 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Basalt Gray	974	976	
Basalt Brown+Shale Green	976	978	
Basalt Gray+Clay Gray+	978		
Quartz White		981	
Clay Black-Soft	981	983	
Shale Black+Clay Black+Gray	983	984	
Clay Gray+Shale Black	984	985	
Basalt Black+Shale Green	985	987	
Basalt Gray+Clay Gray+	987		
Shale Green		1001	
Basalt Red Brown+Shale Green	1001	1003	
Basalt Black+Clay Gray	1003	1005	
Clay Gray	1005	1006	
Basalt Gray+Clay Gray	1006	1011	
Clay Green-Soft	1011	1017	
Shale Green	1017	1021	
Clay Gray-Soft	1021	1030	
Basalt Black	1030	1036	
Basalt Gray	1036	1044	
Basalt Black	1044	1046	

Date started _____ Completed _____

(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 1399
Signed Walter Lorne Date 2-14-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

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WELL I.D. # L. 114185
START CARD # 114185

Instructions for completing this report are given on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE SEAL
Diameter From To Material From To Seals or points
How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: _____
Liner: _____

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☐ Perforations Method _____
☐ Screens Type _____ Material _____
From To Slot size Number Diameter Tri-plate size Coating Liner

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

☐ Pump ☐ Bailor ☐ Air ☐ Flowing
Yield gal/min Drawdown Drill stem at Time
Temperature of water _____ Depth Artesian Flow Found _____

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL
1066	1076	30 GPM	
1091	1119	22 GPM	
1150	1153	22 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay Green - Soft	1046	1052	
Basalt Black Brown + shale Green	1052	1057	
Basalt Black + Shale Green	1057	1061	
Basalt Gray + Shale Green	1061	1066	
Basalt Black + Cinders Red	1066	1076	
Basalt Gray + Shale Green	1076	1091	
Basalt Gray + Clay Gray	1091	1119	
Basalt Gray Red + Clay Gray	1119	1121	
Basalt Red + Shale Green	1121	1123	
Cinders Red + Shale Green	1123	1143	
Cinders Black + Shale Green	1143	1150	
Basalt Gray + Shale Green	1150	1153	
Basalt Black + Shale Green	1153	1157	
Cinders Red + Black Shale Green	1157	1161	
Cinders Red + Brown	1161	1163	
Basalt Red + Shale Green	1163	1165	
Basalt Black + Brown	1165	1169	
Basalt Black + Clay Gray	1169	1174	
Basalt Black + Cinders Red	1174	1180	
Basalt Black	1180	1182	

Date started _____ Completed _____

(bonded) 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 2299
Signed _____ Date 9-12-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

WELL I.D. # L-10077
START CARD # 14185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

(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 _____ ft.)
Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE				SEAL				Sacks or pounds
Diameter	From	To	Material	From	To	Material		

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 _____

Casing:	Diameter				Gauge	Steel	Plastic	Welded	Threaded
	From	To							
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
Liner:	Diameter				Gauge	Steel	Plastic	Welded	Threaded
	From	To							
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐
						☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:									
☐ Perforations		Method							
☐ Screens		Type							
From	To	Slot size	Number	Diameter	Material	Telephone size	Casing	Liner	
							☐	☐	
							☐	☐	
							☐	☐	
							☐	☐	
							☐	☐	
							☐	☐	
							☐	☐	

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

☐ Pump		☐ Railer		☐ Air		☐ Flowing		☐ Artesian	
Yield gal/min	Drawdown	Drill stem at	Time	Yield gal/min	Drawdown	Drill stem at	Time	Yield gal/min	Drawdown
			1 hr.						

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWI.

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWI.
Basalt Gray + Clay Gray	1182	1189	
Basalt Black + Clay Gray	1189	1193	
Basalt Gray + Shale Green	1193	1194	
Basalt Black + Shale Green	1194	1195	
Basalt Gray + Clay Gray	1195	1206	
Basalt Black + Clay Green Brown	1206	1209	
Basalt Gray + Shale Green	1209	1233	
Basalt Gray + Quartz White	1233	1238	
Basalt Gray + Condes Red +	1238		
Shale Green		1244	
Basalt Brown + Gray	1244	1257	
Basalt Gray + Condes Red	1257	1260	
Basalt Gray + Clay Gray	1260	1269	
Basalt Gray + Brown	1269	1301	
Basalt Black + Shale Green	1301	1304	
Basalt Black + Clay Black	1304	1306	
Basalt Black + Clay Green	1306	1308	
Basalt Gray + Clay Gray	1308	1311	
Basalt Brown + Clay Gray	1311	1314	
Basalt Gray + Clay Gray	1314	1323	

Date started _____ Completed _____

(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 1299
Signed *Walter Jones* Date 8-12-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 517.765)
WATER RESOURCES DEPT
SALEM, OREGON

WELL I.D. #1. 7677 4101
START CARD # 14185

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

(1) OWNER: Well Number _____

Name _____

Address _____

City _____ State _____ Zip _____

(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 _____ ft.

Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL			Seals or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material	
		Type		Telephone	shn
From	To	Slot size	Number	Diameter	

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

		Flowing	
		Artesian	Time
☐ Pump	☐ Bailer	☐ Air	
Yield gallons	Drawdown	Drill stem at	1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____

Township _____ N or S Range _____ E or W. WM.

Section _____ 1/4 _____ 1/4

Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWI
1415	1416	15 GPM	
1525	1535	35 GPM	

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWI
Basalt Gray+Clay Gray	1394	1401	
Basalt Black+Clay Gray	1401	1404	
Basalt Gray+Clay Gray	1404	1413	
Basalt Black+Brown	1413	1415	
Basalt Black+Shale Green	1415	1416	
Basalt Gray+Clay Gray	1416	1417	
Basalt Black with Brown Cont.	1417		
Shale Green		1421	
Basalt Gray+Clay Gray	1421	1425	
Linder+Shale All Colors	1425	1450	
Basalt Gray+Clay Gray	1450	1464	
Basalt Gray	1464	1505	
Linders Red+Shale Green+	1505		
Brown		1519	
Basalt Black+Shale Green	1519	1525	
Basalt Gray+Shale Green	1525	1535	
Basalt Black+Clay Gray	1535	1537	
Basalt Gray+Shale Green	1537	1544	
Basalt Black+Shale Green	1544	1561	
Linders Red+Shale Green	1561	1563	

Date started _____ Completed _____

(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 1399

Signed Carlisle, Jr.

Date 2-12-01

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

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52033

(17)

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.745)

MAR 05 2001

WELL I.D. # 114185
START CARD # 114185

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From		To		Slot size		Number		Diameter		Teh/tyes size		Casing		Liner	
												☐	☐	☐	☐
												☐	☐	☐	☐
												☐	☐	☐	☐
												☐	☐	☐	☐

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

Yield gal/min		Drawdown		Drill diam at		Time	
							1 hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ 1st _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWI.
1563	1566	10 GPM	
1617	1620	200 GPM	
1620	1634	300 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWI.
Basalt Black + Cinders Red	1563	1566	
Basalt + Gray + Shale Green + with Calcite White	1566	1614	
Basalt Black + Cinders Red + Clay Gray + Quartz White	1614	1615	
Shale Orange Red + Cinders	1615	1617	
Cinders Red	1617	1620	
Basalt Black + Cinders Red	1620	1634	
Basalt Black + Gray	1634	1647	
Cinders Black + Shale Green	1647	1650	
Cinders Green + Shale Green	1650	1673	
Shale Green + Clay Green	1673	1675	
Basalt Black + Cinders Red + Shale Green	1675	1708	
Basalt Black + Cinders Black + Shale Green	1708	1724	
Cinders Black + Red + Basalt Black	1724	1763	
Basalt Black	1763	1765	
Cinders Red + Black + Quartz	1765	1777	
Green like Glass			

Date started _____ Completed _____
(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 1349
Signed Eric L. Smith Date 2-12-01

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

AUG 12 2015

SALEM, OR

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UNIO
51233

18

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

MAR 05 2001

WATER RESOURCES DEPT.
SALEM, OREGON

WELL I.D. # 146477
START CARD # 114185

Instructions for completing this report are printed on the back of this form.

(1) OWNER: Well Number _____

Name _____

Address _____

City _____ State _____ Zip _____

(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 _____ ft.

Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations

Method _____

☐ Screens

Type _____

Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump

☐ Bailor

☐ Air

Flowing ☐ Artesian

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

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____

Township _____ N or S Range _____ E or W. WM.

Section _____ 1/4 _____ 1/4

Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface.

Date _____

Artesian pressure _____ lb. per square inch.

Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
1845	1924	1241 GPM	

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Basalt Gray + Green	1777	1784	
Basalt Gray + some Cinders	1784		
Red + Clay Gray		1801	
Basalt Gray Brownish Clay Gray	1801	1828	
Basalt Gray + Cinders Red	1828	1831	
Cinders Red + Black + Gray	1831	1833	
Basalt Brown - Red	1833	1842	
Cinders Black + Red + Gray +	1842		
Shale Green		1845	
Basalt Gray	1845	1924	

Date started _____

Completed _____

(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 1349

Signed *W. J. L. L. L.*

Date 2-11-01

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

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Facility Water Use Report



 excel
 text

WELL 2 Report ID 38303

2001 137 FEET SOUTH AND 1127 FEET EAST FROM NW CORNER, SECTION 29
 begin water (1S-39E-29-NW NW)
 year [Permit: G 13123 CN](#)
 end water year [ROSS & CARRIE BINGAMAN](#)

Records per page:

<u>Water</u> <u>Year*</u>	<u>Method of</u> <u>Measurement</u>	<u>Acre-feet (AF) of Water Used</u>												<u>Total Water</u> <u>Used</u>	<u>Irrigated</u> <u>Acres</u>
		<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>		
2001		0.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	65.00	45.00	40.00	72.00	282.00	

*The water year is named for the calendar year in which it ends. Example: the 2014 water year begins Oct. 1, 2013 and ends Sep. 30, 2014.

- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water Use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeros indicate that a report was received, stating that no water was used during those months; if a year is not listed, no report of water use was received for that year.

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SALEM, OR

Entity Water Use Report



2002

start water year

ROSS & CARRIE BINGAMAN

2007

end water year

Records per page: 10

Acre-feet (AF) of Water Used

<u>Water Year*</u>	<u>Report ID</u>	<u>Facility</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total Water Used</u>	<u>Irrigated Acres</u>
2007	38298	WELL 1 / STRIKER (UNIO 50083)	36.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	75.00	52.00	50.00	65.00	358.00	
2007	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	38.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	70.00	55.00	45.00	25.00	313.00	
2006	38298	WELL 1 / STRIKER (UNIO 50083)	35.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	75.00	55.00	47.00	32.00	324.00	
2006	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	12.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	60.00	47.00	50.00	20.00	244.00	
2005	38298	WELL 1 / STRIKER (UNIO 50083)	38.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	70.00	50.00	45.00	25.00	308.00	
2005	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	65.00	50.00	53.00	16.00	274.00	
2004	38298	WELL 1 / STRIKER (UNIO 50083)	25.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	30.00	25.00	35.00	30.00	180.00	
2004	38303	WELL 2	15.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	20.00	15.00	25.00	15.00	115.00	
2003	38298	WELL 1 / STRIKER (UNIO 50083)	36.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	75.00	60.00	60.00	75.00	386.00	
2003	38303	WELL 2	37.00	0.00	0.00	0.00	0.00	0.00	0.00	65.00	70.00	60.00	45.00	65.00	342.00	

12

*The water year is named for the calendar year in which it ends. Example: the 2014 water year begins Oct. 1, 2013 and ends Sep. 30, 2014.

- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water Use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeroes indicate that a report was received, stating that no water was used during those months; if a year is not listed, no report of water use was received for that year

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SALEM, OR

Entity Water Use Report

**2008**

start water year

ROSS & CARRIE BINGAMAN

2014

end water year

Records per page:

Acre-feet (AF) of Water Used

<u>Water Year*</u>	<u>Report ID</u>	<u>Facility</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total Water Used</u>	<u>Irrigated Acres</u>
2014	38298	WELL 1 / STRIKER (UNIO 50083)	10.00	0.00	0.00	0.00	0.00	0.00	10.00	50.00	60.00	15.00	20.00	30.00	195.00	175.00
2014	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	0.00	0.00	0.00	0.00	0.00	0.00	10.00	50.00	50.00	50.00	25.00	10.00	195.00	241.00
2013	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	75.00	75.00	42.00	40.00	322.00	
2013	38298	WELL 1 / STRIKER (UNIO 50083)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	85.00	60.00	50.00	13.00	35.00	273.00	
2012	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	70.00	70.00	35.00	42.00	297.00	
2012	38298	WELL 1 / STRIKER (UNIO 50083)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	80.00	60.00	50.00	20.00	36.00	276.00	
2011	38298	WELL 1 / STRIKER (UNIO 50083)	15.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	60.00	15.00	10.00	24.00	164.00	
2011	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	60.00	60.00	20.00	25.00	250.00	
2010	38298	WELL 1 / STRIKER (UNIO 50083)	15.00	0.00	0.00	0.00	0.00	0.00	0.00	60.00	40.00	60.00	50.00	25.00	250.00	
2010	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	30.00	0.00	0.00	0.00	0.00	0.00	0.00	55.00	60.00	60.00	31.00	20.00	256.00	

12

*The water year is named for the calendar year in which it ends. Example: the 2014 water year begins Oct. 1, 2013 and ends Sep. 30, 2014.

- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water Use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeros indicate that a report was received, stating that no water was used during those months; if a year is not listed, no report of water use was received for that year

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SALEM, OR

Entity Water Use Report

☒ excel
☐ text

2014

start water year

ROSS & CARRIE BINGAMAN

2014

end water year

 Records per page:

Acre-feet (AF) of Water Used

<u>Water Year*</u>	<u>Report ID</u>	<u>Facility</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total Water Used</u>	<u>Irrigated Acres</u>
2014	38298	WELL 1 / STRIKER (UNIO 50083)	10.00	0.00	0.00	0.00	0.00	0.00	10.00	50.00	60.00	15.00	20.00	30.00	195.00	175.00
2014	61488	WELL 2 / HULL (UNIO 50833 / L-40702)	0.00	0.00	0.00	0.00	0.00	0.00	10.00	50.00	50.00	50.00	25.00	10.00	195.00	241.00

*The water year is named for the calendar year in which it ends. Example: the 2014 water year begins Oct. 1, 2013 and ends Sep. 30, 2014.

- Monthly amounts indicate:
 - For diverted rights, the total amount diverted during the month;
 - For storage rights, the amount generally stored in the reservoir/pond during the month, as represented by the volume of water impounded on approximately the same day each month.
- Water Use amounts have all been converted to "acre-feet" (AF), regardless of the original measurement unit reported. One AF is the volume of water that will cover an acre of ground one foot deep = 325,850 gallons.
- Zeros indicate that a report was received, stating that no water was used during those months; if a year is not listed, no report of water use was received for that year

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AUG 12 2015

SALEM, OR



Oregon
Kate Brown, Governor

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

Fax (503) 986-0904

August 17, 2015

Ross Bingaman
P.O. Box 56
Imbler OR 97841

On August 12, 2015, the Water Resources Department received the Claim of Beneficial Use (COBU) for the following file(s):

Application G-15730 Permit G-15376
G-15959 G-15582
G-15575 G-15278

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.

Cc: file

AUG 12 2015

SALEM, OR

T 1 S R 39 E



Hull Lane Well Position:
 Latitude: 45°27'23.53469" N
 Longitude: 117°58'12.70613" W

S 84.7' and E 708.8' from the Northwest
 corner of Section 29, T1S R39E, WM

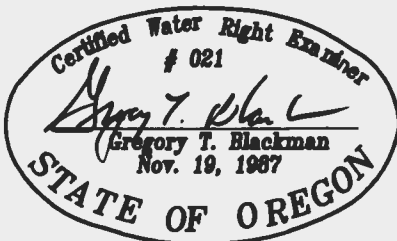
NOTE: Meter is located approximately 8'
 East of the Well Head under the well
 shelter.

Primary lands irrigated from new
 well under G-15376
 for Ross A. and Carrie Jo
 Bingaman and Aaron Wade and
 Angela Marie Bingaman, Northwest
 Farm Credit Services, FLCA.

Primary lands irrigated from new
 well under G-15582 Aaron Wade
 and Angela Marie Bingaman

Primary lands irrigated from new
 well under G-15278
 for Ross A. Bingaman

----- Mainline



NOTE: The preparation of this map
 was for the purpose of identifying
 the location of the proposed water
 right and has no intent to provide
 dimensions or location of property
 ownership lines. Location information
 shown hereon was furnished by
 the applicant.

Claim of Beneficial Use Map for
 Rights under G-15278 for
 Ross A Bingaman and
 Rights Under G-15376 for Ross
 A and Carrie Jo Bingaman, Aaron Wade
 and Angela Marie Bingaman also
 Rights Under G-15682 for Wade
 and Angela Bingaman

BY
BAGETT - GRIFFITH & BLACKMAN
 2006 ADAMS AVENUE
 LAGRANDE, OREGON 97850

June 26, 2015

APPLICATION NO. G-15730, G-15575 & G-15959

PERMIT NUMBER G-15376, G-15278 & G-15582

the applicant
 from person who claimed pl
 ownership over possession in
 of portions of section of block
 that was no intent to make
 the possession of the block
 was for the purpose of identifying
 note the possession of the sub



DEED NUMBER C-12345 C-12346 & C-12347

APPLICATION NO. C-12345 C-12346 & C-12347

June 28, 2012

TRUCKSIDE, OREGON 97220
 3008 ADAMS AVENUE
 BACELL - CIBELIN & BLACKMAN
 BA

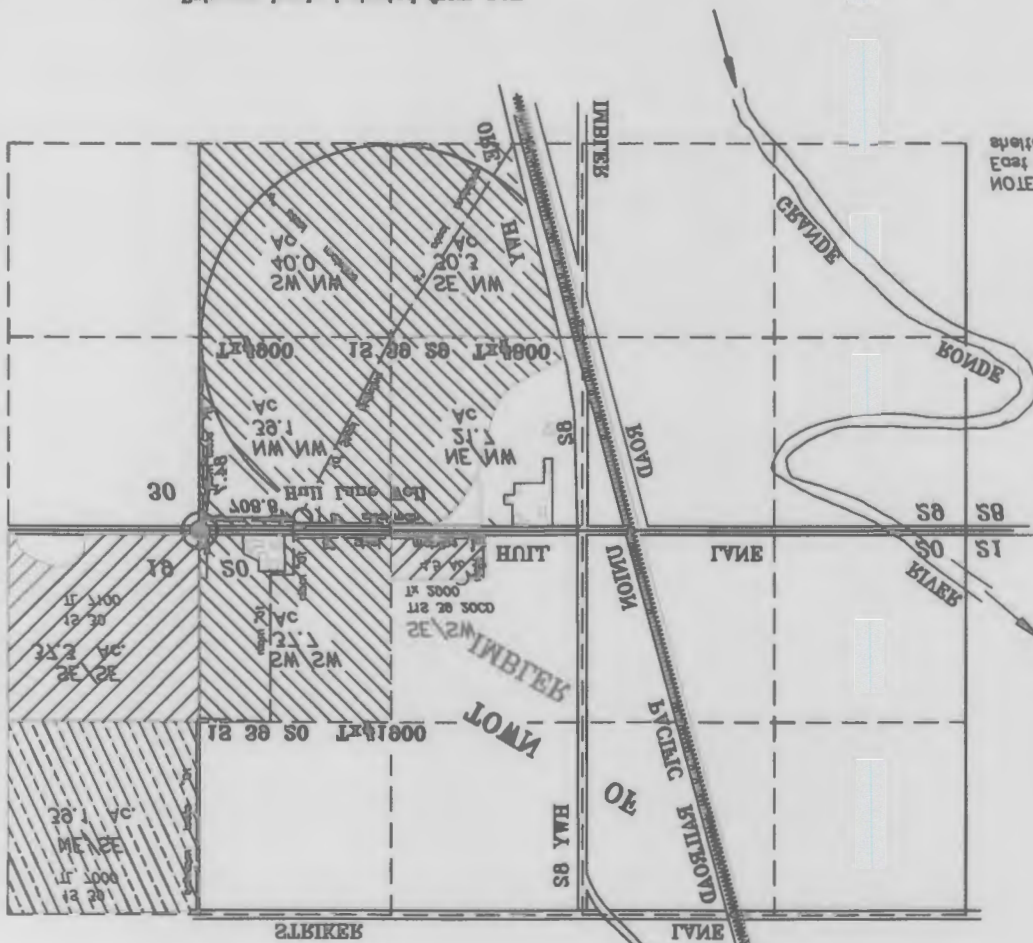
and Agents Bingham
 Rights under C-12345 for made
 and Agents Marie Bingham also
 A and Carrie to Bingham, Aaron made
 Rights under C-12346 for Rosa
 Rosa A Bingham and
 Rights under C-12347 for
 claim of Beneficial Use Map for

for Rosa A Bingham
 well under C-12346
 primary lands protected from new

from Clark, Bingham, HCV
 Agents Marie Bingham, Bingham
 Bingham and Aaron made and
 for Rosa A and Carrie to
 well under C-12347
 primary lands protected from new

Metalline

and Agents Marie Bingham
 well under C-12345 Aaron made
 primary lands protected from new



corner of section 30, 112 E 38E, NW
 2 84' and E 108', from the Northwest
 Longitude: 112.28, 15.10812, W
 Latitude: 42.51, 52.22488, N
 Full Lane Well Position:

SCALE 1" = 1250'

STATE OF

JUNE 18, 2012

RECEIVED BY OMBD

.MEMORANDUM

TO: ADRIENNE NICHOLS, GROUND WATER SECTION
FROM: CERTIFICATE SECTION – CONNIE VANCE
SUBJECT: PUMP TEST FOR PERMIT G-13123 APPLICATION G-14270
DATE: 8/13/2015

The attached pump test was recently received. We have retained the original for the application file.

The attached pump test was originally received August 6, 2001 and was placed in application files G-15575 Permit G-15278, App G-15730 Permit G-15376 and App G-15959.

It was submitted again with a COBU for each of the above mentioned files on August 12, 2015.

There is nothing in the files that indicates a pump test was submitted for each file or approved.

I'm not sure what the connection is between the attached pump test and the listed applications.

Just let me know when you figure this out.

Thanks for your help.

Connie

Water Right Support

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: Ross A. Bingaman
Address: PO Box 56
County: Union
City: Imbler State: OR Zip: 97841
Original owner (from well log): same

Well Location:

Township: 1 S Range: 39 E
Section: 29 $\frac{1}{4}$ NE $\frac{1}{16}$ NE $\frac{1}{64}$ NE
Well depth: 1,920.0 Date drilled: 06/01/2000
Owners well no. (if any): 2
POD ID: 38303

Water Right Information:

Application: G-14270 Permit: G-13123 Certificate: N/A
Is this well listed on more than one water right? ☐ Yes If yes, list additional water rights below:
Application: _____ Permit: _____ Certificate: _____
Application: _____ Permit: _____ Certificate: _____

Pump Test:

Test Conducted by: Ross Bingaman Well Owner? ☒ Yes
Company: Self-employed
Address: PO Box 56 Date of Test: 06/11/2001
City: Imbler State: OR Zip: 97841
Daytime phone: (541)534-2745

Method of discharge measurement (see our brochure for more information): Flow meter
Method of water-level measurement (pick one or enter other method used): Artesian Well
Length of air line (if used): _____

Pump type (pick one or enter other method used): Centrifugal

Was the pump test conducted during normal use of the well? ☒ Yes Note: _____

Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? ☐ Yes Note: _____
If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test: _____

Is there a lake, stream or other surface water body within $\frac{1}{4}$ mile of the tested well? ☐ Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: _____ ft Approx. elevation difference: _____ ft
Well elevation is above surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) Top plate of casing.

Measuring point distance above land surface 2.00 feet.

Static water level measurements: (A minimum of three measurements are required in the hour before pumping begins at no less than 20 minutes apart):

Time	Depth to water below meas. point	Depth to water below land surface
<u>7:00 am</u>	<u>Artesian 16 psi</u>	_____
<u>7:20 am</u>	<u>16 psi</u>	_____
<u>7:40 am</u>	<u>16 psi</u>	_____

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>8:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>9:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>10:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>11:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>11:59 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 06/11/2001 Time 8:00 am
Time pump turned off: Date 06/11/2001 Time 12:00 pm
Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

Required Signature: _____

Ross A. Bingaman

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SALEM, OR

Oregon Water Resources Department
PUMP TEST FORM COVER SHEET

Well Owner:

Name: Ross A. Bingham
Address: PO Box 56
County: Union
City: Imbler State: OR Zip: 97841
Original owner (from well log): same

Well Location:

Township: 1 S Range: 39 E
Section: 29 NE 1/4 NE 1/4 NE
Well depth: 1,920.0 Date drilled: 06/01/2000
Owners well no. (if any): 2
POD ID: 38303

Water Right Information:

Application: G-14270 Permit: G-13123 Certificate: N/A
Is this well listed on more than one water right? ☐ Yes If yes, list additional water rights below:
Application: Permit: Certificate:
Application: Permit: Certificate:

Pump Test:

Test Conducted by: Ross Bingham Well Owner? ☒ Yes
Company: Self-employed
Address: PO Box 56 Date of Test: 06/11/2001
City: Imbler State: OR Zip: 97841
Daytime phone: (541)534-2745

Method of discharge measurement (see our brochure for more information): Flow meter
Method of water-level measurement (pick one or enter other method used): Artesian Well
Length of air line (if used):

Pump type (pick one or enter other method used): Centrifugal
Was the pump test conducted during normal use of the well? ☒ Yes Note:
Are you aware of any wells, other than domestic or stock wells, pumping within 1000 feet of the tested well during the test or within 24 hours prior to the test? ☐ Yes Note:
If yes, give approximate distances to each and approximate pumping rate of each. If possible, indicate if they were turned on or off during the test:

Is there a lake, stream or other surface water body within 1/4 mile of the tested well? ☐ Yes If yes, give approximate distance from the well and approximate elevation difference between the surface water and the well head. Approx. distance: ft Approx. elevation difference: ft

Well elevation is above surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) Top plate of casing.

Measuring point distance above land surface 2.00 feet.

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<u>7:00 am</u>	<u>Artesian 16 psi</u>	
<u>7:20 am</u>	<u>16 psi</u>	
<u>7:40 am</u>	<u>16 psi</u>	

Discharge measurements: (A discharge measurement is required at the start of pumping and at least once an hour during the test; additional measurements should be noted on the Pump Test Data Sheet):

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>8:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>9:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>10:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>11:00 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>
<u>11:59 am</u>	<u>1,700.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 06/11/2001 Time 8:00 am
Time pump turned off: Date 06/11/2001 Time 12:00 pm
Total pumping time: 4 hours 0 minutes

Note: Well must be idle for at least 16 hours prior to the test.

Additional forms can be obtained from our web site at: <http://www.wrd.state.or.us>

OWRD 2/9/2000

Required Signature: _____

Application No. G-15730
Permit No.

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MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

Parent Order#: 10072189
Order No: 10072263
Customer: BINGAMON, ROSS
PO BOX 56
INGLER, OR 97841

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Order Date: 08/04/2000
Routing: W/SYS

Due Date: 08/09/2000
Dealer PO:

=====
Model: 8000 Pivot Pressure (PSI): 75
Machine Length: 1389.58 Gallonage (GPM): 1000
End Gun Radius: 109.74 GPM/Acre: 0
Total Acres: 162.13 App Rate (In/Day): 0.33
=====

Precision Corner

Model Qty Length(ft) Dia(in) Spacing(in) Profile Tire

8000 6 160.0 6 5/8 108 Standard 11.2 x 38
8000 1 140.0 6 5/8 108 Standard 11.2 x 38
8098 1 287 Standard 11.2 x 38

Pressure

PSI = 75
Measured at = Inlet
Pressure Loss (PSI) = 19.18

Sprinkler Configuration

All U-pipe = 6, Galvanized, 3/4 M NPT x 3/4 F NPT
Variable Drop = Hose, 72, 3/4 F Hose
Regulator = Nelson, Blue Square, 25, Auto, 3/4 F NPT x 3/4 M Acme
Slip Weight = 26, 2, Poly
Sprinkler = Nelson, R3000, D6 - Red, 3/4 F Acme

Endgun Summary

Usage = Standard
Model = Komet SR101
Endgun Valve = 9390228
Booster Pump = 2 HP

Timer Chart Settings

Center Drive (Output RPM) = 56
Motor Frequency = 60Hz
Wheel Gearbox Ratio = 52:1
Tires Size = 11.2 x 38

Options

Drain Sprinkler = Senninger Directional
Last Sprinkler Coverage = 1ft
Use Last Coupler = YES
Minimum Mainline PSI = 6
Dry Wheel tracks = NO

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SALEM, OREGON

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Order No: 10072263
Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

WARRANTY

The information presented in the attached Dealer Sprinkler Report, Setup Sprinkler Report, and Percent Timer Report is based on variables which cannot be totally controlled by Valmont (including, but not limited to; pivot pressure, inside pipeline surface, end gun throw, end gun arc setting, tire slippage, tire pressure, field slopes, soil variations, sprinkler package installation, well capacity, center drive motor voltage, center drive motor frequency, climatic conditions and other elements and circumstances beyond Valmont's reasonable control). Valmont makes no warranty for this sprinkler package's uniformity and/or distribution of water or chemicals, accuracy or consistency of the application depth, and machine rotation time. Furthermore, Valmont makes no representations or recommendations as to percentage timer settings, water application rates, irrigation scheduling, and other similar or dissimilar irrigation/farm management decisions.

LIABILITY

The responsibility and obligations lie with the end user to determine if the sprinkler package/report received matches the machine configuration and field conditions (including but not limited to: sprinkler type, sprinkler spacing, sprinkler height, pressure regulator type, crop, soil type, span lengths, last regular drive unit tire type, last regular drive unit motor, and pipe diameters). VALMONT ASSUMES NO LIABILITY OF WHATSOEVER NATURE OR KIND FOR CROP LOSSES OR OTHER DAMAGES (INCLUDING CONSEQUENTIAL DAMAGES) CAUSED BY THIS SPRINKLER PACKAGE.

SPRINKLER REPORT GENERAL INFORMATION

Sprinkler reports are created using information from the Sprinkler Order Transmittal received or as given verbally to a Valmont Customer Service/Parts Representative and is considered by Valmont to be accurate.

Pivot span length begins at the center of the riser pipe inlet and ends at the center of a flex joint. Intermediate length span begins and ends at the center of a flex joint. Last span length begins at the center of a flex joint and ends at the last pipe flange.

Pivot pressure begins at the first coupler on the pipeline downstream of the pivot elbow. End pressure stated by the report will be within a range of -0 to +1.1 PSI of the specified end pressure at the end of the machine pipeline. Calculated pressure stated by the report will be within a range of -0 to +1.1 PSI of the minimum sprinkler pressure specified by Valmont or its sprinkler suppliers.

Pipeline pressure and drop length stated by the report for a bowstring span are adjusted for elevation change due to crown height, tire size and drive unit profile.

Calculated sprinkler ground clearance extends from the ground surface up to the point where the water exits the sprinkler.

Highest elevation stated by the report is prorated over the first 30% of machine length with the remaining machine length at the highest elevation and is only used with sprinkler packages containing pressure regulators.

Non-pressure regulated machines are considered to be on level ground. Pressure regulators will have a minimum inlet pressure of 5 PSI plus their nominal pressure rating.

Auxiliary end gun will be specified by the sprinkler program only when it is requested by the customer and the primary end gun cannot meet the end gun required flow. End gun coverage area can be over watering or under watering based upon end gun nozzle size and/or booster pump flow limitations.

The Percentage Timer Data report is based upon typical operating conditions. Valmont recommends monitoring the machine for at least one revolution to obtain an accurate rotation time.

Water application rates and rotation times may vary with a corner machine operating in chemigate mode.

Application No. 6 15730
Permit No.

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WATER RESOURCES DEPT.
SALEM, OREGON

Parent Order#: 10072189
 Order No: 10072263
 Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
1	6.51			Gauge						
2	15.51			Plug						
3	24.51			Plug						
Sprinkler: Nelson R3000 Rotator										
4	33.51	1		14	Lime	D6 - Red	98	Blue Square 25L	27.77	1.76
5	42.51		9.00	Plug						
6	51.01	2	17.50	14	Lime	D6 - Red	104	Blue Square 25L	27.78	1.76
7	59.43		8.42	Plug						
8	67.84	3	16.83	14	Lime	D6 - Red	108	Blue Square 25L	27.64	1.76
9	76.34		8.50	Plug						
10	85.34	4	17.50	14	Lime	D6 - Red	109	Blue Square 25L	27.48	1.75
11	94.34		9.00	Plug						
12	103.34	5	18.00	14	Lime	D6 - Red	108	Blue Square 25L	27.33	1.75
13	112.34		9.00	Plug						
14	121.24	6	17.90	14	Lime	D6 - Red	105	Blue Square 25L	27.18	1.74
15	130.24		9.00	Plug						
16	139.24	7	18.00	16	Lavender	D6 - Red	99	Blue Square 25L	26.99	2.30
17	148.24		9.00	Plug						
18	157.24	8	18.00	17	Lavender/Gray	D6 - Red	90	Blue Square 25L	26.87	2.59
161.90 Tower Number: 1 Span Length: 159.79										
19	166.55		9.31	Plug						
20	175.55	9	18.31	17	Lavender/Gray	D6 - Red	95	Blue Square 25L	26.75	2.58
21	184.55		9.00	Plug						
22	193.55	10	18.00	18	Gray	D6 - Red	104	Blue Square 25L	26.59	2.86
23	202.55		9.00	Plug						
24	211.05	11	17.50	19	Gray/Turq	D6 - Red	109	Blue Square 25L	26.47	3.21
25	219.47		8.42	Plug						
26	227.89	12	16.83	20	Turquoise	D6 - Red	112	Blue Square 25L	26.36	3.56
27	236.39		8.50	Plug						
28	245.39	13	17.50	21	Turq/Yellow	D6 - Red	113	Blue Square 25L	26.20	3.85
29	254.39		9.00	Plug						
30	263.39	14	18.00	21	Turq/Yellow	D6 - Red	111	Blue Square 25L	26.06	3.84
31	272.39		9.00	Plug						
32	281.28	15	17.90	22	Yellow	D6 - Red	107	Blue Square 25L	26.01	4.25
33	290.28		9.00	Plug						
34	299.28	16	18.00	23	Yellow/Red	D6 - Red	100	Blue	25.97	4.61

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WATER RESOURCES DEPT.
 SALEM, OREGON

Application No.
 Permit No.

6-15730

Parent Order#: 10072189
Order No: 10072263
Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle	Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
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WATER RESOURCES DEPT.
SALEM, OREGON

35	308.28		9.00	Plug					Square 25L		
36	317.28	17	18.00	24		Red	D6 - Red	91	Blue Square 25L	25.92	5.08

321.94 Tower Number: 2

Span Length: 160.04

37	326.60		9.31	Plug							
38	335.60	18	18.31	25		Red/White	D6 - Red	95	Blue Square 25L	25.90	5.48
39	344.60		9.00	Plug							
40	353.60	19	18.00	25		Red/White	D6 - Red	104	Blue Square 25L	25.89	5.48
41	362.60		9.00	Plug							
42	371.10	20	17.50	25		Red/White	D6 - Red	109	Blue Square 25L	25.88	5.48
43	379.51		8.42	Plug							
44	387.93	21	16.83	25		Red/White	D6 - Red	112	Blue Square 25L	25.85	5.48
45	396.43		8.50	Plug							
46	405.43	22	17.50	27		White/Blue	D6 - Red	113	Blue Square 25L	25.78	6.37
47	414.43		9.00	Plug							
48	423.43	23	18.00	27		White/Blue	D6 - Red	111	Blue Square 25L	25.75	6.37
49	432.43		9.00	Plug							
50	441.32	24	17.90	28		Blue	D6 - Red	107	Blue Square 25L	25.70	6.93
51	450.32		9.00	Plug							
52	459.32	25	18.00	29		Blue/Dk Brown	D6 - Red	100	Blue Square 25L	25.68	7.40
53	468.32		9.00	Plug							
54	477.32	26	18.00	29		Blue/Dk Brown	D6 - Red	91	Blue Square 25L	25.65	7.40

481.98 Tower Number: 3

Span Length: 160.04

55	486.64		9.31	Plug							
56	495.64	27	18.31	30		Dark Brown	D6 - Red	95	Blue Square 25L	25.62	7.92
57	504.64		9.00	Plug							
58	513.64	28	18.00	30		Dark Brown	D6 - Red	104	Blue Square 25L	25.61	7.92
59	522.64		9.00	Plug							
60	531.14	29	17.50	30		Dark Brown	D6 - Red	109	Blue Square 25L	25.61	7.92
61	539.55		8.42	Plug							
62	547.97	30	16.83	30		Dark Brown	D6 - Red	112	Blue Square 25L	25.59	7.91
63	556.47		8.50	Plug							
64	565.47	31	17.50	32		Orange	D6 - Red	113	Blue Square 25L	25.41	8.97
65	574.47		9.00	Plug							

Application No. 6-15730
Permit No.

Parent Order#: 10072189

Order No: 10072263

Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
66	583.47	32	18.00	32	Orange	D6 - Red	111	Blue Square 25L	25.35	8.96
67	592.47		9.00	Plug						
68	601.37	33	17.90	32	Orange	D6 - Red	107	Blue Square 25L	25.26	8.95
69	610.37		9.00	Plug						
70	619.37	34	18.00	33	Orange/Dk Grn	D6 - Red	100	Blue Square 25L	25.12	9.51
71	628.37		9.00	Plug						
72	637.37	35	18.00	34	Dark Green	D6 - Red	90	Blue Square 25H	25.71	10.22

642.02 Tower Number: 4

Span Length: 160.04

73	646.68		9.31	Plug						
74	655.68	36	18.31	34	Dark Green	D6 - Red	95	Blue Square 25H	25.67	10.21
75	664.68		9.00	Plug						
76	673.68	37	18.00	34	Dark Green	D6 - Red	103	Blue Square 25H	25.66	10.21
77	682.68		9.00	Plug						
78	691.18	38	17.50	34	Dark Green	D6 - Red	108	Blue Square 25H	25.66	10.21
79	699.60		8.42	Plug						
80	708.01	39	16.83	35	Dk Grn/Purple	D6 - Red	111	Blue Square 25H	25.60	10.75
81	716.51		8.50	Plug						
82	725.51	40	17.50	36	Purple	D6 - Red	112	Blue Square 25H	25.50	11.27
83	734.51		9.00	Plug						
84	743.51	41	18.00	36	Purple	D6 - Red	110	Blue Square 25H	25.43	11.26
85	752.51		9.00	Plug						
86	761.41	42	17.90	37	Purple/Black	D6 - Red	106	Blue Square 25H	25.34	12.01
87	770.41		9.00	Plug						
88	779.41	43	18.00	37	Purple/Black	D6 - Red	99	Blue Square 25H	25.30	12.00
89	788.41		9.00	Plug						
90	797.41	44	18.00	38	Black	D6 - Red	90	Blue Square 25H	25.20	12.66

802.07 Tower Number: 5

Span Length: 160.04

91	806.72		9.31	Plug						
92	815.72	45	18.31	38	Black	D6 - Red	95	Blue Square 25H	25.16	12.65
93	824.72		9.00	Plug						
94	833.72	46	18.00	38	Black	D6 - Red	103	Blue Square 25H	25.14	12.65
95	842.72		9.00	Plug						
96	851.22	47	17.50	38	Black	D6 - Red	108	Blue Square 25H	25.16	12.65

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WATER RESOURCES DEPT.
SALES, OREGON

Parent Order#: 10072189
 Order No: 10072263
 Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
97	859.64		8.42	Plug 38						
98	868.06	48	16.83		Black	D6 - Red	111	Blue Square 25H	25.11	12.64
99	876.56		8.50	Plug 40						
100	885.56	49	17.50		Dk Turquoise	D6 - Red	112	Blue Square 25H	24.94	13.97
101	894.56		9.00	Plug 40						
102	903.56	50	18.00		Dk Turquoise	D6 - Red	110	Blue Square 25H	24.89	13.96
103	912.56		9.00	Plug 40						
104	921.45	51	17.90		Dk Turquoise	D6 - Red	106	Blue Square 25H	24.83	13.94
105	930.45		9.00	Plug 42						
106	939.45	52	18.00		Mustard	D6 - Red	99	Blue Square 25H	24.72	15.42
107	948.45		9.00	Plug 42						
108	957.45	53	18.00		Mustard	D6 - Red	90	Blue Square 25H	24.72	15.42

962.11 Tower Number: 6

Span Length: 160.04

109	966.77		9.31	Plug 42						
110	975.77	54	18.31		Mustard	D6 - Red	95	Blue Square 25H	24.70	15.41
111	984.77		9.00	Plug 42						
112	993.77	55	18.00		Mustard	D6 - Red	104	Blue Square 25H	24.73	15.42
113	1002.77		9.00	Plug 40						
114	1011.27	56	17.50		Dk Turquoise	D6 - Red	109	Blue Square 25H	24.80	13.93
115	1019.68		8.42	Plug 42						
116	1028.10	57	16.83		Mustard	D6 - Red	111	Blue Square 25H	24.73	15.42
117	1036.10		8.00	Plug 42						
118	1044.52	58	16.42		Mustard	D6 - Red	110	Blue Square 25H	24.74	15.43
119	1052.93		8.42	Plug 42						
120	1061.43	59	16.92		Mustard	D6 - Red	107	Blue Square 25H	24.58	15.37
121	1070.43		9.00	Plug 38						
122	1079.43	60	18.00		Black	D6 - Red	100	Blue Square 25H	25.24	12.67
123	1088.43	61	9.00	31	Dk Brn/Orange	D6 - Red	96	Blue Square 25L	25.51	8.36
124	1097.43	62	9.00	30	Dark Brown	D6 - Red	91	Blue Square 25L	25.59	7.91

125 1101.22 3.79
 1101.83 Tower Number: 7

Span Length: 139.72

126	1103.64		6.21	Plug 32						
127	1105.55	63	8.12		Orange	D6 - Red	90	Blue Square 25L	25.41	8.97

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 SALEM, OREGON

Parent Order#: 10072189
 Order No: 10072263
 Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
128	1108.05		2.50	Plug						
129	1110.55		5.00	Plug						
130	1113.05		7.50	Plug						
131	1115.55	64	10.00	33	Orange/Dk Grn	D6 - Red	97	Blue Square 25L	25.17	9.52
132	1118.05		2.50	Plug						
133	1120.55		5.00	Plug						
134	1123.05		7.50	Plug						
135	1125.55	65	10.00	33	Orange/Dk Grn	D6 - Red	103	Blue Square 25L	25.11	9.51
136	1128.05		2.50	Plug						
137	1130.55		5.00	Plug						
138	1133.05		7.50	Plug						
139	1135.55	66	10.00	34	Dark Green	D6 - Red	109	Blue Square 25L	25.04	10.09
140	1138.05		2.50	Plug						
141	1140.55		5.00	Plug						
142	1143.05		7.50	Plug						
143	1145.55	67	10.00	34	Dark Green	D6 - Red	113	Blue Square 25L	25.04	10.09
144	1148.12		2.56	Plug						
145	1150.45		4.90	Plug						
146	1152.95		7.40	Plug						
147	1155.45	68	9.90	34	Dark Green	D6 - Red	117	Blue Square 25H	25.74	10.23
148	1157.95		2.50	Plug						
149	1160.45		5.00	Plug						
150	1162.95		7.50	Plug						
151	1165.45	69	10.00	34	Dark Green	D6 - Red	120	Blue Square 25H	25.72	10.22
152	1167.95		2.50	Plug						
153	1170.45	70	5.00	16	Lavender	D6 - Red	122	Blue Square 25L	26.74	2.29
154	1172.95		2.50	Plug						
155	1175.45	71	5.00	34	Dark Green	D6 - Red	123	Blue Square 25H	25.69	10.22
156	1177.95		2.50	Plug						
157	1180.45	72	5.00	17	Lavender/Gray	D6 - Red	124	Blue Square 25L	26.57	2.57
158	1182.95		2.50	Plug						
159	1185.45	73	5.00	34	Dark Green	D6 - Red	124	Blue Square 25H	25.67	10.21
160	1187.95		2.50	Plug						
161	1190.45	74	5.00	19	Gray/Turq	D6 - Red	126	Blue Square 25L	26.41	3.20
162	1193.03		2.58	Plug						
163	1195.28	75	4.83	35	Dk Grn/Purple	D6 - Red	125	Blue Square 25H	25.62	10.75
164	1197.78		2.50	Plug						
165	1200.28	76	5.00	19	Gray/Turq	D6 - Red	127	Blue Square 25L	26.24	3.19
166	1202.78		2.50	Plug						
167	1205.28	77	5.00	35	Dk Grn/Purple	D6 - Red	126	Blue Square	25.60	10.75

Application No. 0-15730

Permit No.

RECEIVED
 MAR 27 2002
 WATER RESOURCES DEPT.

Parent Order#: 10072189

Order No: 10072263

Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
168	1207.78		2.50	Plug				25H		
169	1210.28	78	5.00	21	Turq/Yellow	D6 - Red	127	Blue Square 25L	26.07	3.84
170	1212.78		2.50	Plug						
171	1215.28	79	5.00	35	Dk Grn/Purple	D6 - Red	125	Blue Square 25H	25.59	10.74
172	1217.85		2.56	Plug						
173	1220.18	80	4.90	22	Yellow	D6 - Red	126	Blue Square 25L	25.93	4.24
174	1222.68		2.50	Plug						
175	1225.18	81	5.00	35	Dk Grn/Purple	D6 - Red	124	Blue Square 25H	25.56	10.74
176	1227.68		2.50	Plug						
177	1230.18	82	5.00	23	Yellow/Red	D6 - Red	124	Blue Square 25L	25.90	4.61
178	1232.68		2.50	Plug						
179	1235.18	83	5.00	36	Purple	D6 - Red	122	Blue Square 25H	25.51	11.27
180	1237.68		2.50	Plug						
181	1240.18	84	5.00	23	Yellow/Red	D6 - Red	122	Blue Square 25L	25.87	4.60
182	1242.68		2.50	Plug						
183	1245.18	85	5.00	36	Purple	D6 - Red	120	Blue Square 25H	25.50	11.27
184	1247.68		2.50	Plug						
185	1250.18	86	5.00	24	Red	D6 - Red	119	Blue Square 25L	25.84	5.07
186	1252.68		2.50	Plug						
187	1255.18	87	5.00	36	Purple	D6 - Red	116	Blue Square 25H	25.47	11.27
188	1257.68		2.50	Plug						
189	1260.18	88	5.00	25	Red/White	D6 - Red	115	Blue Square 25L	25.81	5.47
190	1262.76		2.58	Plug						
191	1265.26	89	5.08	36	Purple	D6 - Red	112	Blue Square 25H	25.44	11.26
192	1267.76		2.50	Plug						
193	1270.26	90	5.00	26	White	D6 - Red	111	Blue Square 25L	25.78	5.94
194	1272.76		2.50	Plug						
195	1275.26	91	5.00	36	Purple	D6 - Red	107	Blue Square 25H	25.40	11.25
196	1277.76		2.50	Plug						
197	1280.26	92	5.00	27	White/Blue	D6 - Red	106	Blue Square 25L	25.75	6.37
198	1282.76		2.50	Plug						
199	1285.26	93	5.00	37	Purple/Black	D6 - Red	102	Blue Square 25H	25.34	12.01
200	1287.76		2.50	Plug						
201	1290.26	94	5.00	27	White/Blue	D6 - Red	100	Blue	25.72	6.36

Application No. 6-15730
Permit No.

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SAIFM OREGON

Parent Order#: 10072189
 Order No: 10072263
 Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
202	1292.76		2.50	Plug				Square 25L		
203	1295.26	95	5.00	37	Purple/Black	D6 - Red	95	Blue Square 25H	25.35	12.01
204	1297.76		2.50	Plug						
205	1300.26	96	5.00	28	Blue	D6 - Red	93	Blue Square 25L	25.70	6.93
206	1302.76		2.50	Plug						
207	1305.26	97	5.00	36	Purple	D6 - Red	88	Blue Square 25H	25.40	11.25
208	1306.70		1.44	Plug						
1307.32 Tower Number: 8 Span Length: 204.42										
209	1307.67		2.41	Plug						
210	1309.83	98	4.57	28	Blue	D6 - Red	89	Blue Square 25L	25.68	6.93
211	1312.33		2.50	Plug						
212	1314.83	99	5.00	37	Purple/Black	D6 - Red	90	Blue Square 25H	25.33	12.00
213	1317.33		2.50	Plug						
214	1319.83	100	5.00	29	Blue/Dk Brown	D6 - Red	94	Blue Square 25L	25.63	7.40
215	1322.33		2.50	Plug						
216	1324.83	101	5.00	37	Purple/Black	D6 - Red	95	Blue Square 25H	25.24	11.98
217	1327.33		2.50	Plug						
218	1329.83	102	5.00	30	Dark Brown	D6 - Red	98	Blue Square 25L	25.61	7.91
219	1332.33		2.50	Plug						
220	1333.75		3.92	Plug						
221	1335.08	103	5.25	38	Black	D6 - Red	100	Blue Square 25H	25.22	12.67
222	1337.25		2.17	Plug						
223	1339.75	104	4.67	31	Dk Brn/Orange	D6 - Red	103	Blue Square 25L	25.54	8.37
224	1342.25		2.50	Plug						
225	1344.75	105	5.00	37	Purple/Black	D6 - Red	105	Blue Square 25H	25.27	11.99
226	1347.25		2.50	Plug						
227	1349.75	106	5.00	31	Dk Brn/Orange	D6 - Red	108	Blue Square 25L	25.43	8.35
228	1352.25		2.50	Plug						
229	1354.75	107	5.00	38	Black	D6 - Red	110	Blue Square 25H	25.19	12.66
230	1357.25		2.50	Plug						
231	1359.75	108	5.00	32	Orange	D6 - Red	113	Blue Square 25L	25.34	8.96
232	1361.17		1.42	Plug						
233	1362.50		2.75	Plug						
234	1364.67	109	4.92	38	Black	D6 - Red	114	Blue Square 25H	25.18	12.65

Application No 6-15730
 Permit No.

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MAR 27 2002

WATER RESOURCES DEPT.
 SALEM, OREGON

Parent Order#: 10072189

Order No: 10072263

Customer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Cpl No	Dist From Pivot	Spk No	Dist Last Spk	Nozzle Size	Color	Wear Pad	Drop Length	Regulator	Spk PSI	Act GPM
235	1367.17		2.50	Plug						
236	1369.67	110	5.00	32	Orange	D6 - Red	118	Blue Square 25L	25.24	8.94
237	1372.17		2.50	Plug						
238	1374.67	111	5.00	38	Black	D6 - Red	119	Blue Square 25H	25.14	12.65
239	1377.17		2.50	Plug						
240	1379.67	112	5.00	40	Dk Turquoise	D6 - Red	122	Blue Square 25H	24.77	13.92
241	1382.17		2.50	Plug						
242	1384.67	113	5.00	40	Dk Turquoise	D6 - Red	124	Blue Square 25H	24.84	13.94
243	1387.17		2.50	Plug						
Sprinkler: Senninger Directional Spray										
244	1388.58	114	3.92	15	Dark Brown				55.77	11.70
1389.58 Overhang Span Length: 82.26										
Sprinkler: Komet SR101 Endgun										
245	1389.58	115	1.00	0.71					82.33	128.55

Endgun Arc Settings: Forward Angle: 45 Reverse Angle: 80

1127.57

Application No. 6-15730
Permit No.

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MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

Parent Order#: 10072189
Order No: 10072263
Customer: BINGAMON, ROSS
PO BOX 56
IMGLER, OR 97841

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Model:	8000	Pivot Pressure (PSI):	75
Machine Length:	1389.58	Gallorage (GPM):	1000
End Gun Radius:	109.74	GPM/Acre:	0
Total Acres:	162.13	App Rate (In/Day):	0.33

P E R C E N T A G E T I M E R D A T A		
Inches Per Revolution	Percent Timer Setting	Hours Per Revolution
=====		
0.10	100	7.4
0.20	50	14.8
0.30	33	22.4
0.40	25	29.6
0.50	20	37.0
0.59	17	43.5
0.71	14	52.9
0.83	12	61.7
0.91	11	67.3
1.00	10	74.0
1.25	8	92.5
1.43	7	105.7
1.67	6	123.3
2.00	5	148.0

Above data represents a Precision Corner Machine sprinkler package with a 56 RPM center drive gearbox (480 Volts, 60 Hertz) with 11.2 x 38 tires located at the last regular drive unit. The field shape is assumed to be square with the corner span irrigating all four corners.

Application No 6-15730
Permit No.

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

at Order#: 10072189

r No: 10072263

omer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Part Number	Description	Unit Price	Trade + Multi Disc (\$)	Volume Disc (\$)	COS Disc (\$)	Total Disc (\$)	Net Unit Price	Extended Net Price
0211059	NPL MS .75 NPT X 12.00GALVANIZED	2.76	0.97	0.10	0.02	1.08	1.68	1.68
0231001	GAE MS PRESSURE GAUGE 1-160 PSI	16.47	5.76	0.59	0.10	6.45	10.02	10.02
0231077	REG PR NELSON LO FLO 25PSI BLUE INTEGRA	6.63	3.31	0.18	0.03	3.53	3.10	192.20
0231099	REG PR NELSON HI FLO 25PSI BLUE INTEGRA	8.77	4.38	0.24	0.04	4.67	4.10	209.10
0241005	FIT ER GV 3/4X90 DEG	0.77	0.27	0.03	0.00	0.30	0.47	0.47
0241012	FIT ES GV 3/4X90 DEG	1.14	0.40	0.04	0.01	0.45	0.69	0.69
0244038	FIT PB GV 1"X 3/4" REDUCER	1.51	0.53	0.05	0.01	0.59	0.92	0.92
0246117	FIT MS U PIPE DROP 3/4"NPT 6.00" GALV.	4.08	2.04	0.11	0.02	2.17	1.91	215.83
0271077	HSE IT 3/4" NPT X 3/4" HOSE BARB PVC	0.40	0.14	0.01	0.00	0.16	0.24	54.24
0271080	HSE CL 1 1/16" HOSE CLAMP-CRIMP	0.16	0.06	0.01	0.00	0.06	0.10	11.30
0271084	HSE CL 1 1/4" S.S. HOSEDROP CLAMP	0.28	0.10	0.01	0.00	0.11	0.17	19.21
0272033	HSE WT 3/4" FLEX X 250 FT. ROLL	62.35	21.82	2.23	0.38	24.43	37.92	189.60
0430530	SPK PD D6 12 DEG ROTORPLATE (RED)	3.32	1.66	0.09	0.02	1.77	1.55	175.15
0430601	SPK MS NELSON BODY FOR R3000/S3000	1.43	0.71	0.04	0.01	0.76	0.67	75.71
0430602	SPK MS NELSON CAP/MOTORASSM FOR R3000	12.60	6.30	0.35	0.06	6.71	5.89	665.57
0430614	SPK NZ 3TN 14/128 LIME	1.12	0.56	0.03	0.01	0.60	0.52	3.12
0430616	SPK NZ 3TN 16/128 LAVENDER	1.12	0.56	0.03	0.01	0.60	0.52	1.04
0430617	SPK NZ 3TN 17/128 LAVENDER/GRAY	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430618	SPK NZ 3TN 18/128 GRAY	1.12	0.56	0.03	0.01	0.60	0.52	0.52
0430619	SPK NZ 3TN 19/128 GRAY/TURQUOISE	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430620	SPK NZ 3TN 20/128 TURQUOISE	1.12	0.56	0.03	0.01	0.60	0.52	0.52
0430621	SPK NZ 3TN 21/128 TURQUOISE/YELLOW	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430622	SPK NZ 3TN 22/128 YELLOW	1.12	0.56	0.03	0.01	0.60	0.52	1.04
0430623	SPK NZ 3TN 23/128 YELLOW/RED	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430624	SPK NZ 3TN 24/128 RED	1.12	0.56	0.03	0.01	0.60	0.52	1.04
0430625	SPK NZ 3TN 25/128 RED/WHITE	1.12	0.56	0.03	0.01	0.60	0.52	2.60
0430626	SPK NZ 3TN 26/128 WHITE	1.12	0.56	0.03	0.01	0.60	0.52	0.52
0430627	SPK NZ 3TN 27/128 WHITE/BLUE	1.12	0.56	0.03	0.01	0.60	0.52	2.08
0430628	SPK NZ 3TN 28/128 BLUE	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430629	SPK NZ 3TN 29/128 BLUE/DRAK BROWN	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430630	SPK NZ 3TN 30/128 DARK BROWN	1.12	0.56	0.03	0.01	0.60	0.52	3.12
0430631	SPK NZ 3TN 31/128 DARK BROWN/ORANGE	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430632	SPK NZ 3TN 32/128 ORANGE	1.12	0.56	0.03	0.01	0.60	0.52	3.12
0430633	SPK NZ 3TN 33/128 ORANGE/DARK GREEN	1.12	0.56	0.03	0.01	0.60	0.52	1.56
0430634	SPK NZ 3TN 34/128 DARK GREEN	1.12	0.56	0.03	0.01	0.60	0.52	5.20
0430635	SPK NZ 3TN 35/128 DARK GREEN/PURPLE	1.12	0.56	0.03	0.01	0.60	0.52	2.60
0430636	SPK NZ 3TN 36/128 PURPLE	1.12	0.56	0.03	0.01	0.60	0.52	4.16
0430637	SPK NZ 3TN 37/128 PURPLE/BLACK	1.12	0.56	0.03	0.01	0.60	0.52	3.64
0430638	SPK NZ 3TN 38/128 BLACK	1.12	0.56	0.03	0.01	0.60	0.52	5.20
0430640	SPK NZ 3TN 40/128 DARK TURQUOISE	1.12	0.56	0.03	0.01	0.60	0.52	3.12
0430642	SPK NZ 3TN 42/128 MUSTARD	1.12	0.56	0.03	0.01	0.60	0.52	3.64
0496150	SPK NZ SPRAY-NZ #15 ORF.234	3.83	1.92	0.11	0.02	2.04	1.79	1.79
0500680	SPK CP KOMET ENDGUN TWIN101 PLUS	813.96	406.98	22.38	3.85	433.21	380.75	380.75
0500691	SPK NZ KOMET .71"/18MM TAPERED NOZZLE	30.55	15.28	0.84	0.14	16.26	14.29	14.29
0994385	2 LB. HOSE DROP WEIGHT -POLYETHYLENE	3.21	1.12	0.11	0.02	1.26	1.95	220.35

Permit No. 6-15730

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

ent Order#: 10072189
er No: 10072263
tomer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Part Number	Description	Unit Price	Trade + Multi Disc (\$)	Volume Disc (\$)	COS Disc (\$)	Total Disc (\$)	Net Unit Price	Extended Net Price
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otal Extended List Price:
otal Extended Net Price:

\$5,092.07
\$2,497.63

Application No. 6-15730
Permit No.

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

ent Order#: 10072189

ar No: 10072263

comer: BINGAMON, ROSS

Dealer: 00913004/PGG/GRANDE RONDE PUMP&IRR

Part Number	Description
1 0211059	NPL MS .75 NPT X 12.00GALVANIZED
1 0231001	GAE MS PRESSURE GAUGE 1-160 PSI
2 0231077	REG PR NELSON LO FLO 25PSI BLUE INTEGRA
1 0231099	REG PR NELSON HI FLO 25PSI BLUE INTEGRA
1 0241005	FIT ER GV 3/4X90 DEG
1 0241012	FIT ES GV 3/4X90 DEG
1 0244038	FIT FB GV 1"X 3/4" REDUCER
3 0246117	FIT MS U PIPE DROP 3/4"NPT 6.00" GALV.
5 0271077	HSE IT 3/4" NPT X 3/4" HOSE BARB PVC
3 0271080	HSE CL 1 1/16" HOSE CLAMP-CRIMP
3 0271084	HSE CL 1 1/4" S.S. HOSEDROP CLAMP
5 0272033	HSE WT 3/4" FLEX X 250 FT. ROLL
3 0430530	SPK PD D6 12 DEG ROTORPLATE (RED)
3 0430601	SPK MS NELSON BODY FOR R3000/S3000
3 0430602	SPK MS NELSON CAP/MOTORASSM FOR R3000
5 0430614	SPK NZ 3TN 14/128 LIME
2 0430616	SPK NZ 3TN 16/128 LAVENDER
1 0430617	SPK NZ 3TN 17/128 LAVENDER/GRAY
1 0430618	SPK NZ 3TN 18/128 GRAY
1 0430619	SPK NZ 3TN 19/128 GRAY/TURQUOISE
1 0430620	SPK NZ 3TN 20/128 TURQUOISE
3 0430621	SPK NZ 3TN 21/128 TURQUOISE/YELLOW
2 0430622	SPK NZ 3TN 22/128 YELLOW
1 0430623	SPK NZ 3TN 23/128 YELLOW/RED
2 0430624	SPK NZ 3TN 24/128 RED
5 0430625	SPK NZ 3TN 25/128 RED/WHITE
1 0430626	SPK NZ 3TN 26/128 WHITE
1 0430627	SPK NZ 3TN 27/128 WHITE/BLUE
3 0430628	SPK NZ 3TN 28/128 BLUE
3 0430629	SPK NZ 3TN 29/128 BLUE/DRAK BROWN
3 0430630	SPK NZ 3TN 30/128 DARK BROWN
3 0430631	SPK NZ 3TN 31/128 DARK BROWN/ORANGE
3 0430632	SPK NZ 3TN 32/128 ORANGE
3 0430633	SPK NZ 3TN 33/128 ORANGE/DARK GREEN
3 0430634	SPK NZ 3TN 34/128 DARK GREEN
3 0430635	SPK NZ 3TN 35/128 DARK GREEN/PURPLE
3 0430636	SPK NZ 3TN 36/128 PURPLE
3 0430637	SPK NZ 3TN 37/128 PURPLE/BLACK
3 0430638	SPK NZ 3TN 38/128 BLACK
3 0430640	SPK NZ 3TN 40/128 DARK TURQUOISE
3 0430642	SPK NZ 3TN 42/128 MUSTARD
3 0496150	SPK NZ SPRAY-NZ #15 ORP.234
3 0500680	SPK CP KOMET ENDGUN TWIN101 PLUS
3 0500691	SPK NZ KOMET .71"/18MM TAPERED NOZZLE
3 0994385	2 LB. HOSE DROP WEIGHT -POLYETHYLENE

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

WILLIAMSON Bethanie R

G-15730

6/15

From: SAUTER Jerry K
Sent: Monday, July 20, 2015 8:27 AM
To: gtblackman@yahoo.com
Cc: WILLIAMSON Bethanie R
Subject: RE: G-15582, G-15278, 15376

Greg,
No problem, we can do that!
JK

J.K. (Jerry) Sauter | Water Rights Program Analyst
Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301
Ph. 503.986.0817 | Fax 503.986.0901
Information Requests may be made to : customerservice@wrd.state.or.us

From: gtblackman@yahoo.com [<mailto:gtblackman@yahoo.com>]
Sent: Thursday, July 16, 2015 5:15 PM
To: jerry.k.sauter@state.or.us
Subject: G-15582, G-15278, 15376

Good afternoon Jerry. I'm in the process of doing the COBU's of the three permits above. I think that I sent you a note on two of the permits to put in the file, but I think that the one for Wade Bingaman fell through the cracks. I had a computer crash that lost some of my e-mails, so I am letting you know that these 3 permits are in my pipe line to complete. Would you please put a note in each of the files. Thank you. Hope things are going well for you. It has been a very hot summer. Greg Blackman, CWRE

WILLIAMSON Bethanie R

G-15730

6/15

From: SAUTER Jerry K
Sent: Wednesday, June 24, 2015 11:03 AM
To: Greg Blackman
Cc: WILLIAMSON Bethanie R
Subject: RE: G-15278 AND G-15376

Hi Greg,
That is fine, that's for letting us know.
JK

J.K. (Jerry) Sauter | Water Rights Program Analyst
Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301
Ph. 503.986.0817 | Fax 503.986.0901
Information Requests may be made to : customerservice@wrd.state.or.us

From: Greg Blackman [<mailto:greg@bgbsurveyors.com>]
Sent: Wednesday, June 24, 2015 10:39 AM
To: SAUTER Jerry K
Subject: G-15278 AND G-15376

Good morning Jerry. Ross Bingaman contacted me Monday concerning the Claim Of Beneficial Use for the above rights. I am behind the gun in my work, however he wants me to complete these two COBU report as soon as possible. Would you please place a note in the applicable files stating that these will be completed as soon as I can get to them. I would estimate that I will have them completed by Mid September. Thank you Jerry. Greg Blackman, CWRE



This email has been checked for viruses by Avast antivirus software.
www.avast.com

SENDER: COMPLETE THIS SECTION

- 1 Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- 2 Print your name and address on the reverse so that we can return the card to you.
- 3 Attach this card to the back of the mailpiece, or on the front if space permits.

Article Addressed to:

G-15730
ROSS A. BINGAMAN
POBOX56
IMBLER, OR 97841

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

Carrie Bingham

☐ Agent

☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from Item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

RECEIVED
JUN 19 2015

OWR

3. Service Type

☐ Certified Mail

☐ Express Mail

☐ Registered

☐ Return Receipt for Merchandise

☐ Insured Mail

☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

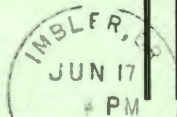
☐ Yes

Article Number

(Transfer from service label)

7014 1200 0000 8251 3860

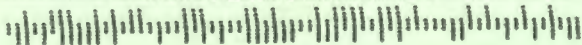
UNITED STATES POSTAL SERVICE



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

- Sender: Please print your name, address, and ZIP+4 in this box •

Oregon Water Resources Department
Attention: Kate Fitzgerald
725 Summer St. NE, Suite A
Salem, OR 97301





Oregon

Kate Brown, Governor

Water Resources Department

North Mall Office Building

725 Summer St NE, Suite A

Salem, OR 97301

Phone (503) 986-0900

Fax (503) 986-0904

www.wrd.state.or.us

NOTE: For water rights information and useful forms, please see our web site at
www.oregon.gov/OWRD

June 15, 2015

Certified mail number 7014 1200 0000 8251 3860

Return receipt requested

ROSS A. BINGAMAN
PO BOX 56
IMBLER, OR 97841

Reference: Application G-15730, Permit G-15376

Dear Permit Holder:

This letter is in regard to your water use permit as referenced above. Your permit required you to complete the development of your water use by October 1, 2007.

In order for the Department to consider issuance of a certificate of water right, you are required by law to hire a certified water right examiner to prepare and submit a claim of beneficial use that includes a final proof survey map of the development. The map and claim of beneficial use were to have been submitted to our Department within one year of October 1, 2007. The fee for submitting a claim of beneficial use is \$175.00. Please see the enclosed 'Resource Sheet' for our current database of CWRE's.

If you are not finished with the development of your permit, you need to file an application for an extension of time to complete your development. The fee for filing an extension of time is \$575.00. Please see the enclosed 'Resource Sheet' to access the extension of time form.

In the event that you are no longer using water as allowed by this permit, you should cancel it so that we may clear our records. Please see the enclosed 'Resource Sheet' to access the cancellation form, if you are interested in this option.

If you have not submitted either a Claim of Beneficial Use or a request for an extension of time for your permit within 60 days of the date of this letter (August 14, 2015) the Department may issue a Final Order to cancel your permit without further notice. If the Department issues a Final Order to cancel your permit, and you request reconsideration of the final order and reinstatement of your permit, there is a \$450.00 reinstatement fee that is charged in addition to the claim of beneficial use or extension of time fee.

Should you have any questions, please contact Corey Courchane by telephone at 503-986-0825, Machele Bamberger by telephone at 503-986-0802, or myself at the address above or by telephone at 503-986-0817.

Sincerely,

Jerry Sauter
Water Rights Program Analyst

Enclosures (1)

cc: File G-15730
OWRD Watermaster District 6
Northwest Farm Credit Services, FLCA



PERMIT STATUS REVIEW BY M. Bamberg DATE 6-8-15 FILE # G-15730

1. Per Dwight French, **do not** send "C" DATE NOTICE PACKET if :

update appropriate db

None Extension pending _____

Assignment is pending _____

Cancellation has been requested _____

Dept. has already sent a **certified** 60-Day Compliance letter (date _____, # _____)

Was **60 days notice** allowed? Y N If No, How Much Time ? _____

Was mail deliverable as addressed? Y N date _____

If mail returned, online/www check ? Y N date _____ successful ? Y N

Re-send Cert. Letter ? Y N date _____

Send cancellation order Y N

Claim of beneficial use and final proof map (COBU) have been received by Department

Date information received _____

2. IF **NONE** OF THE ABOVE APPLY

Send **certified** "C" date notice packet to permit holder.

"C" DATE 10-1-2007 BASIN NUMBER 8 WM # 4

CWRE or AGENT Gregory T. Blackman

3. AOI Yes _____ NO X If Yes, name of AOI None

Bingaman
PO Box 56
Timber, OR
77441
2 of 2
Send letter
MAB

file

RECEIVED BY CWRD

DEC 14 2012

SALEM, OR



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

Request for Assignment

If for multiple rights, a separate form and fee for each right will be required.

I, Ross A. Bingaman

(Name of Applicant / Permit / Transfer Holder / License Holder/GR Certificate of Registration)

PO Box 137

Imbler OR 97841

541-534-5014

(Mailing Address)

(City) (State) (Zip)

(Phone #)

- ☒ hereby assign all my interest in and to application/permit/transfer/license/GR Certificate of Registration;
- ☐ hereby assign all my interest in and to a portion of application/permit/transfer/license/GR Certificate of Registration; (You must include a map showing the portion of the application/permit/transfer/license/GR Certificate of Registration to be assigned.)
- ☐ hereby assign a portion of my interest in and to the entire application/permit/transfer/license/GR Certificate of Registration:

Application # G-15730 ; Permit # G-15376 ; Transfer # _____

-OR-

License # _____ ; GR Statement # _____ ; GR Certificate of Registration # _____

As filed in the office of the Water Resources Director, to:

Northwest Farm Credit Services, FLCA & Ross A. & Carrie Jo Bingaman & Aaron Wade & Angela Marie Bingaman
(Name of New Owner)

PO Box 2515

Spokane WA 99205

509-340-5684

(Mailing Address)

(City) (State) (Zip)

(Phone #)

Note: If there are other owners of the property described in the Application, Permit, Transfer, License, or GR Certificate of Registration, you must provide a list of all other owners' names and mailing addresses and attach it to this form.

I hereby certify that I have notified all other owners of the property described in this Application, Permit, Transfer, License, or GR Certificate of Registration of this Request for Assignment

Witness my hand this 26th day of November, 2012.

Applicant/Permit Holder Ross A. Bingaman Carrie Jo Bingaman

Applicant/Permit Holder Aaron Wade Bingaman Angela Marie Bingaman

DO NOT WRITE IN THIS BOX

This certifies assignment and record change at Oregon Water Resources Department effective 1:00 a.m. on date of receipt at Salem, Oregon. Fee receipt # 6750
For Director by Jerry Sauter, Program Analyst in Water Rights Division

The completed "Request for Assignment" form must be submitted to the Department along with the recording fee of \$75.

ASSIGNED
12/14/2012



Oregon

John A. Kitzhaber, MD, Governor

Water Resources Department

North Mall Office Building
725 Summer St. NE, Suite A
Salem, OR 97301
Phone 503-986-0900
FAX 503-986-0904
www.wrd.state.or.us

December 17, 2012

Northwest Farm Credit Services, FLCA
P.O. Box 2515
Spokane, Washington 99205

Reference: Application G-15730, Permit G-15376

The assignment from Ross A. Bingaman to Northwest Farm Credit Services, FLCA and Ross A. and Carrie Jo Bingaman, and Aaron Wade and Angela Marie Bingaman has been recorded in the records of the Water Resources Department.

The Departments records will now show Northwest Farm Credit Services, FLCA and Ross A. and Carrie Jo Bingaman, and Aaron Wade and Angela Marie Bingaman as the permit holders of record.

Our records have been changed accordingly and the original request is enclosed. Receipt number 107580 covering the recording fee is also enclosed.

Please review the permit to be familiar with the conditions and timelines contained in the permit. These conditions and timelines will have to be met before a Certificate of Water Right can be issued.

Sincerely,

Jerry Sauter
Water Rights Program Analyst
Water Right Services Division

Enclosure: Receipt 107580

cc: Watermaster 6

Ross A. and Carrie Jo Bingaman, and Aaron Wade and Angela Marie Bingaman
Data Center, OWRD (cover letter & request)
Hydrographics

File



2005

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

USER-ID 28033

2006



app 613398 (permit 613119) app 615730 (per. 615376)

Facility # POD-ID	Well # 1 (Straw) (913119) 38298 ✓	Well # 2 (Hull) (915376) 61488 ✓			
October - 2005	35 AF	12 AF			
November - 2005					
December - 2005					
January - 2006					
February - 2006					
March - 2006					
April - 2006					
May - 2006	80 AF	55 AF			
June - 2006	75 AF	60 AF			
July - 2006	55 AF	47 AF			
August - 2006	47 AF	50 AF			
September - 2006	32 AF	20 AF			
TOTAL *	324 AF	244 AF			

* 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: Flow meter If use is irrigation, total number acres irrigated 513

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

Ross Bingaman
Signature

owner
Title

owner
Reporting Entity

4-5-07
Date

Ross Bingaman
Name - Please Print

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

COPY

RECEIVED

APR 01 2007

WATER RESOURCES DEPT

2006

app 9-13328 and 9-15730

Oregon Water Resources Department
October 2006 through September 2007
Monthly Water Use Form

USER-ID _____

2007

Facility → Report ID →	Striker Well Well #1 ✓ 38298	Hull Ln. Well Well #2 ✓ 61488			User ID 28033
October - 2006	36 AF	38 AF			
November - 2006	0	0			
December - 2006	0	0			
January - 2007	0	0			
February - 2007	0	0			
March - 2007	0	0			
April - 2007	0	0			
May - 2007	80 AF	80 AF			
June - 2007	75 AF	70 AF			
July - 2007	52 AF	55 AF			
August - 2007	50 AF	45 AF			
September - 2007	65 AF	25 AF			
TOTAL *	358 AF	313 AF			

* 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: _____ If used for irrigation, total number of acres irrigated: _____

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

Ross Bingaman
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.

TO: Water Rights Section

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

SUBJECT: Application G- 15730

April 12, 2002

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
- a. _____ will, or _____ have the potential for substantial interference with the nearest
 - b. _____ will not _____ surface water source, namely _____; or
 - c. ☒ will if properly conditioned, adequately protect the surface water from interference:
 - i. ☒ The permit should contain condition #(s) 7B, 7J;
 - ii. _____ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. _____ The permit should be conditioned as indicated in item 4 below; or
 - d. _____ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
- a. _____ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. _____ will not _____ and/or within the capacity of the resource; or
 - c. ☒ will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ☒ The permit should contain condition #(s) 7E;
 - ii. _____ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. _____ The permit should be conditioned as indicated in item 4 below; or
4. a. _____ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
- b. _____ The permit should allow groundwater production from no shallower than _____ ft. below land surface;
- c. _____ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. _____ Well reconstruction is necessary to accomplish one or more of the above conditions.
- e. _____ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

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

5. THE WELL which is the point of appropriation for this application does not meet current well construction standards based upon:

- a. ☐ review of the well log;
- b. ☐ field inspection by _____;
- c. ☐ report of CWRE _____;
- d. ☐ other: (specify) _____

6. THE WELL construction deficiency:

- a. ☐ constitutes a health threat under Division 200 rules;
- b. ☐ commingles water from more than one groundwater reservoir;
- c. ☐ permits the loss of artesian head;
- d. ☐ permits the de-watering of one or more groundwater reservoirs;
- e. ☐ other: (specify) _____

7. THE WELL construction deficiency is described as follows: _____

8. THE WELL
- a. ☐ was, or constructed according to the standards in effect at the time of
 - b. ☐ was not original construction or most recent modification.
 - c. ☐ I don't know if it met standards at the time of construction.

RECOMMENDATION:

A. ☐ I recommend including the following condition in the permit:

"No water may be appropriated under terms of this permit until the well(s) has been repaired to conform to current well construction standards and proof of such repair is filed with the Enforcement Section of the Water Resources Department."

B. ☐ I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Enforcement Section of the Water Resources Department.

C. ☐ REFER this review to Enforcement Section for concurrence.

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

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

_____, 199____
(Signature)

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

_____, 199____
(Signature)

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: Ground Water Files

Date: April 12, 2001

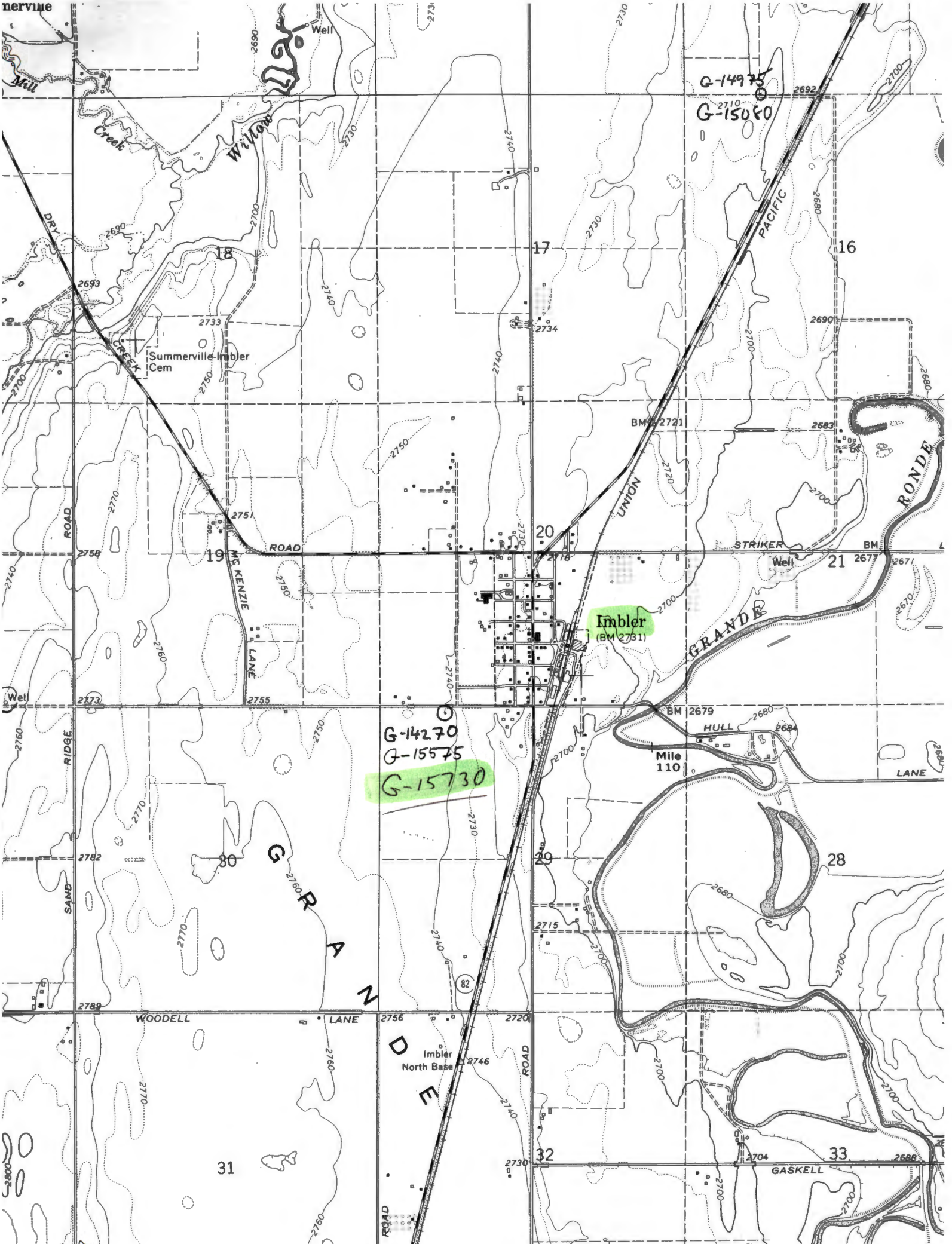
From: Michael J. Zwart

Subject: Application Review: G-15730, Ross A. Bingaman

This application (see also G-14270 & G-15575) proposes to use about 2.27 cfs from one well for primary irrigation of 182.2 acres. The well (UNIO 50833) is 1924 feet deep and produces water from a confined aquifer developed in basalt rocks of the Columbia River Basalt Group. The well is flowing artesian with a shut-in pressure of 16 psi.

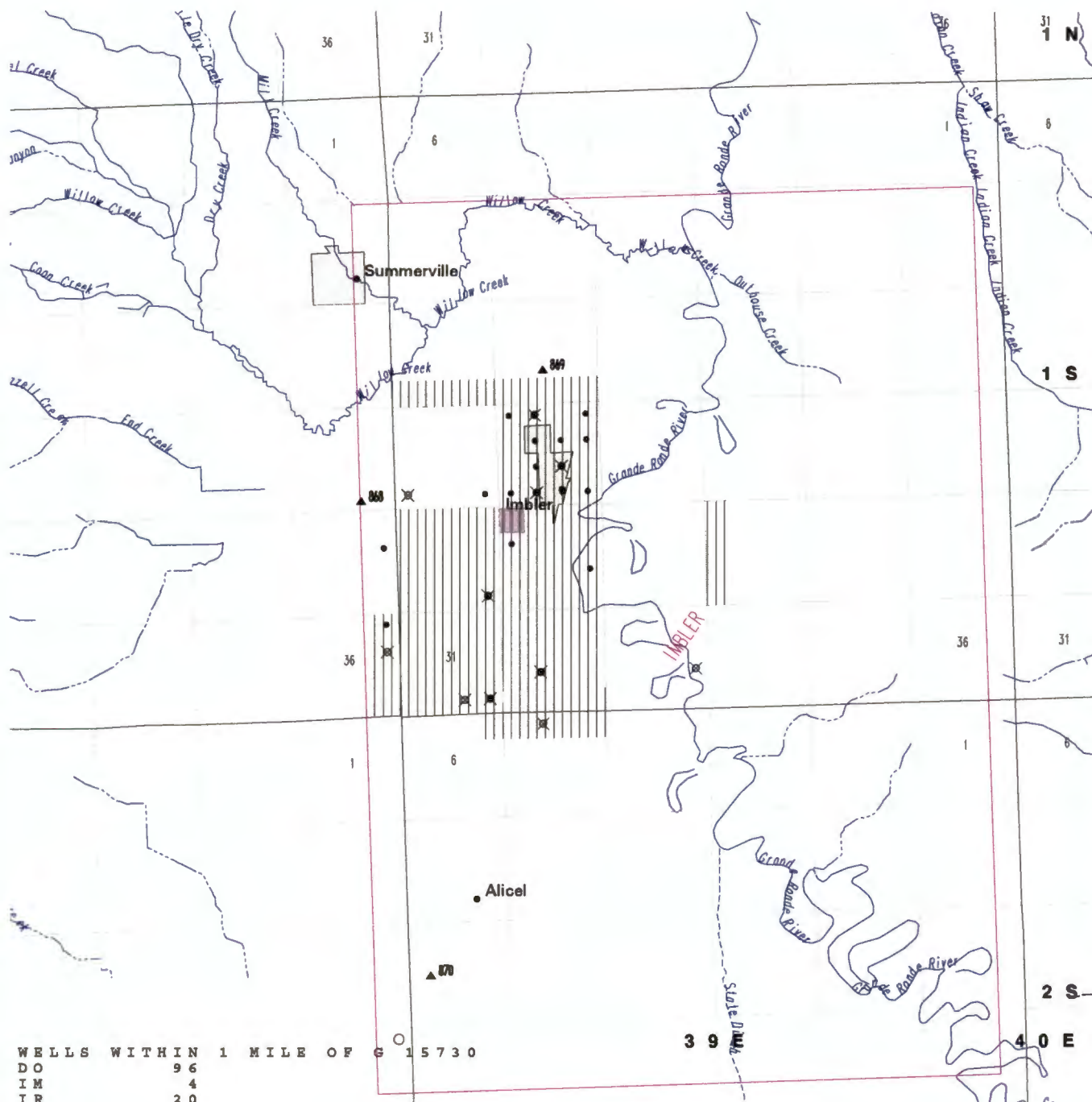
The well is about 3000 feet from the Grande Ronde River. The aquifer penetrated is not likely in hydraulic connection with the nearby reach of the river. There is no potential for substantial interference with surface water, based on the confined aquifer penetrated and the distance to it.

I recommend permit conditions 7B, 7E and 7J.



Wells in the vicinity of application G 15730

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



PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 15730

\$RECNO	APPLICATION	PERMIT	LOC-QQ	USE	RATE	DIV-UNITS
1	G	2672	G 2508	1.00S39.00E20NENW IR	0.8500	C
2	G	6191	G 5232	1.00S39.00E20NWSE IR	0.0650	C
3	G	11773	G 10825	1.00S39.00E20SESW MU	2500.0000	G
4	G	8024	G 7427	1.00S39.00E19SWSW IS	2.8600	C
5	G	11242	G 10365	1.00S39.00E30SESE IR	1.9400	C
6	G	13407	G 12382	1.00S39.00E33NESE IC	9.2800	C
7	G	12572	G 12359	1.00S39.00E32NESW IR	0.3100	C
7	G	12572	G 12359	1.00S39.00E32NESW IR	1.4500	C
7	G	12572	G 12359	1.00S39.00E32NESW IS	3.3000	C
8	G	6345	G 5948	1.00S39.00E31SESE IR	1.9800	C
9	G	8175	G 7626	1.00S39.00E31SWSE IR	2.9800	C
10	G	3187	G 2993	1.00S38.00E36SENE IR	3.8400	C
11	G	6494	G 6111	2.00S39.00E 5NENW IR	0.6200	C

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 15730

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	13397	G 12420	2.00S38.00E24NENE 7BG
1	G	13397	G 12420	2.00S38.00E24NENE 7BR
1	G	13397	G 12420	2.00S38.00E24NENE 7JG
1	G	13397	G 12420	2.00S38.00E24NENE 7JR

APPLICATION G 15730 FALLS WITHIN THESE QUAD(S)

IMBLER

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-15730

ROUTED TO: Water Rights - Cory

TOWNSHIP/

RANGE-SECTION: 15/39E-2966

CONDITIONS ATTACHED? ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart

**Water Right Conditions
Tracking Slip**

Groundwater/Hydrology Section

FILE ## G-15730

ROUTED TO: Water Rights - Cory
TOWNSHIP/

RANGE-SECTION: 15/39E-2966

CONDITIONS ATTACHED? ☒ Yes ☐ No

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Michael Zwart

STATE OF OREGON

COUNTY OF UNION

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ROSS A BINGAMAN

PO BOX 56

IMBLER, OREGON 97841-0056

(541) 534-2745

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

APPLICATION FILE NUMBER: G-15730

SOURCE OF WATER: A WELL IN GRANDE RONDE RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 182.2 ACRES

MAXIMUM RATE: 2.27 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 27, 2002

WELL LOCATION: NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 29, T1S, R39E, W.M.; 85 FEET SOUTH & 710 FEET EAST FROM THE NW CORNER OF SECTION 29

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

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 37.1 ACRES
SECTION 20

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 35.1 ACRES

NW $\frac{1}{4}$ NW $\frac{1}{4}$ 39.1 ACRES

SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES

SE $\frac{1}{4}$ NW $\frac{1}{4}$ 30.3 ACRES

SECTION 29

TOWNSHIP 1 SOUTH, RANGE 39 EAST, W.M.

Measurement, recording and reporting conditions:

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

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in

a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

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

Complete application of the water to the use shall be made on or before October 1, 2007. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued April 3, 2003


Paul R. Cleary, Director
Water Resources Department

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.



Mailing List for Permit Copies

Application # G-15730

Mailing List Print Date: March 18, 2003

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

Applicant: ROSS A BINGAMAN, PO BOX 56, IMBLER, OREGON
97841-0056

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

1. WRD - File # G-15730
2. WRD - Ken Stahr
3. WRD - Data Center
4. WRD - Watermaster District #: 6 (w/copy of permit map)
5. WRD - Regional Manager: ER (w/copy of permit map)

Copies Mailed	
By: <u>[Signature]</u>	(SUPPORT STAFF)
on: <u>4/2/03</u>	(DATE)

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

6. CWRE: Gregory Blackman
7. Copy to file G-14270

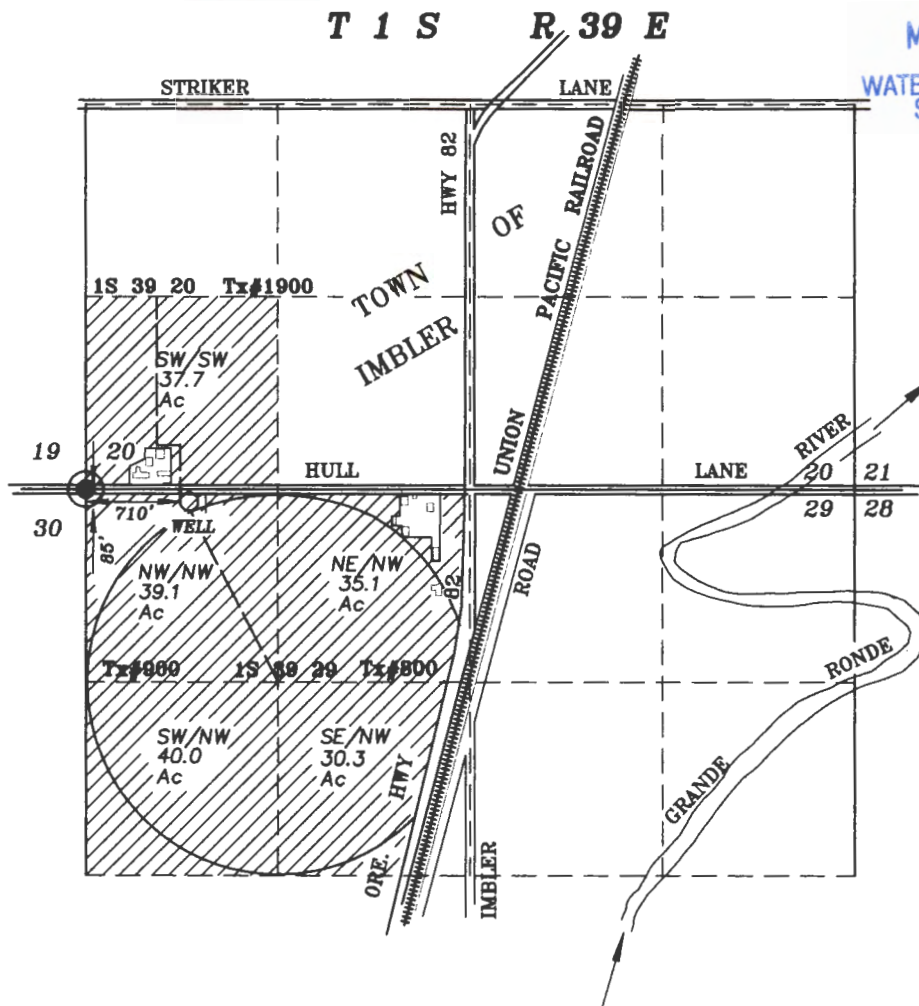
CASEWORKER: CCE

Application No. 6-15730
Permit No. 6-15376

RECEIVED

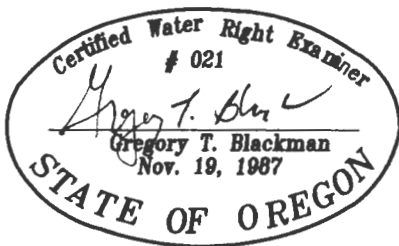
MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON



Lands requesting primary irrigation
from new well.

----- Mainline



NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

Application map of
Water Rights
for
Ross A. Bingaman

BY
BAGETT - GRIFFITH & BLACKMAN
2006 ADAMS AVENUE
LAGRANDE, OREGON 97850

March 25, 2002

APPLICATION NO. _____

PERMIT NUMBER _____

~~\$3.95 -~~
~~60 min - free~~
~~72 min.~~

Atten Roger Wright
App. G-15730

Oregon Water Resources Dept.
Commerce Building
158 12th Street NE
Salem, Or 97301-4172

RECEIVED

JAN 16 2003

WATER RESOURCES DEPT.
SALEM, OREGON

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-15730

Final Order

Application History

On MARCH 27, 2002, ROSS A BINGAMAN submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on October 29, 2002. The protest period closed December 13, 2002, and no protest was filed. During processing of the application, it was found that there is an existing permit for irrigation of the same lands, Permit G-13123.

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

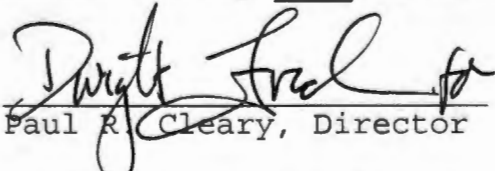
Order

Upon payment of outstanding permit recording fees and submittal of written authorization to cancel Permit G-13123, Application G-15730 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of \$ 100.00. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees and submit authorization to cancel Permit G-13123 within 60 days from the date of this Final Order may result in the proposed rejection of Application G-15730.

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

DATED January 16, 2003


Paul R. Cleary, Director

This is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review of this order must be filed within the 60 day time period specified by ORS 183.484(2).

This statement of judicial review rights does not create a right to judicial review of this order, if judicial review is otherwise precluded by law. Where no changes have been made to a Proposed Final Order on a water right application and no protests have been filed during the protest period, the final order is not subject to judicial review.

This document was prepared by Cory Engel. If you have any questions about any of the statements contained in this document I am the most likely the best person to answer your questions. You can reach me at 1-503-378-8455 extension 324.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Renee Moulun. Her extension number is 239.

If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 201. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 158 12th ST. NE Salem, OR 97301-4172, Fax: (503)378-2496

STATE OF OREGON

COUNTY OF UNION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

ROSS A BINGAMAN

PO BOX 56

IMBLER, OREGON 97841-0056

(541) 534-2745

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

APPLICATION FILE NUMBER: G-15730

SOURCE OF WATER: A WELL IN GRANDE RONDE RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 182.2 ACRES

MAXIMUM RATE: 2.27 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 27, 2002

WELL LOCATION: NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 29, T1S, R39E, W.M.; 85 FEET SOUTH & 710 FEET EAST FROM THE NW CORNER OF SECTION 29

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

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 37.7 ACRES
SECTION 20

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 35.1 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$ 39.1 ACRES
SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
SE $\frac{1}{4}$ NW $\frac{1}{4}$ 30.3 ACRES
SECTION 29

TOWNSHIP 1 SOUTH, RANGE 39 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The

permittee shall maintain the meter or measuring device in good working order, shall keep a complete record of the amount of water used each month and shall submit a report which includes the recorded water use measurements to the Department annually or more frequently as may be required by the Director. Further, the Director may require the permittee to report general water use information, including the place and nature of use of water under the permit.

- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

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

Complete application of the water to the use shall be made on or before October 1, 2007. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which

includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued _____, 2003

~~DRAFT - THIS IS NOT A PERMIT~~

Paul R. Cleary, Director
Water Resources Department

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

Mailing List for FO Copies

Application # G-15730

Mailing List Print Date: 12/30/02

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

Applicant: ROSS A BINGAMAN, PO BOX 56, IMBLER, OREGON
97841-0056

For FO w/Draft Permit - Copies sent to:

1. WRD - File # G-15730
2. WRD - Ken Stahr

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

3. WRD - Watermaster District #: 6
4. WRD - Regional Manager: ER
5. Oregon State Parks

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

6. CWRE: Gregory Blackman
7. Copy to file G-14270 (in Sauter's cube as of 12/30/02)

CASEWORKER: CCE

Copies Mailed	
By: <u> </u>	(SUPPORT STAFF)
on: <u>1/20/03</u>	(DATE)



PRIORITY
MAIL

UNITED STATES POSTAL SERVICE ®

www.usps.com

From:

Ross Bingaman

P.O. Box 56

Imbler, Or 97841

Atten: Roger Wright

TO:

Oregon Water Resources Dept.

Commerce Building

158 12th Street NE

Salem, Or 97301-4172

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **57854**

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

INVOICE # _____

RECEIVED FROM: Ross Bingham
BY: _____

APPLICATION	G/5730
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 2462 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 100.00

0417 WRD MISC CASH ACCT

ADJUDICATIONS

\$

PUBLICATIONS / MAPS

\$

OTHER: (IDENTIFY) _____

\$

OTHER: (IDENTIFY) _____

\$

REDUCTION OF EXPENSE

CASH ACCT.

\$

PCA AND OBJECT CLASS

VOUCHER #

0427 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES

\$

0410 RESEARCH FEES

\$

0408 MISC REVENUE: (IDENTIFY) _____

\$

(ew) TC162 DEPOSIT LIAB. (IDENTIFY) _____

\$

WATER RIGHTS:

0201 SURFACE WATER

EXAM FEE

\$

0202

RECORD FEE

\$

0203 GROUND WATER

\$

0204

\$ 100.00

0205 TRANSFER

\$

0206

\$

WELL CONSTRUCTION

EXAM FEE

0218 WELL DRILL CONSTRUCTOR

\$

0219

LICENSE FEE

\$

LANDOWNER'S PERMIT

0220

\$

OTHER (IDENTIFY) _____

0437 WELL CONST. START FEE

0211 WELL CONST START FEE

\$

CARD #

0210 MONITORING WELLS

\$

CARD #

OTHER (IDENTIFY) _____

0539 LOTTERY PROCEEDS

1302 LOTTERY PROCEEDS

\$

0467 HYDRO ACTIVITY

LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)

\$

0231 HYDRO LICENSE FEE (FW/WRD)

\$

HRDRO APPLICATION

\$

RECEIPT # **57854**

DATED: 1/16/03 BY: Connie Vance

FO CHECKLIST

FILE # G-15730
PFO WEEK # 379
FO WEEK # 362

REVIEW DATE: December 30, 2002
INITIALS: CE

Y / ☒ N Has applicant name and/or address changed; or has the file been assigned?

If new: _____

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

1. Y / ☒ N Were comments received? If so, **from whom** and **when**? _____
Respond to significant comments, issues, or disputes related to the proposed use of water (see notes, if any, listed above)

2. ☒ On the PFO CC list, verify names and mailing addresses of **ALL** commentors (regardless of comment date, **affected landowners**, and **those who paid the \$10 fee**.

3. Y / N / ☒ NA Have affected land owners been notified? If not, refer to #8.

4. Y / ☒ N / NA Has ODFW asked for self certification of screening condition? If yes, include fish screening form.

5. ☒ Correct PFO errors (such as POD or POU location (verify from map)

6. ☒ Are requested GW conditions included in permit? If no, add condition(s): _____

7. ☒ Verify Payment of recording fees (*circle the appropriate option*)

(1) Issue FO w/permit if fees are paid — Prepare refund request for excess fees, **including standing fees if no protest is filed and no modifications are being made to the PFO.**

(2) Issue FO w/o permit if fees are lacking.

1st CFS/AF 150
Addnl. 2775 150
TOTAL Q 300

Base Fee Paid	<u>250</u>
Q fee	<u>300</u>
Subtotal	<u>550</u>
Recording Fee	<u>175</u>
Total	<u>725</u>
Amount Paid	<u>625</u>
Amount due/refund	<u>100</u>

*NEED TO REQUEST \$100
AND TRANSFER \$75 FROM EXAM TO RECORD*

8. ☒ Y / N Is further processing possible? If not state reason: _____

FO Type: (circle types) DENIAL

FO w/o PERMIT (REASON: ☒ Lacks Fees Lacks Easement Lacks Approved Dam Plans and Specifications)

FO & PERMIT (Permit # — *Also NEED CANCEL AUTHO FOR APP 6-14270, P-613123 PER SALTER*)

Once FO document is completed:

9. ☒ Save WordPerfect document in S:\GROUPS\WR\FO\WEEK 362.

10. ☒ Print final draft of document and submit for peer review. Peer Reviewer: CASNEY

11. Complete routing list

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above.

The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production

PFO CHECKLIST
Application #: G-15730

- ✓ 1. Was additional information requested in the IR? Y/N If so, do we now have enough info to do the PFO? Y/N
- ✓ 2. Groundwater Review A B C D River/Stream Name _____ Conditions 7B, 7E, 7J
 ___a. Groundwater Availability A B C
 ___b. Is second groundwater review necessary? (comments) Y/N
 ___c. Is HB 1033 review complete? Y/N
 ___d. Is the well located in a GWLA or CA? (If applicable, include map with POD) Y/N _____
- ✓ 3. Is use from a B.O.R. or Douglas County project? Y/N Contract in file? Y/N Contract # _____
- ✓ 4. Is the use allowed by the Basin Program? Y/N Limited? Y/N 690-508-020(16)
- ✓ 5. Is surface water available? Y/N (50% before 7/17/1992 & storage; 80% live flow after) _____
- ✓ 6. Is the source withdrawn or limited by statute or Department withdrawal order? Y/N _____
- ✓ 7. Is the Proposed Use located in or above a Scenic Waterway? Y/N 7J
- ✓ 8. Division 33: Above Bonn (after July 17, 1992) Y/N/NA
 Below Bonn (after April 8, 1994; June 3, 1994) Y/N/NA
 Statewide - (in shaded areas on T, E, and S Map - after June 3, 1994) Y/N/NA
- ✓ 9. Rate 1/80 Duty 3 Irrigation Season 3/1-10/31
- ✓ 10. Period of Use: Requested: 3/1-10/31 Allowed: SAME
- ✓ 11. Rate of Use: Requested: 2.27 cfs Allowed: SAME
- ✓ 12. Is the use **Small** (≤ 0.1 cfs, ≤ 9.2 AF), **Medium** (> 0.1 or < 1.5 cfs, > 9.2 or < 100 AF) or **Large** (≥ 1.5 cfs, ≥ 100 AF)?
 If the use is Municipal use **Large** condition.
- ✓ 13. Is the proposed use within the New River Basin? Y/N If yes, include New River Agreement Conditions.
- ✓ 14. IR Date: 7/12/02 Public Notice Date 7/30/02 Comments Received? Y/N
- ✓ 15. Was the application filed before October 23, 1999? Y/N (If so, add A date requirement.)
- ✓ 16. Are there conflicting rights? Y/N/NA NO TO CANCELLATION.
- ✓ 17. Copy to: CNRE: BUSHMAN

Name: Cory Engel Date: October 21, 2002

C:\WINDOWS\Desktop\Customized forms\PFO checklist
(Cory).wpd Revised 6/17/02

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the Proposed Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above. The related Proposed Final Order is intended to stand alone as the record of factors considered in its production.

Conditions or special considerations:

7B, 7E, 7J

BASE
BASE 250
1st CA 150
2E 7J 150
550
ROT 175
725
PASD 625
5100

KCL

Shad Hattan, 09:11 AM 7/16/02 -0700, application G-15730

Date: Tue, 16 Jul 2002 09:11:04 -0700
From: Shad Hattan <hattansl@wrд.state.or.us>
Reply-To: Shad.L.HATTAN@wrд.state.or.us
X-Mailer: Mozilla 4.73 [en] (Win98; U)
X-Accept-Language: en
To: Cory Engel <Cory.C.ENGEL@wrд.state.or.us>
Subject: application G-15730
X-Security: MIME headers sanitized on funnel
See <http://www.impsec.org/email-tools/sanitizer-intro.html>
for details. \$Revision: 1.133 \$Date: 2002-01-05 17:09:21-08

Cory,

The well involved for Mr. Bingaman's application is flowing artesian. The measuring and reporting conditions in your initial review letter only seem to deal with non flowing wells. For the aquifer involved with this application I beleive it is important to have water use reporting and reported pressure readings at the well head. Do you have standard langage for reporting and measuring of flowing artesian wells?

Thanks,

Shad

X-Content-Security: [funnel] original Content-Type was text/x-vcard;
Content-Type: application/octet-stream; charset=us-ascii;
name="hattansl.22161DEFANGED-vcf"
Content-Description: Card for Shad Hattan
Content-Disposition: attachment; filename="hattansl.22161DEFANGED-vcf"
Content-Transfer-Encoding: 7bit



[hattansl.22161DEFANGED-vcf](#)

X-Sender: engelcc@mailhub.wrd.state.or.us
X-Mailer: QUALCOMM Windows Eudora Version 5.1
Date: Tue, 16 Jul 2002 10:40:57 -0700
To: Shad.L.HATTAN@wrd.state.or.us
From: Cory Engel <Cory.C.ENGEL@wrd.state.or.us>
Subject: Re: application G-15730
Cc: Cory.C.ENGEL@wrd.state.or.us

At 09:11 AM 7/16/02 -0700, you wrote:

The well involved for Mr. Bingaman's application is flowing artesian. The measuring and reporting conditions in your initial review letter only seem to deal with non flowing wells. For the aquifer involved with this application I beleive it is important to have water use reporting and reported pressure readings at the well head. Do you have standard langage for reporting and measuring of flowing artesian wells?

Shad,

Thanks for your message. I am unaware of any standard language that is used for permits allowing use from artesian wells. I would recommend that you:

- a. Provide a comment for this application including your recommended customized measuring and reporting language, and
- b. If you think it is necessary, suggest to Dwight that new measuring and reporting language be implemented to deal with artesian wells, and we can discuss the matter.

Cory Engel
Water Right Specialist
503-378-8455 x324

Date: Tue, 16 Jul 2002 14:14:18 -0700
From: Shad Hattan <hattansl@wrд.state.or.us>
Reply-To: Shad.L.HATTAN@wrд.state.or.us
X-Mailer: Mozilla 4.73 [en] (Win98; U)
X-Accept-Language: en
To: Mike Zwart <Mike.J.ZWART@wrд.state.or.us>
CC: Dwight French <Dwight.W.FRENCH@wrд.state.or.us>, Cory Engel <Cory.C.ENGEL@wrд.state.or.us>
Subject: [Fwd: Re: application G-15730]

Mike,

I have forwarded some conversation regarding measurement and reporting conditions on flowing artesian wells. Apparently we don't have canned language that addresses mmt. and reporting conditions for wells that flow at the well head. I would like to start keeping track of artesian pressure and water use on the basalt wells in the Imbler area so that we have some early warning if and when we start seeing a decline in available water from that source. I would like your input on measurement and reporting for flowing artesian wells that would help the Department make decisions on new applications.

Thanks,

Shad

----- Original Message -----

Subject: Re: application G-15730
Date: Tue, 16 Jul 2002 10:40:57 -0700
From: Cory Engel <Cory.C.ENGEL@wrд.state.or.us>
To: Shad.L.HATTAN@wrд.state.or.us
CC: Cory.C.ENGEL@wrд.state.or.us

At 09:11 AM 7/16/02 -0700, you wrote:

>The well involved for Mr. Bingaman's application
>is flowing artesian. The measuring and reporting
>conditions in your initial review letter only seem
>to deal with non flowing wells. For the aquifer
>involved with this application I beleive it is
>important to have water use reporting and reported
>pressure readings at the well head. Do you have
>standard langage for reporting and measuring of
>flowing artesian wells?

Shad,

From: "Mike Zwart" <Mike.j.zwart@wrд.state.or.us>
To: <Shad.L.HATTAN@wrд.state.or.us>
Cc: <Dwight.W.FRENCH@wrд.state.or.us>,
"Cory ENGEL" <Cory.C.ENGEL@wrд.state.or.us>
Subject: Re: Re: application G-15730]
Date: Tue, 16 Jul 2002 15:17:30 -0700
X-Mailer: Microsoft Outlook Express 5.50.4522.1200

Shad,

There is no particular distinction (flowing vs. non-flowing) that is made in any of our canned measurement conditions that I can see, except possibly that the language that requires the permittee "to measure and report to the nearest tenth of a foot as depth-to-water below ground surface" is certainly skewed to non-flowing wells. I do not interpret this as not applying to flowing wells, but rather that the measurement needs to be referenced to ground surface. Our measurement report forms sent to the permittees allow for the reporting of water levels above land surface datum in any case.

I would submit that the recommended permit condition is adequate and no "special condition" is necessary. All we want is the permittee to submit static water level data. There is nothing fundamentally different about a static water level at a flowing well and that at a non-flowing well. The person presumably hired to do the measurements would have to know how to acquire that measurement for flowing wells.

A separate condition could possibly get us in trouble down the road. For example, in the case of a proposed well on an application, how would we know which permit condition to use if we had a separate one for flowing wells? Or what if the well flowed when first constructed, but later stopped?

Mike Zwart

----- Original Message -----

From: "Shad Hattan" <hattansl@wrд.state.or.us>
To: "Mike Zwart" <Mike.J.ZWART@wrд.state.or.us>
Cc: "Dwight French" <Dwight.W.FRENCH@wrд.state.or.us>; "Cory Engel" <Cory.C.ENGEL@wrд.state.or.us>
Sent: Tuesday, July 16, 2002 2:14 PM
Subject: [Fwd: Re: application G-15730]

>
> Mike,
>
> I have forwarded some conversation regarding
> measurement and reporting conditions on flowing
> artesian wells. Apparently we don't have canned
> language that addresses mmt. and reporting
> conditions for wells that flow at the well head.
> I would like to start keeping track of artesian
> pressure and water use on the basalt wells in the
> Imbler area so that we have some early warning if

IR CHECKLIST

Application #: G-15730

Diversion Info:

County: Union

Basin: WID: 8-30810407

Township 1 South Range 39 East Section 20 & 29

- ✓ 10. Groundwater Review
- ✓ a. PSI A B C D River/Stream Name _____
- ✓ b. Groundwater Availability A B C
- ✓ c. Is the well located in a GWLA or CGWA or T1N R3E Sec 20, 21, 28, 29? Y / N (If in an area include map showing POD)
- ✓ 30. Allowed under Basin Program Y / N Limitations? Y / N G90-508-020G) (a)
- ✓ 40. Withdrawn? Y / N season allowed _____
- ✓ 50. SWW Y / N (if Y notify state parks) _____
- ✓ 60. Surface Water Availability (80% live flow / 50% storage) NA
- ✓ 70. DIVISION 33 Y / N / NA Above Bonn Y / N (7/17/92) Below Bonn Y / N (4/8/94) Statewide Y / N (6/3/94) map date _____
(see S:\groups\wr\Resource Center - permits\forms\ir\mailing lists.wpd)
- ✓ 80. Rate/Duty/Season Requested 2.27 CFS 3/1-10/31
Allowable 1/80 / 3 / 3/1-10/31
- ✓ 90. B.O.R. or Doug Co. project Y / N contract # _____
- ✓ 100. Condition S ($\leq 0.1, \leq 9.2$), M (≥ 0.1 or ≤ 1.5 CFS, or ≥ 9.2 or ≤ 100 AF), L ($\geq 1.5, \geq 100$), BOR, GW, etc. Y / N _____
- ✓ 110. Land use approval OK'd needs approval county notified NA
- ✓ 120. Watermaster Dist: (1 2 16 18 20 - NWR) (3 4 5 21 - NCR) (6 8 9 10 - ER) (11 12 17 - SCR) (13 14 15 19 - SWR)
- ✓ 130. DOA 1010 Y / NA 303D Y / N IN GEOGRAPHIC UMATILLA Y / N BOTTLED WATER Y / N
(cc: to Paul Measeles) (cc: to DEQ Regional Manager) (cc: to CTUIR) (cc: to DOA Food Safety Division)
- ✓ 140. Is the use located within Oregon Streamflow Restoration Area Y / N / NA
- ✓ 150. Letter format = Good = Limited = Bad = Bad w/ IRshort = Bad w/ HC Opportunity
- ✓ 160. CWRE, representative, etc. to notify Y / N NO CONFLICTS

75, 17E, S.M. Black

CC: MORRIS

CWRE: GREGORY BLACKMAN

Name: Cory Engel

Date: July 9, 2002

The purpose of this checklist is to be used as a working document by Department staff to aid in the production of the related Initial Review, Proposed Final Order, or Final Order. It is not intended to be a complete record of all factors which were considered to produce the document, nor is it intended to serve any purpose other than that stated above.

The related Initial Review, Proposed Final Order, or Final Order is intended to stand alone as the record of factors considered in its production.



Oregon

John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130
www.wrd.state.or.us

March 19, 2002

Ross A. Bingaman
24905 Hull Lane
Imbler, OR 97841

*No conflict - permit will
BE CANCELED.*

Reference: Application File No. G-14270, Permit No. G-13123

Dear Mr. Bingaman:

I have reviewed the above referenced file, Permit, Claim of Beneficial Use and Site Report (Report) and records of our office to determine if you have complied with the terms and conditions of the Permit.

Notwithstanding other concerns regarding the Report, Permit No. G-13123 contains the condition as follows:

"Actual construction of the well shall begin within one year from permit issuance."

The permit was issued on April 16, 1997. This would mean the actual construction of the well was to occur on or before April 16, 1998. In examining our records, actual construction of the well, from the well log states the well was started on May 1, 2000 and completed on January 6, 2001. If our records are correct, you have failed to begin actual construction of the well within the time limits allowed and your permit is not valid.

ORS 537.260 provides that: "Whenever the time within which any appropriation under a permit should have been perfected has expired and the owner of the permit fails or refuses within three months thereafter to submit to the Water Resources Director proof of completion of the appropriation as required by ORS 537.230 and 537.250, the Water Resources Director may, after 60 days notice by registered mail, order the cancellation of the permit."

You are hereby notified that, unless proof of actual construction of the well was started on or before April 16, 1998, is received by **May 19, 2002** (within 60 days from the date of this letter) the permit may be canceled without further notice.

If additional information is needed, please contact me at extension 263 at (503) 378-8455.

Sincerely,

Steve Brown
Certificates

CERTIFIED - RETURN RECEIPT REQUESTED

c: Mr. Blackman, CWRE

Plat Card Report for: Township: *1S*, Range: *39E* Section: *20*

Application	Permit	Certificate	Status lot/dlc	NE				NW				SW			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
G 2672 10/18/1963	G 2508	<u>36551</u> -						27.200 IR	28.000 IR						
G 6191 7/22/1974	G 5232	<u>45333</u> -													
G 11773 1/4/1988	G 10825					MU		MU	MU	MU	MU	MU			MU
G 13338 3/22/1993	G 13119			16.900 IS (s)		1.100 IS (s)	36.200 IS (s)								
G 14270 3/7/1996	G 13123													39.100 IR	
G 15575 8/6/2001															4.500 IR
G 15730 3/27/2002														37.700 IR	
S 33762 3/21/1960	S 26657	<u>32354</u> -													
S 37462 3/12/1962	S 27890	<u>41054</u> -		13.200 IR		1.100 IR	36.200 IR								
S 53133 5/14/1975	S 38610	<u>54579</u> -											39.080 IR		

Go to 1S, 39E, 20 page: 1 2 Next >>Go to Section: 20 29**NOTE: Please read the disclaimer before using this information.**Frequently asked questions and the abbreviations (water use codes) noted above are discussed in our Plat Card FAQ.

Plat Card Report for: *Township: 1S, Range: 39E Section: 20*

				NE				NW				SW			
Application	Permit	Certificate	Status lot/dlc	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
S 58132 12/1/1978	S 43776	<u>66241</u> -		3.700 IR											
S 58785 6/15/1979	S 44320	<u>58084</u> -													

Go to 1S, 39E, 20 page: <<Previous 1 2

Go to Section: 20 29

NOTE: Please read the disclaimer before using this information.
Frequently asked questions and **the abbreviations (water use codes) noted above** are discussed in our
Plat Card **FAQ**.

Plat Card Report for: Township: 1S, Range: 39E Section: 29

Application	Permit	Certificate	Status lot/dlc	NE				NW				SW			
				NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
G 12572 6/13/1991	G 12359														
G 14270 3/7/1996	G 13123							37.600 IR	39.100 IR	40.000 IR	30.300 IR				
G 15730 3/27/2002								35.100 IR	39.100 IR	40.000 IR	30.300 IR				
S 30122 7/7/1955	S 23774	27180 -													
S 30375 10/14/1955	S 24435	28139 -					18.000 IR								
S 38621 4/8/1963	S 28751	36686 -					18.000 IS (s)								
S 38621 4/8/1963	S 28751 *	36686 -													
S 47657 10/19/1970	S 35659	45337 -													
S 58785 6/15/1979	S 44320	58084 -		2.400 IR											
S 58788 6/15/1979	S 44322	58086 -		8.000 IR											

Go to 1S, 39E, 29 page: 1 2 Next >>

Go to Section: 20 29

NOTE: Please read the disclaimer before using this information.
Frequently asked questions and the abbreviations (water use codes) noted above are discussed in our
Plat Card **FAQ**.

Plat Card Report for: Township: 1S, Range: 39E Section: 29

				NE				NW				SW			
Application	Permit	Certificate	Status lot/dlc	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
S 59899 3/21/1980	S 45048	58087 -		16.100 IR	19.300 IR	36.600 IR	15.900 IR								

Go to 1S, 39E, 29 page: <<Previous 1 2 Go to Section: 20 29

NOTE: Please read the disclaimer before using this information.
Frequently asked questions and the **abbreviations (water use codes)** noted above are discussed in our
Plat Card **FAQ**.

TO: Water Rights Section

FROM: Groundwater/Hydrology Section Michael Zwart

Reviewer's Name

SUBJECT: Application G- 15730

April 12, 2002

GROUNDWATER/SURFACE WATER CONSIDERATIONS

1. PER THE _____ Basin rules, one or more of the proposed POA's is/is not within _____ feet/mile of a surface water source (_____) and taps a groundwater source hydraulically connected to the surface water.
2. BASED UPON OAR 690-09 currently in effect, I have determined that the proposed groundwater use
 - a. _____ will, or _____ have the potential for substantial interference with the nearest
 - b. _____ will not _____ surface water source, namely _____; or
 - c. ☒ will if properly conditioned, adequately protect the surface water from interference:
 - i. ☒ The permit should contain condition #(s) 7B, 7J;
 - ii. _____ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. _____ The permit should be conditioned as indicated in item 4 below; or
 - d. _____ will, with well reconstruction, adequately protect the surface from substantial interference.

GROUNDWATER AVAILABILITY CONSIDERATIONS

3. BASED UPON available data, I have determined that groundwater for the proposed use
 - a. _____ will, or _____ likely be available in the amounts requested without injury to prior rights
 - b. _____ will not _____ and/or within the capacity of the resource; or
 - c. ☒ will if properly conditioned, avoid injury to existing rights or to the groundwater resource:
 - i. ☒ The permit should contain condition #(s) 7E;
 - ii. _____ The permit should contain special condition(s) as indicated in "Remarks" below;
 - iii. _____ The permit should be conditioned as indicated in item 4 below; or
4.
 - a. _____ THE PERMIT should allow groundwater production from no deeper than _____ ft. below land surface;
 - b. _____ The permit should allow groundwater production from no shallower than _____ ft. below land surface;
 - c. _____ The permit should allow groundwater production only from the _____ groundwater reservoir between approximately _____ ft. and _____ ft. below land surface;
 - d. _____ Well reconstruction is necessary to accomplish one or more of the above conditions.
 - e. _____ One or more POA's commingle 2 or more sources of water. The applicant must select one source of water per POA and specify the proportion of water to be produced from each source.

REMARKS: _____

(Well Construction Considerations on Reverse Side)

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

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

RECOMMENDATION:

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

THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL

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

_____, 199____
(Signature)

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

_____, 199____
(Signature)

MEMO

April 12, ~~2001~~ 2002

FROM GW: Michael Zwart
(Reviewer's Name)

SUBJECT Scenic Waterway Interference Evaluation

☒ Yes

The source of appropriation is within or above a Scenic Waterway.

☐ No☒ Yes

Use the Scenic Waterway condition (Condition 7J).

☐ No

PREPONDERANCE OF EVIDENCE FINDING: (Check box only if statement is true)

☒

At this time the Department is unable to find that there is a preponderance of evidence that the proposed use of ground water will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

FLOW REDUCTION: (To be filled out only if Preponderance of Evidence box is not checked)

Exercise of this permit is calculated to reduce monthly flows in _____ Scenic Waterway by the following amounts expressed as a proportion of the consumptive use by which surface water flow is reduced.

[illegible]

New Application Route Slip

Receipting

C.V.

Data Center

SR 3.28.02

Ground Water

YES ☒ NO ☐

Bill Fujii

YES ☐ NO ☒

→ If for "Municipal" or "Quasi-Muni,"

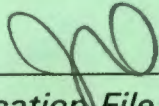
John Falk

YES ☐ NO ☒

→ Please Note — if application is for:

A "Standard Reservoir" storing 9.2 acre-feet or more of water, or has a dam height of 10.0 feet or greater, make a copy of application & supplemental forms and Route to: John Falk, Dam Safety

**Water Rights
Support**


Mark contents of Application File; Update Powerbuilder with caseworker, etc.; **Route to filing cabinet**

**CASEWORKER
ASSIGNED:**

CORY ENGEL

Mike

WATER RESOURCES DEPARTMENT

DIVISION 508

GRANDE RONDE BASIN PROGRAM

690-508-0020

Middle Grande Ronde Subbasin

(1) Classifications:

- (a) The maximum economic development of this state and the attainment of the highest and best use of the waters of the Middle Grande Ronde Basin and the attainment of an integrated and coordinated program for the benefit of the state as a whole, will be furthered through utilization of the aforementioned waters only for domestic, livestock, municipal, **irrigation**, power development, industrial, mining, recreation, wildlife and fish life purposes and **the waters of the Middle Grande Ronde Basin are hereby so classified.**

Analysis for Application: G15730

Location: 1.00 S-39.00 E-20-sws

Uses: IR 37.700 (P)

Basins

BASIN_NUM	BASIN_NAME
8	Grande Ronde

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY	ZIP	PH
6	E	3149427	4920	Shad Hattan	10507 N. McAlister Rd, #3	La Grande	97850-9801	541

Records Found: 1

WAB

BASIN	WID	LINK_1
8	30810407	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Union	41061

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1.00 S-39.00 E-29-swnw

Uses: IR 40.000 (P)

Basins

BASIN_NUM	BASIN_NAME
8	Grande Ronde

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY	ZIP	PHONE
6	E	3149427	4920	Shad Hattan	10507 N. McAlister Rd, #3	La Grande	97850-9801	541

Records Found: 1

WAB

BASIN	WID	LINK_1
8	30810407	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Union	41061

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1.00 S-39.00 E-29-senw

Uses: IR 30.300 (P)

Basins

BASIN_NUM	BASIN_NAME
8	Grande Ronde

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY	ZIP	PHONE
6	E	3149427	4920	Shad Hattan	10507 N. McAlister Rd, #3	La Grande	97850-9801	541-962-2200

Records Found: 1

WAB

BASIN	WID	LINK_1
8	30810407	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Union	41061

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1.00 S-39.00 E-29-nwnw

Uses: IR 39.100 (P)

Basins

BASIN_NUM	BASIN_NAME
8	Grande Ronde

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY	ZIP	PH
6	E	3149427	4920	Shad Hattan	10507 N. McAlister Rd, #3	La Grande	97850-9801	541

Records Found: 1

WAB

BASIN	WID	LINK_1
8	30810407	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Union	41061

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Location: 1.00 S-39.00 E-29-nenw

Uses: IR 35.100 (P)

Basins

BASIN_NUM	BASIN_NAME
8	Grande Ronde

Records Found: 1

WaterMaster Districts

WATERDIST	REGION	ACRES	SQ_MILES	WMASTER	ADDRESS	CITY	ZIP	PH
6	E	3149427	4920	Shad Hattan	10507 N. McAlister Rd, #3	La Grande	97850-9801	541

Records Found: 1

WAB

BASIN	WID	LINK_1
8	30810407	Water Availability: 50% 80%

Records Found: 1

County

COUNTY	FIPS
Union	41061

Records Found: 1

Groundwater Restricted Records Found: 0

Divison 33 Area

DIV33
In a Div33 area

Records Found: 1

Rule 4D

RULE4D
In a Rule4D Area

Records Found: 1

303D Streams Records Found: 0

303D Lakes Records Found: 0

Standard Application “Completeness” Checklist

Minimum Requirements (OAR 690-310-040)

Application # G-15730

Priority Date: 3/27/02

Use(s): IRRIGATION
182.2 ACRES

Rate: 2.27 CFS

County: UNION

Township: 1 S

Range: 39 E

Section: 20, 29

POD $\frac{1}{4}$ $\frac{1}{4}$: NW/NW OF SEC.29

POU $\frac{1}{4}$ $\frac{1}{4}$: SW/SW SEC.20 & NW1/4 OF SEC.29

OK Applicant/Organization Name, Mailing Address and Telephone Number. If applicant is other than a private landowner, Organizations section must be completed.

OK Source and tributary listed

OK Property ownership indicated? If applicant does not own all the land, is the affected landowner's name and mailing address listed? (Including: Lands, not owned by applicant, upon which the source is locatedor..... any Lands, not owned by applicant, which are crossed by the diversion works.) **NOTE:** An easement or agreement **DOES NOT** need to be submitted at this time, but will be required before a permit will be issued.

OK If a groundwater application...is the groundwater development section completed?

OK Proposed Use of the water.... Is each proposed use identified?

OK Has the appropriate “Supplemental Form” for each proposed use been completed?

OKForm I (Irrigation) **QForm M** (Municipal or Quasi-Municipal)

QForm R (Mining) **QForm Q** (Commercial or Industrial)

QSpring Description Sheet (if source is a Spring)

OK Amount of water from each source listed in GPM, CFS or AF?

OK Acreage being proposed, if applicable.

OK Season being requested by applicant.

- OK** The **water management section** has been completed? If system has not been designed, the applicant may estimate this information.
- OK** **Resource protection system** completed on Surface Water application?
- OK** Are the **dates of construction** indicated? If system already completed, applicant should indicate **existing**.
- OK** Is the **application signed in ink by the applicant**? If the application is in the name of an organization or corporation, the authorized agent must sign the application.
- OK** Is a **copy of the deed, land sales contract or title insurance policy included**? We cannot accept a copy of the tax bill.
- OK** A **completed Land-Use Form** or receipt signed by the appropriate planning department officials enclosed? *Does the use on land-use form match the proposed use on the application?*
- OK** Does the map meet map requirements of OAR 690-310-050?

OK Town, Range, Sec, ¼ and Tax Lot #

OK Scale of the Map

OK Reference corner on map

OK North Directional Symbol

OK ¼ ¼'s clearly identified

OK POD clearly identified

OK POU clearly identified

OK Location Coordinates for each POD

OK **Location of House, if Domestic**

OK **Number of acres per ¼ ¼, if Irrigation**

OK **Location of Bldg, if Comm/Indus**

OK **Location of Stock Tanks, if Livestock**

OK **Muni/Quasi-Muni Service Boundaries**

OK **Other**

OK **Correct fees enclosed?**

Base Fee \$250.00

Total Paid \$625.00

plus \$150.00

plus \$225.00

Total Amount of
Water Requested: 2.27 CFS

Total Exam Fee \$625.00

Total Exam Fee \$ 625.00

Recording Fee \$ 175.00 TO BE RECEIVED

Completeness Check by: ROGER WRIGHT

Date: 3/27/02

Notice to Mailer of Correction in Address

Addressee's Account Number (All numbers, dates, and letters)

File #: G 15730

☐ No account number on mail

☐ Account number illegible

Addressee's Name

Ross A BINGAMAN

Old Address (Include apartment or suite number)

64905 Hull Lane

City, State, and ZIP Code

Imbler OR 97841

New Address (Include apartment or suite number)

PO Box 56

City, State, and ZIP Code

Imbler OR 97841-0056

This card is furnished: ☒ For address correction, as requested (your mailpiece was forwarded).

☐ In place of Form 3579 (see reason for nondelivery below).

The address portion of your mailpiece was not readily detachable. Reason for nondelivery:

☐ Moved, left no address

☐ No such street

☐ No such number

☐ Refused

☐ Attempted, not known

☐ Unclaimed



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

JUL 17 2002

WATER RESOURCES DEPT.
SALEM, OREGON

Postage Due 70¢

Water Resources Dept.
Commerce Bldg.
158 12th St NE
Salem, OR 97301-4172



Mailing List for PFO Copies

Application #G-15730

PFO Date October 29, 2002

Original mailed to:

~~Applicant:~~ ROSS A BINGAMAN, PO BOX 56, IMBLER, OREGON 97841-0056

Copies sent to:

- ~~1.~~ WRD - File # G-15730
- ~~2.~~ Water Availability: Ken Stahr

PFO and Map Copies sent to:

- ~~3.~~ WRD - Watermaster #6
- ~~4.~~ Regional Manager: ER
- ~~5.~~ Oregon State Parks

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

- ~~6.~~ CWRE: Gregory Blackman

CASEWORKER:engelcc- WEEK 379

Copies Mailed
By: <u>JCB</u>
(SUPPORT STAFF)
on: <u>10/29/02</u>
(DATE)

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-15730

Prior to issuance of a permit, permit recording fees in the amount of \$100.00 must be submitted to the Department. In order to expedite the processing of the Final Order and permit, you may wish to submit \$100.00 prior to the protest deadline of December 13, 2002. Please include your application number on your check made out to the Oregon Water Resources Department. If this fee is not paid prior to December 13, 2002, issuance of your permit will be delayed until all fees are paid.

Proposed Final Order

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

Application History

On MARCH 27, 2002, ROSS A BINGAMAN submitted an application to the Department for the following water use permit:

- Amount of Water: 2.27 CUBIC FEET PER SECOND (CFS)
- Use of Water: IRRIGATION OF 182.2 ACRES
- Source of Water: A WELL IN GRANDE RONDE RIVER BASIN
- Area of Proposed Use: UNION County within SECTIONS 20 AND 29, TOWNSHIP 1 SOUTH, RANGE 39 EAST, W.M.

On July 12, 2002, the Department mailed the applicant notice of its Initial Review, determining that "*The use of 2.27 CUBIC FEET PER SECOND from A WELL IN GRANDE RONDE RIVER BASIN for IRRIGATION OF 182.2 ACRES is allowable from March 1 through October 31 of each year.*" The applicant did not notify the Department to stop processing the application within 14 days of that date.

On July 30, 2002, the Department gave public notice of the application in its weekly notice. The public notice included a request for comments, and information for interested persons about both obtaining future notices and a copy of the proposed final order.

No written comments were received within 30 days.

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

- comments by or consultation with another state agency
- any applicable basin program
- any applicable comprehensive plan or zoning ordinance
- the amount of water available
- the rate and duty for the proposed use
- pending senior applications and existing water rights of record
- designations of any critical groundwater areas
- the Scenic Waterway requirements of ORS 390.835
- applicable statutes, administrative rules, and case law
- any general basin-wide standard for flow rate and duty of water allowed
- the need for a flow rate and duty higher than the general standard
- any comments received

Findings of Fact

The Grande Ronde Basin Program allows IRRIGATION.

A WELL IN GRANDE RONDE RIVER BASIN is above the Grande Ronde River State Scenic Waterway.

The Groundwater Section finds, per OAR 390.835(9), there is not a preponderance of evidence that the proposed use of groundwater will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife.

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

An assessment of groundwater availability has been completed by the Department's Groundwater/Hydrology section. A copy of this assessment is in the file. The proposed use of groundwater will, if properly conditioned, avoid injury to existing rights and the resource.

The Department finds that the amount of water requested, 2.27 CFS, is an acceptable amount.

The proposed well is not within a designated critical ground water area.

Conclusions of Law

Under the provisions of ORS 537.153, the Department must presume that a proposed use will not impair or be detrimental to the public interest if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12) (i.e. the use of water is human consumption or livestock), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the Grande Ronde Basin Plan, or a preference for this use is granted under the provisions of ORS 536.310(12).

Water is available for the proposed use.

The proposed use will not injure other water rights.

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

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

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

For these reasons, the required presumption has been established.

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

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

In this application, all criteria for establishing the presumption have been satisfied, as noted above. The presumption has not been overcome by

a preponderance of evidence that the proposed use would impair or be detrimental to the public interest.

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

Recommendation

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

DATED October 29, 2002


Dwight French
Water Rights Section Manager

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

Protest Rights and Standing

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

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the \$200 protest fee required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a

hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.

- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

Requests for Standing

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

Your protest or request for standing must be received in the Water Resources Department no later than **December 13, 2002**.

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

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

This document was prepared by Cory Engel. If you have any questions about any of the statements contained in this document I am most likely the best person to answer your questions. You can reach me at 1-503-378-8455 extension 324.

If you have questions about how to file a protest or if you have previously filed a protest and want to know the status, please contact Renee Moulun. Her extension number is 239. If you have other questions about the Department or any of its programs please contact our Water Rights Information Group at extension 201.

Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 158 12th ST NE SALEM, OR 97301

Fax: (503)378-6203

engelcc- WEEK 379

DRAFT

This is not a permit!!!
STATE OF OREGON

DRAFT

COUNTY OF UNION

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

ROSS A BINGAMAN
PO BOX 56
IMBLER, OREGON 97841-0056

(541) 534-2745

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

APPLICATION FILE NUMBER: G-15730

SOURCE OF WATER: A WELL IN GRANDE RONDE RIVER BASIN

PURPOSE OR USE: IRRIGATION OF 182.2 ACRES

MAXIMUM RATE: 2.27 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MARCH 27, 2002

WELL LOCATION: NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 29, T1S, R39E, W.M.; 85 FEET SOUTH & 710 FEET EAST FROM THE NW CORNER OF SECTION 29

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

THE PLACE OF USE IS LOCATED AS FOLLOWS:

SW $\frac{1}{4}$ SW $\frac{1}{4}$ 37.7 ACRES
SECTION 20

NE $\frac{1}{4}$ NW $\frac{1}{4}$ 35.1 ACRES
NW $\frac{1}{4}$ NW $\frac{1}{4}$ 39.1 ACRES
SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES
SE $\frac{1}{4}$ NW $\frac{1}{4}$ 30.3 ACRES
SECTION 29

TOWNSHIP 1 SOUTH, RANGE 39 EAST, W.M.

Measurement, recording and reporting conditions:

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

Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements

will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

STANDARD CONDITIONS

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

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

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

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

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

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

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

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

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

Complete application of the water to the use shall be made on or before October 1, 2007. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit,

the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after complete application of water to the proposed use, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued _____, 2002

DRAFT - THIS IS NOT A PERMIT

Paul R. Cleary, Director
Water Resources Department

REAL ESTATE TRANSACTIONS: Pursuant to ORS 537.330, in any transaction for the conveyance of real estate that includes any portion of the lands described in this permit, the seller of the real estate shall, upon accepting an offer to purchase that real estate, also inform the purchaser in writing whether any permit, transfer approval order, or certificate evidencing the water right is available and that the seller will deliver any permit, transfer approval order or certificate to the purchaser at closing, if the permit, transfer approval order or certificate is available.

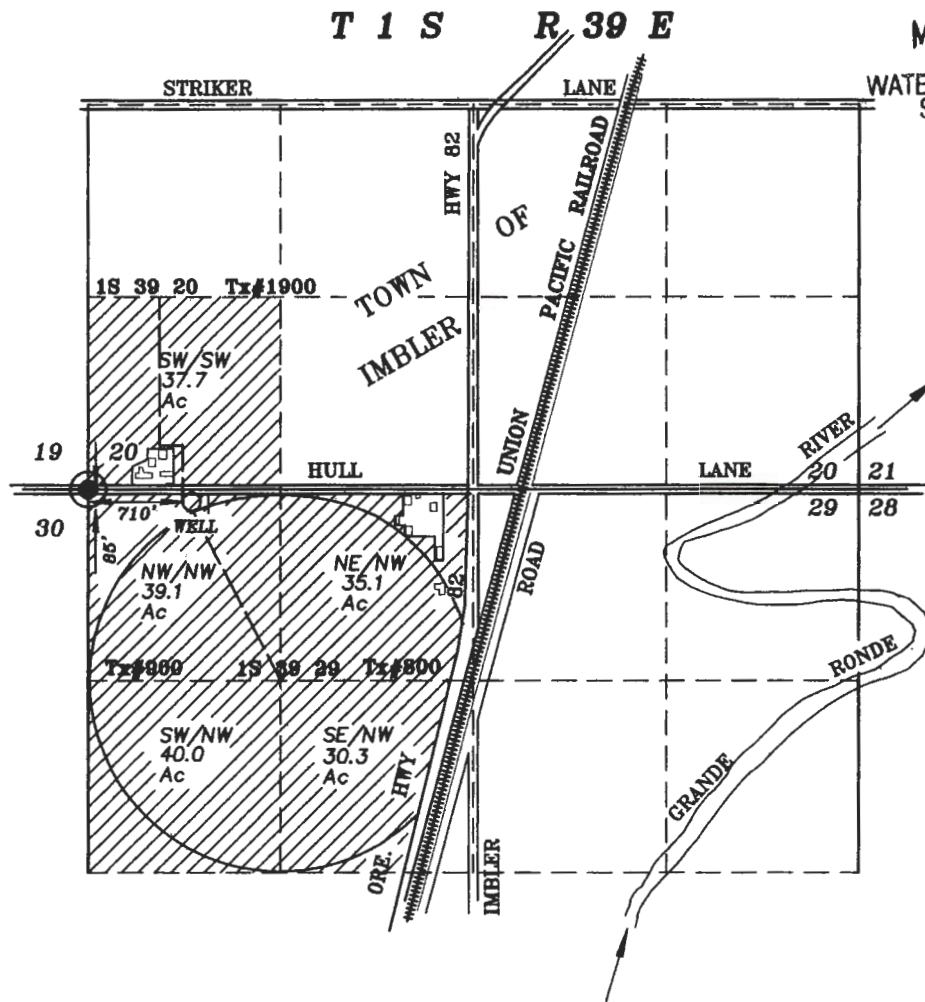
CULTURAL RESOURCES PROTECTION LAWS: Permittees involved in ground-disturbing activities should be aware of federal and state cultural resources protection laws. ORS 358.920 prohibits the excavation, injury, destruction or alteration of an archeological site or object, or removal of archeological objects from public and private lands without an archeological permit issued by the State Historic Preservation Office. 16 USC 470, Section 106, National Historic Preservation Act of 1966 requires a federal agency, prior to any undertaking to take into account the effect of the undertaking that is included on or eligible for inclusion in the National Register. For further information, contact the State Historic Preservation Office at 503-378-4168, extension 232.

Application No. 6-15730
Permit No.

RECEIVED

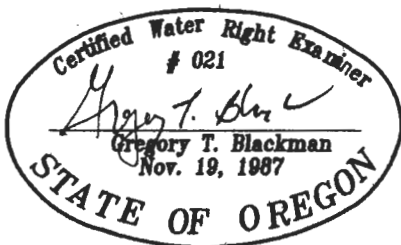
MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON



Lands requesting primary irrigation
from new well.

----- Mainline



NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

Application map of
Water Rights
for

Ross A. Bingaman

BY
BAGETT - GRIFFITH & BLACKMAN
2006 ADAMS AVENUE
LAGRANDE, OREGON 97850

March 25, 2002

APPLICATION NO. _____

PERMIT NUMBER _____

Cc: brandttc@funnel.wrd.state.or.us

Groundwater file G-15730 / No Permit / No Certificate -

Imbler, OR 97841-0056

Imbler, OR 97841

HAVE A NICE DAY!!!



Oregon

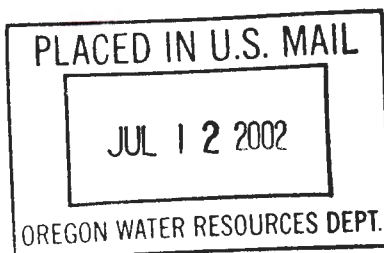
John A. Kitzhaber, M.D., Governor

Water Resources Department

Commerce Building
158 12th Street NE
Salem, OR 97301-4172
(503) 378-3739
FAX (503) 378-8130
www.wrd.state.or.us

July 12, 2002

ROSS A BINGAMAN
64905 HULL LANE
IMBLER, OREGON 97841



(541) 534-2745

Reference: File G-15730

Dear Applicant:

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

**THIS APPLICATION FALLS WITHIN A HIGH PRIORITY AREA FOR
STREAMFLOW RESTORATION UNDER THE OREGON PLAN**

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

Initial Review Determinations:

1. The proposed use is not prohibited by law or rule.
2. The use of water from A WELL IN GRANDE RONDE RIVER BASIN for IRRIGATION OF 182.2 ACRES is **allowable** under OAR 690-508-020(1)(a), the Grande Ronde Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will, if properly conditioned, adequately protect the surface water from interference.
4. The Department has also determined, based upon available data, that the use of groundwater in the amount of 2.27 CUBIC FEET PER SECOND for IRRIGATION OF 182.2 ACRES, if properly conditioned, will not injure existing rights or the groundwater resource.

Summary of Initial Determinations

The use of 2.27 CUBIC FEET PER SECOND from A WELL IN GRANDE RONDE RIVER BASIN for IRRIGATION OF 182.2 ACRES is allowable from March 1 through October 31 of each year.

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

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

To Proceed With Your Application:

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

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, July 26, 2002**. For your convenience you may use the enclosed "STOP PROCESSING" form.

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

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

2. The priority date for this application is MARCH 27, 2002.
3. Use of water under authority of this permit may be regulated if analysis of data available after the permit is issued discloses that the appropriation will measurably reduce the surface water flows necessary to maintain the free-flowing character of a scenic waterway in quantities necessary for recreation, fish and wildlife in effect as of the priority date of the right or as those quantities may be subsequently reduced.
4. To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Before Use of Water Takes Place

Initial and Annual Measurements

The Department requires the permittee to submit an initial water level measurement in the month specified above once well construction is complete and annually thereafter until use of water begins; and

After Use of Water has Begun

Reference Water Level Determination

Following the first year of water use, the user shall submit one static water level measurement in the month specified above which will establish the reference level against which future annual measurements will be compared. The water user is not required to measure additional water levels after the reference level has been determined unless required by the Director. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registered professional engineer, licensed well constructor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- (A) Identify each well with its associated measurement; and
- (B) Measure and report water levels to the nearest tenth of a foot as depth-to-water below ground surface; and
- (C) Specify the method used to obtain each well measurement; and
- (D) Certify the accuracy of all measurements and calculations submitted to the Department.

The water user shall discontinue use of, or reduce the rate or volume of withdrawal from, the well(s) if annual water level measurements reveal any of the following events:

- (A) An average water level decline of three or more feet per year for five consecutive years; or
- (B) A water level decline of 15 or more feet in fewer than five consecutive years; or
- (C) A water level decline of 25 or more feet; or
- (D) Hydraulic interference leading to a decline of 25 or more feet in any neighboring well with senior priority.

The period of non or restricted use shall continue until the annual water level rises above the decline level which triggered the action or until the Department determines, based on the permittee's and/or the Department's data and analysis, that no action is necessary because the aquifer in question can sustain the observed declines without adversely impacting the resource or senior water rights. The water user shall in no instance allow excessive decline, as defined in Commission rules, to occur within the aquifer as a result of use under this permit. If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

The water source identified in your application is in an area that has an approved Agricultural Water Quality Management Area Plan. These plans have been developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders. These plans help make sure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to contact Paul Measeles, (503) 986-4778 at the ODA to learn more about the plan and how it may affect your proposed water use.

If you have any questions:

Questions about the status of your application, processing timelines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at (503) 378-8455 extension 201. Feel free to call me at (503) 378-8455 extension 324 if you have any questions regarding the contents of this letter. Please have your application number available if you call. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 158 12th ST. NE Salem, OR 97301-4172, Fax: (503)378-6203.

Sincerely,



Mr. Cory C. Engel
Water Right Processing Technician

enclosures: Flow Chart of Water Right Process
Stop Processing Form

G-15730
wab 08-30810407, pou 08-30810407, gw C

APPLICATION FACT SHEET

Mail to: Applicant, Watermaster, District Biologist (ODFW)

If necessary, also mail to : Regional Water quality manager (DEQ), and DOA

Application File Number: G-15730

Applicant: ROSS A BINGAMAN

County: UNION

Watermaster: #6

Priority Date: MARCH 27, 2002

Source: A WELL IN GRANDE RONDE RIVER BASIN

Use: IRRIGATION OF 182.2 ACRES

Quantity: 2.27 CUBIC FEET PER SECOND

Basin Name & Number: Grande Ronde, #08

Stream Index Reference: Volume 1 GRANDE RONDE R

Point of Diversion Location: NW $\frac{1}{4}$ NW $\frac{1}{4}$, SECTION 29, T1S, R39E, W.M.; 85 FEET SOUTH
& 710 FEET EAST FROM THE NW CORNER OF SECTION 29

Place of Use: SW $\frac{1}{4}$ SW $\frac{1}{4}$ 37.7 ACRES, SECTION 20 NE $\frac{1}{4}$ NW $\frac{1}{4}$ 35.1 ACRES NW $\frac{1}{4}$ NW $\frac{1}{4}$
39.1 ACRES SW $\frac{1}{4}$ NW $\frac{1}{4}$ 40.0 ACRES SE $\frac{1}{4}$ NW $\frac{1}{4}$ 30.3 ACRES, SECTION 29, TOWNSHIP 1
SOUTH, RANGE 39 EAST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, July 26, 2002

PUBLIC NOTICE DATE: Tuesday, July 30, 2002

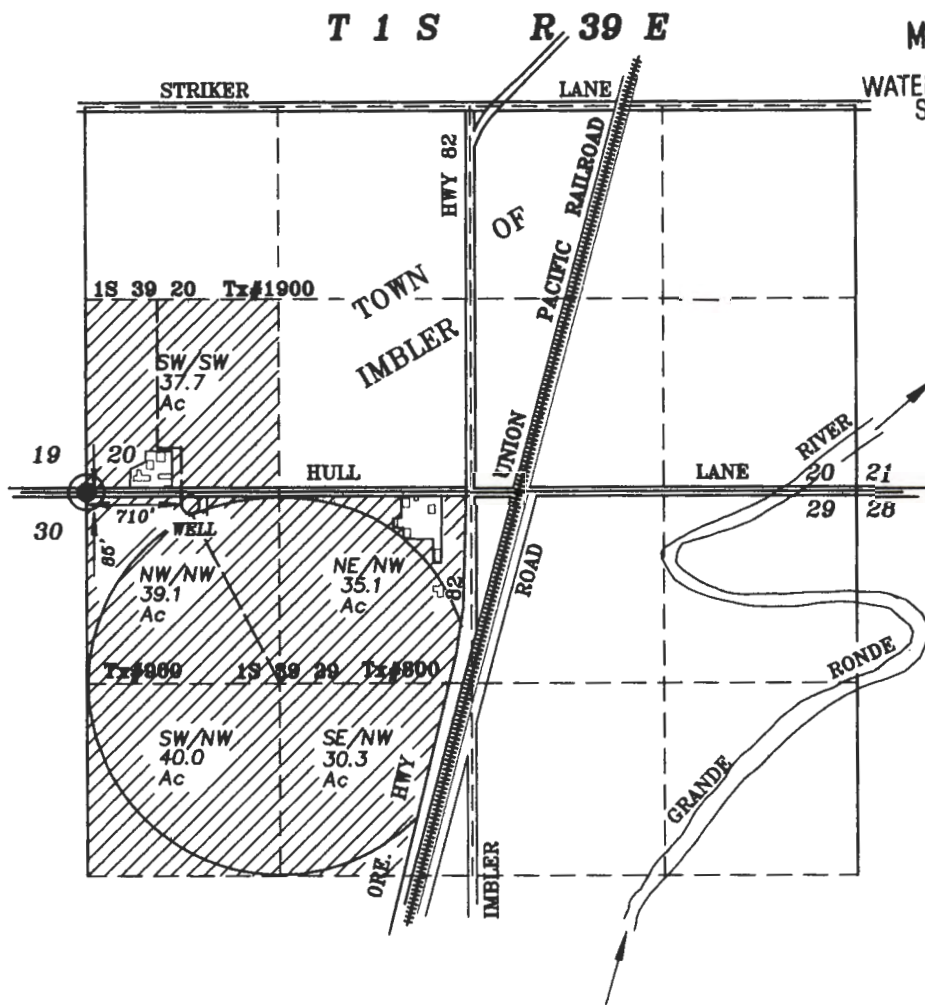
30 DAY COMMENT DEADLINE DATE: Thursday, August 29, 2002

Application No. 6-15730
Permit No.

RECEIVED

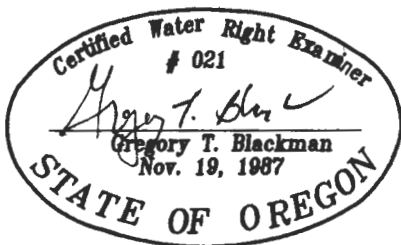
MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON



Lands requesting primary irrigation
from new well.

----- Mainline



NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

Application map of
Water Rights
for
Ross A. Bingaman

BY
BAGETT - GRIFFITH & BLACKMAN
2006 ADAMS AVENUE
LAGRANDE, OREGON 97850

March 25, 2002

APPLICATION NO. _____

PERMIT NUMBER _____

Mailing List for IR Copies

Application #G-15730

IR Date: July 12, 2002

Original mailed to:

Applicant: ROSS A BINGAMAN , 64905 HULL LANE, IMBLER, OREGON 97841

Copies sent to:

1. WRD - File # G-15730
2. WRD - Water Availability: Ken Stahr

IR, Map, and Fact Sheet Copies sent to:

3. WRD - Watermaster # 6
4. WRD - Regional Manager: Eastern Region
5. DOA (N.Salem/Keizer): Paul Measeles

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

6. CWRE: Gregory Blackman

Copies Mailed
By: <u>JLB</u>
(SUPPORT STAFF)
on: <u>7/12/02</u>
(DATE)

X-Sender: engelcc@mailhub.wrd.state.or.us
X-Mailer: QUALCOMM Windows Eudora Version 5.1
Date: Wed, 29 May 2002 11:05:19 -0700
To: bgbinc@oregontrail.net
From: Cory Engel <Cory.C.ENGEL@wrd.state.or.us>
Subject: Re: Ross Bingaman water rights
Cc: Cory.C.ENGEL@wrd.state.or.us

Mr. Blackman,

This is in response to your e-mail of this morning to Steve Brown, in which you inquired as to the status of Ross Bingaman's new application. Mr. Bingaman's application was received in our office on March 27, 2002 and assigned application number G-15730. I have been designated the caseworker for this file.

A review by our groundwater staff has been completed. This review found that water is available and that the use would not have the potential to substantially interfere with surface water sources, if conditioned such that the use is regulated upon a finding of interference with senior water rights or the downstream scenic waterway, and such that annual static water level measurements are required.

The application now awaits my initial review. I expect that this will be completed within the next several weeks. Any requests to expedite processing should be submitted to my manager, Dwight French.

Mr. Cory C. Engel
Water Right Specialist
Oregon Water Resources Department
503-378-8455, extension 324
FAX: 503-378-6203
Cory.C.ENGEL@wrd.state.or.us
<http://www.wrd.state.or.us/>

From: "Rick Robinson - BGB Inc." <bgbinc@oregontrail.net>
To: "Steve C Brown" <Stephen.C.BROWN@wrд.state.or.us>
Subject: Ross Bingaman water rights
Date: Wed, 29 May 2002 09:26:48 -0700
X-Security: MIME headers sanitized on funnel
See <http://www.impsec.org/email-tools/sanitizer-intro.html>
for details. \$Revision: 1.133 \$Date: 2002-01-05 17:09:21-08
X-Mailer: Microsoft Outlook Express 4.72.3155.0

Dear Steve;

In regards to Mr. Bingamans water rights, I have completed the final inspection of the system on Willow Creek (T-8084). I am sending you a letter with my information from this inspection of the meter in use. Mr. Bingaman was concerned that he had not received any notice of water resources receiving the re-application for his new well (Permit #G-13123). He said that the check has been cashed and I show a confirmed delivery slip on March 25, 2002. If you could email me or give me a call in regards to the status of the application, I would greatly appreciate it. I will pass any information you may have on to Mr. Bingaman.

Thank you;
Greg Blackman
Bagett-Griffith & Blackman

Greg Blackman ; 3:25 pm
5/28/02
G-13123
Ross Bingaman
Meter 1 year
541-963-6092
G-15575
G-15730
P-13123
14270
14270
7B, 75, 7E



State of Oregon
Water Resources Department
158 12th Street NE, Salem, OR 97310
(503)378-8455
www.wrd.state.or.us

Application for a Permit to Use Ground Water

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

1. APPLICANT INFORMATION

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

A. Individuals

Applicant: ROSS A. Bingaman
First Last

Co-applicant: _____
First Last

Mailing address: 64905 Hull Lane
Imbler Oregon 97841
City State Zip

Phone: (541) 534- 2745
Home Work Other

*Fax: _____ *E-Mail address: _____

B. Organizations

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

Name of organization: _____

Name and title of person applying: _____

Mailing address of organization: _____

City State Zip

Phone: _____
Day Evening

*Fax: _____ *E-Mail address: _____

*Optional information

For Department Use

App. No. G-15730

Permit No. _____

Date 3-27-02

2. PROPERTY OWNERSHIP

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

☒ Yes (Skip to section 3 "Ground water Development.")

☐ No Please check the appropriate box below.

☐ I have a recorded easement or written authorization permitting access.

☐ I do not currently have written authorization or easement permitting access.

List the names and mailing addresses of all affected landowners.*

*If more than 25 landowners are involved, a list is not required. See instructions.

3. GROUND WATER DEVELOPMENT

A. Number of well(s): 1 B. Name of nearest surface water body: Grande Ronde River

C. Distance from well(s) to nearest stream or lake: 1) 1/2 mile

2) _____ 3) _____ 4) _____

D. If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) 50 feet

2) _____ 3) _____ 4) _____

E. Well Characteristics

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

Well(s) will be constructed by: Waldo Lowe

Address: 3201 N. 4th, LaGrande, Ore. 97850

Completion date: Completed

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

Well No.	Diameter	Type and size of casing	No. of feet of casing	Intervals casing is perforated (in feet)	Seal depth	Est. depth to water	Est. depth to water bearing stratum	Type of access port or measuring device	Total well depth
			SEE	PUMP TEST ENCLOSED					

F. Artesian Flows

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

My well is fitted with a shut off valve to keep the well from free flowing.

4. WATER USE

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

A. Type(s) of Use(s)

See list of beneficial uses provided in the instructions.

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

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WATER RESOURCES DEPT.
SALEM, OREGON

B. Amount of Water

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

Well No.	Source or aquifer	Type of use	Total rate of water requested (in gpm)	Total annual quantity (in gallons)	Production rate of well (in gpm)
1	**SEE PUMP TEST ENCLOSED**				1700 g.p.m.

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 2.27 c.f.s.
(The fees for your application will be based on this amount.)

D. Period of Use

Indicate the time of year you propose to use the water: March 1 to October 31
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

E. Acreage

If you will be applying water to land, please give the total number of acres where water will be applied or used: 182.2 Ac.
(This number should be consistent with your application map.)

5. WATER MANAGEMENT

A. Diversion

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

- ☒ Pump (give horsepower and pump type) 75 H.P. turbine
☐ Other means (describe) _____

B. Transport

How will you transport water to your place of use?

- ☐ Ditch or canal (give average width and depth)
Width _____ Depth _____
Is the ditch or canal to be lined? ☐ Yes ☐ No
- ☒ Pipe (give diameter and total length)
Diameter 10" Length 2640 ft.
- ☐ Other (describe) _____

C. Application/Distribution Method

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

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

- | | | |
|--|--|---|
| ☐ Flood | ☐ High-pressure sprinkler | ☐ Low pressure sprinkler |
| ☐ Drip | ☐ Water cannons | ☒ Center pivot system |
| ☒ Hand lines | ☒ Wheel lines | |
| ☐ Siphon tubes or gated pipe with furrows | | |
| ☐ Other, describe _____ | | |

Distribution method

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

D. Conservation

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

I'm using low pressure sprinklers.

6. PROJECT SCHEDULE

Indicate the anticipated dates that the following construction tasks should begin. If construction has already begun, or is completed, please indicate that date.

Proposed date construction will begin _____ Completed _____

Proposed date construction will be completed _____ Completed _____

Proposed date beneficial water use will begin _____ March 1, 2003 _____

7. REMARKS

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

This is an re-application for Permitt No. 13123.

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SALEM, OREGON

8. MAP REQUIREMENTS

The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place of use. The map must provide tax lot numbers. See the map guidelines sheet for detailed map specifications.

9. SIGNATURE

By my signature below I confirm that I understand:

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

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

Ross A. Bingaman

Ross A. Bingaman

3/24/02

Signature of Applicant

Date

Signature of Co-applicant

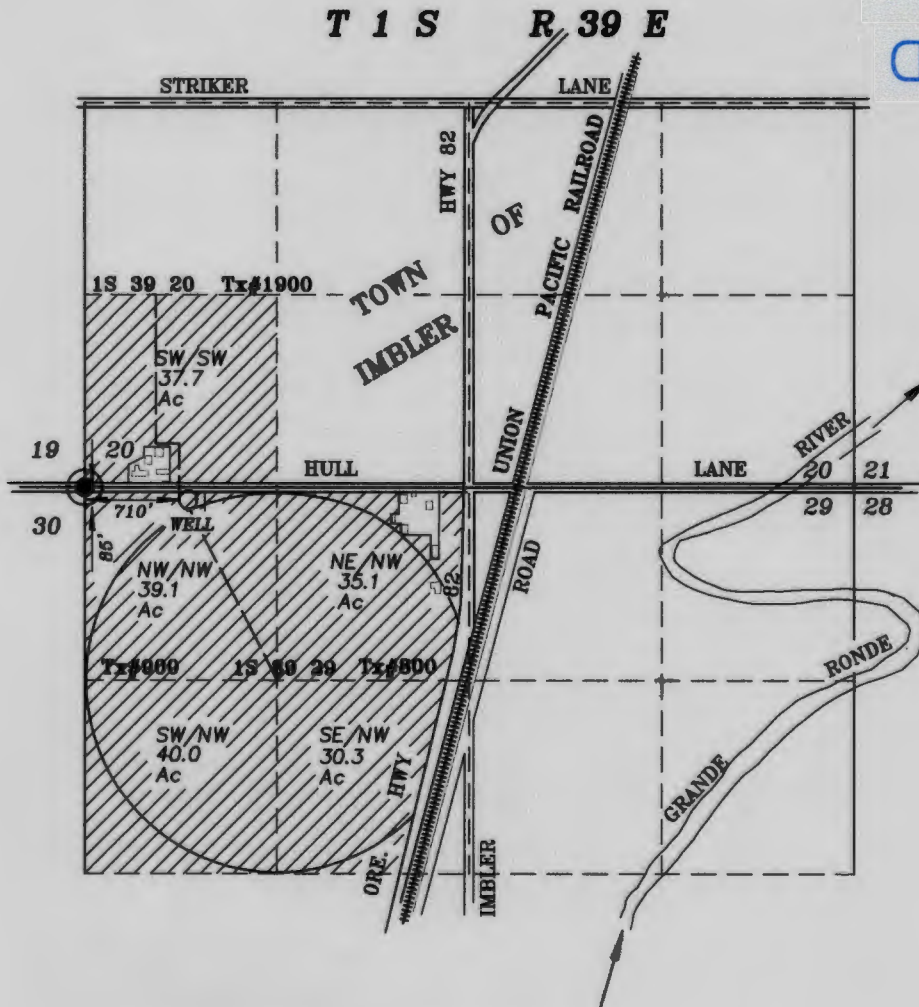
Date

Before you submit your application be sure you have:

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.

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SCALE 1" = 1320'

Lands requesting primary irrigation from new well.

Mainline

Application No. 6-15730
Permit No.

Application map of
Water Rights
for

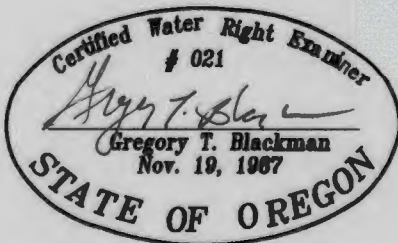
Ross A. Bingaman

BY
BAGETT - GRIFFITH & BLACKMAN
2006 ADAMS AVENUE
LAGRANDE, OREGON 97850

March 25, 2002

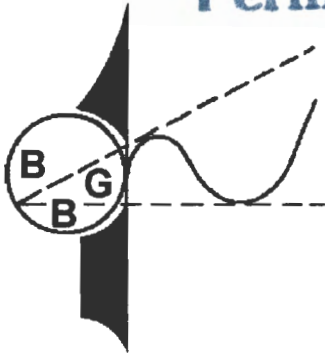
APPLICATION NO. _____

PERMIT NUMBER _____



NOTE: The preparation of this map was for the purpose of identifying the location of the proposed water right and has no intent to provide dimensions or location of property ownership lines. Location information shown hereon was furnished by the applicant.

Application No. 6-15730
Permit No.



BAGETT - GRIFFITH & BLACKMAN
PROFESSIONAL LAND SURVEYORS

2006 Adams Avenue
Phone (541) 963-6092

LaGrande, Oregon 97850
Fax (541) 963-7322

Steve Brown
Water Resources Department
158 12th Street N.E.
Salem, Ore. 97310

March 25, 2002

RE: G- 13123

Dear Steve;

This is the re-application for Permit number G- 13123. In speaking with Ross Bingaman this is what you informed him to do for his new well. This well is very important to Mr. Bingaman's operations. He can not afford to lose the use of this well this year and the crops on the sited land. Because of this we would request that the current Permit G-13123 not be cancelled until this new application is completed. If there is a need for more information or any questions, please feel free to contact me A.S.A.P. so we can take care of it.

P.S.

In the letter from Water Resources it stated that Application G-15575 from the same well is not affected by this cancellation. If this is not true, please let us know as we will need to re-apply for this application also.

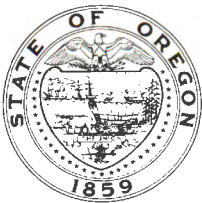
Sincerely;

Gregory T. Blackman CWRE #021
Bagett-Griffith & Blackman

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MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON



Application No. 6-15730
Permit No.

Oregon Water Resources Department
Land Use Information Form

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WATER RESOURCES DEPT.
SALEM, OREGON

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

To Be Completed By Applicant

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

A. Applicant

Name: Russ A. Bingham

Address: 64905 HULL LANE

City: Imbler State: Ore. Zip: 97841 Day Phone: (541) 534-2745

B. Land and Location

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

Tax Lot I.D.	Plan Designation (e.g. Rural Residential/RR-5)	Water to be: (check all that apply)		
<u>153920</u> <u>#1900</u>	<u>Exclusive Agriculture/A-1 Exclusive Farm Use</u>	☒ Diverted	☒ Conveyed	☒ Used
<u>153920</u> <u>#822, 900</u>	<u>Exclusive Agriculture/A-1 Exclusive Farm Use</u>	☒ Diverted	☒ Conveyed	☒ Used
		☐ Diverted	☐ Conveyed	☐ Used

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

Union County

C. Description of Water Use

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

Beneficial Use(s): Irrigation

Briefly describe: Irrigation of multiple crops. Mint, Grass seed, Wheat and Alfalfa.

D. Source

Indicate the source for the proposed water use:

☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water _____ (source)

E. Quantity

Indicate the estimated quantity of water the use will require:

2.27

☒ CFS

☐ GPM

☐ Acre-Feet

For Local Government Use Only

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

A. Allowed Use

Check the appropriate box below and provide requested information.

☒ Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s); 2.02. Go to section B "Approval" below

☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

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

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

B. Approval

Please provide printed name and written signature.

Name: Hanley Jenkins, II Date: 3-25-02

Title: Planning Director Phone: 541-963-1014

Signature: Hanley Jenkins, II

C. Additional Comments

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

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



Application No. 6-15730
Permit No.

Oregon Water Resources Department

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WATER RESOURCES DEPT.
SALEM, OREGON

FORM I

FOR IRRIGATION WATER USE

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

☒ Primary ☐ Supplemental

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

Primary: 182.2 Acres

Supplemental: _____ Acres

List the permit or certificate number of the primary water right:

No. _____

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

- | | | |
|----------------------|---|--|
| 1. <u>Grass Seed</u> | ☒ Full season | ☐ Partial season (from: _____ to _____) |
| 2. <u>Mint</u> | ☒ Full season | ☐ Partial season (from: _____ to _____) |
| 3. <u>Wheat</u> | ☒ Full season | ☐ Partial season (from: _____ to _____) |
| 4. <u>Alf-Alfa</u> | ☒ Full season | ☐ Partial season (from: _____ to _____) |

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

3.0 acre-feet

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

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

- | | |
|---|---|
| ☒ Daily during daytime hours | ☐ Daily during nighttime hours |
| ☐ Two or three times weekly during daytime | ☐ Two or three times weekly during nighttime |
| ☐ Weekly, during daytime hours | ☐ Weekly, during nighttime hours |
| ☐ Other, explain: _____ | |

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Application No. 6-18100
Permit No. ①

MAR 05 2001

UNION
50833WELL I.D. # 46697
START CARD # 114185

40702

STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT.

SALEM, OREGON

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name Ross Kingman
Address F.O. Box 56
City Imble State OR Zip _____

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

(3) DRILL METHOD:
☒ Rotary ☐ Rotary Mud ☐ Cable ☐ Auger
☐ Other Anc. Reverse

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

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☐ Yes ☒ No Depth of Completed Well 192 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE SEAL
Diameter From To Material From To Sacks or pounds
33 in 0 483 cement 0 483 455

How was seal placed: Method ☐ A ☐ B ☒ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 18 in +2 483 375 ☒ ☐ ☒ ☐
Liner: ☐ ☐ ☐ ☐ ☐ ☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:
☒ Perforations Method steel welded
☐ Screens Type _____ Material _____
From To Slot Number Diameter Tele/pipe Casing Liner
334 1078 1/4 in 433183 10 in ☒ ☐
1078 1924 1/4 in 436600 10 in ☒ ☐

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

☐ Pump ☐ Bailor ☐ Air ☒ Flowing
Yield gal/min Drawdown Drill stem at Time
2400 _____ _____ 1 hr.

Temperature of water 83.3 Depth Artesian Flow Found _____
Was a water analysis done? ☐ Yes By whom _____
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County Union Latitude _____ Longitude _____
Township 35 N or S Range 39 E E or W. WM.
Section 29 NW 1/4 NW 1/4
Tax Lot 900 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) 64905 HULL RD.
Imble, OR

(10) STATIC WATER LEVEL:
7 ft. below land surface. Date 6/1/00
Artesian pressure 22 lb. per square inch. Date 1/15/00

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG, OREGON
Ground Elevation _____

Material	From	To	SWL
Top Soil	0	1	
Sand Tan	1	28	
Sand Tan + Clay Tan	28	36	
Clay Tan	36	68	
Clay Tan + Claystone Tan	68	69	
Clay Brown - Soft	69	72	
Sandy Clay Brown + Gravel	72	76	
Sand Brown + Black Black	76	87	
Clay Brown - Soft	87	89	
Sand Brown - Fine	89	93	
Clay Tan - Soft	93	101	
Clay Brown - Soft	101	103	
Gravel 3/8" under	103	106	
Clay Tan - Soft	106	112	
Sandstone Brown	112	115	
Clay Tan - Soft	115	119	
Clay Tan - Dry + Hard	119	125	
Clay Gray Black - Soft	125	130	
Clay Black - Dry + Hard	130	133	
Clay Gray Green - Soft	133	137	

Date started 5/1/00 Completed 1-6-01

(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 1399
Signed Wally Lane Date 2-12-01

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

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MAR 05 2001

UNID
50833

(5)

STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765)
WATER RESOURCES DEPT
SALEM, OREGON
Instructions for completing this report are on the last page of this form.

WELL I.D. # 10077 46702
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method				Material			
				Type		Tel./pipe size			
From	To	Slot size	Number	Diameter				Casing	Liner
								☐	☐
								☐	☐
								☐	☐
								☐	☐
								☐	☐
								☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian
Yield gals/min Drawdown Drill stem at Time

			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
231	238	30 GPM	
246	256	10 GPM	
297	292	30 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay Gray - Dry	225	231	
Sand Coarsest Gravel 3/4"	231	238	
Clay + Sand	238	241	
Clay Green Black	241	246	
Sand Light Green Coarse	246	256	
Clay Brown - Soft	256	267	
Sand Brown - Fine	267	269	
Clay Gray - Soft	269	270	
Clay Tan - Soft	270	278	
Clay Green + Gravel 1/2" under	278	281	
Clay Gray + Sand	281	282	
Clay Green - Hard + Dry	282	289	
Sand Coarse	289	292	
Clay + Sand Gray Green Dry	292	295	
Sand	295	297	
Clay Gray	297	299	
Sand + Wood	299	301	
Clay Gray - Soft	301	302	
Sand + Gravel 1/2" under clay	302	305	
Clay Gray + Wood	305	307	

Date started _____ Completed _____

(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 1399
Signed Walter Lorne Date 2-28-01

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

RECEIVED

Application No. 6-15730

Permit No.

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

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STATE OF OREGON
WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

MAR 05 2001

UNIC
50833

WELL I.D. # L 40677 410702
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

MOLE SEAL
Diameter From To Material From To Sacks or pounds

Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:
Diameter From To Gauge Steel Plastic Welded Threaded

Casing:	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Liner:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

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

From	To	Slot size	Number	Diameter	Tube/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Bailer ☐ Air ☐ Flowing
Yield gals/min Drawdown Drill stem at Time

Yield gals/min	Drawdown	Drill stem at	Time
			1 hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4 _____
Tax lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL
325	327	50 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Clay Gray Green - Dry	307	325	
Clay Gray + Sand Gravel 1 1/2" under	325	327	
Gravel 1 1/2" under	327	329	
Clay Dark Green - Dry	329	331	
Sand + Clay Green	331	332	
Clay Green - soft + hard	332	334	
Clay Green - Soft	334	335	
Clay Gray - Soft	335	337	
Clay Green - Soft + Dry	337	338	
Clay Green - soft + claystone	338	351	
Claystone - Dark Green	351	352	
Clay Green - Soft + Dry	352	356	
Clay Green - Pyrite Flakes	356	358	
Clay Green - Soft + Dry	358	362	
Clay Gray - Soft + Dry	362	368	
Clay Gray - Soft + Claystone	368	390	
Clay Green - Soft + Dry	390	401	
Clay Green - Soft + Dry	401	406	
Sand Green - Cobble	406	408	
Clay Green - Gray - Soft + Hard	408	410	

Date started _____ Completed _____

(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. Material 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 2377
Signed _____ Date 2-28-01

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(5)

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 517.765)

WATER RESOURCES DEPT

Instructions for completing this report are on the back of this form.

WELL I.D. #1. 100TT 4071.2

START CARD # 114185

(1) OWNER: _____ Well Number _____
Name _____

Address _____

City _____ State _____ Zip _____

(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 _____ ft.

Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE

SEAL

Diameter From To Material From To Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter From To Gauge Steel Plastic Welded Threaded

Casing: _____

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____

☐ Screens Type _____ Material _____

From To Slot size Number Diameter Telephone shoe Casing Liner

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____

Township _____ N or S Range _____ E or W. WM.

Section _____ 1/4 _____ 1/4

Tax Lot _____ Lot _____ Block _____ Subdivision _____

Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Clay Gray - Soft + Dry	410	414	
Claystone - Gray Brown	414	419	
Clay Gray - Soft + Hard	419	422	
Clay Brown - Soft	422	426	
Clay Gray - Soft + Dry	426	429	
Clay Green - Soft + Dry	429	430	
Clay Gray Brown - Soft + Dry	430	432	
Clay Green - Soft + Dry	432	436	
Clay Gray - Hard + Dry	436	438	
Clay Green - Hard + Dry	438	440	
Clay Green - Soft + Dry	440	442	
Clay Green + Claystone	442	445	
Clay Brown Gray - Soft + Dry	445	447	
Clay Dark Brown - Soft	447	452	
Clay Brown - Soft + Dry	452	456	
Clay Gray - Soft + Wood	456	462	
Basalt Black	462	488	
Basalt Gray + Some Brown	488		
Gray Clay + Ash		492	
Basalt Brown - Hard	492	493	

Date started _____ Completed _____

(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 1348

Signed W. J. J. J.

Date 2-14-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT
SALEM, OREGON

WELL I.D. # L 40477 40762
START CARD # 114185

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

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

MOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ B

☐ Other _____
Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material			
		Type		Tel./ply size			
From	To	Slot size	Number	Diameter		Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump	☐ Bailor	☐ Air	☐ Flowing
Yield gals/min	Drawdown	Drill stem at	Artesian
			Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Asphalt Red	493	495	
Basalt Black + Shale Brown	495	499	
Shale Brown + Basalt Gray	499		
Some Cinders Red		503	
Cinders Red + Black	503	506	
Basalt Black + Shale Gray	506	508	
Basalt Black + Shale Gray	508		
Green + Cinders Red		511	
Basalt Black + Shale Brown	511	514	
Basalt Black + Shale Green	514		
Gray + Cinders Red		520	
Clay Tan Soft	530	534	
Clay Light Green - Soft	534	536	
Clay Green - Soft	536	537	
Basalt Black "like gravel"	537		
Clay Green - Soft		538	
Clay Green Gray - Soft	538	541	
Clay Brown Green - Soft	541	542	
Clay Brown Green + Basalt Black	542	548	
Clay Tan White + Basalt Black	548	550	

Date started _____ Completed _____

(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. Material's 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 1345
Signed *Walter J. ...* Date 2-18-01

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 337.765)
WATER RESOURCES DEPT
Instructions for completing this report are on the back of this form.

WELL I.D. # L 70497-40722
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

ROD			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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 _____

Casing	Diameter			Gauge	Steel	Plastic	Welded	Threaded
	From	To						

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:									
Method ☐ Perforations ☐ Screens									
From		To		Slot size		Number		Diameter	

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

☐ Pump		☐ Bailor		☐ Air		☐ Flowing	
Yield gal/min		Drawdown		Drill stem at		Time	

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Int _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWI
583	593	42 GPM	
594	611	108 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWI
Basalt Black + Clay Black	550	551	
Clay Tan Gray Basalt	551		
Black "like cinders"		574	
Basalt Black + Spale + Clay	574		
Gray Brown + Red		582	
Basalt Black - Hard	582	583	
Basalt Gray + Clay Gray	583	593	
Basalt Black + Shale Brown	593	594	
Basalt Gray + Shale Gray	594	611	
Basalt Gray + Shale Green	611	623	
Basalt Gray with Brown coat	623	626	
Clay + Claystone Gray	626	627	
Clay Green - Soft	627	628	
Clay Brown - Soft + Dry	628	629	
Basalt Black + Clay	629		
Gray Brown + Yellow Tan		644	
Clay Gray - Soft	644	663	
Clay Gray - Hard + Soft	663	675	
Clay Gray + Claystone	675		
some Cinder Red		684	

Date started _____ Completed _____

(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 15712
Signed Walter Lane Date 2-12-01

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

WELL I.D. # 40997 10702
START CARD # 114185

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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 _____

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:									
Perforations					Screens				
Method					Type				
Material					Tels/pls etc				
From	To	Slot size	Number	Diameter	From	To	Number	Diameter	

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

☐ Pump	☐ Bailer	☐ Air	☐ Flowing
Yield gal/min	Drawdown	Drill stem at	Artesian

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Basalt Brown + Shale Green	788	791	
Basalt Black + Clay Gray	791		
Shale Green		797	
Basalt Black	797	801	
Basalt Gray + Clay Gray	801	808	
Basalt Brown + Clay Brown	808	809	
Basalt Brown + Shale Green	809	811	
Basalt Brown + Clay Brown	811	813	
Basalt Gray + Shale Green	813	815	
Basalt Red + Shale Green	815	818	
Basalt Black + Clay Gray	818	823	
Basalt Gray + Clay or Ash	823	825	
Basalt Black + Clay Gray	825		
Shale Green		826	
Basalt Brown + Clay Brown	826	827	
Basalt Red + Clay Red-Soft	827	829	
Basalt Brown + Clay Brown-Soft	829	831	
Basalt Brown + Clay Tan-Soft	831	832	
Basalt Black + Clay Brown	832	836	
Basalt Brown + Clay Brown	836	837	

Date started _____ Completed _____

(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 2222
Signed Wally Lane Date 2-12-01

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

WATER RESOURCES DEPT
SALEM, OREGON

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

WELL I.D. # 40697 1075-6
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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 _____

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:									
☐ Perforations		Method							
☐ Screens		Type		Material					
From	To	Slot size	Number	Diameter	Telephone size	Casing	Liner		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		

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

☐ Pump	☐ Bailor	☐ Air	☐ Flowing
Yield gals/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL, by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Basalt Black + Shale Green	837	840	
Clay Gray + Tan - Soft	840	846	
Basalt Black + Shale Green	846	850	
Basalt Gray	850	857	
Clay Gray - Soft + Basalt Gray	857	861	
Basalt Gray + some Quartz	861	868	
Basalt Gray + Claystone Green	868	869	
Basalt Gray + White Quartz	869	871	
Basalt Black + Clay Gray	871	875	
Basalt Black + Brown +	875		
Green - Clay Gray		878	
Basalt Gray + Shale Green	878	880	
Cinders Red + Clay Red	880	881	
Basalt Red + Cinders Red +	881		
Clay Red + Quartz White		886	
Basalt Brown + Clay Gray	886	898	
Basalt Red, Brown + Cinders Red	898		
Shale Green + White		904	
Basalt Black + Shale Green	904	907	
Clay Red + Brown - Soft	907	910	

Date started _____ Completed _____

(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 1349
Signed Walter J. Jone Date 2-12-01

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Application No. 6-15730
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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 537.765) WATER RESOURCES DEPT.
Instructions for completing this report are on the back of this form.

WELL I.D. # L 10499 116202
START CARD # 114185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

(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 _____ ft.

Explosives used ☐ Yes ☐ No Type _____ Amount _____

HOLE

SEAL

Diameter	From	To	Material	From	To	Sacks or pounds

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

☐ Perforations Method _____
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Telephone size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☐ Hailer ☐ Air ☐ Flowing
Yield gals/min Drawdown Drill stem at Time

			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W, WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
Clay + Shale "All Colors"	910	913	
Basalt Black + Clay Gray	913	920	
Clay Gray + Green + Basalt Black	920	922	
Clay Green + Shale Green +	922		
Basalt Gray		923	
Basalt Black + Gray + Clay Gray	923	925	
Clay Green + Gray + Basalt Black	925	926	
Basalt Black + Clay Gray	926	927	
Clay Green + Gray + Basalt	927		
Black		928	
Basalt Black + Clay Gray	928	935	
Clay Brown + Green - Soft	935	938	
Basalt Black + Clay Black Soft	938	943	
Basalt Gray + Clay Gray	943	949	
Basalt Gray + Cinders Red	949	951	
Basalt Gray + Clay Gray - Soft	951	970	
Basalt Brown + Quartz Brown	970		
Clay Gray		972	
Basalt Black + Clay Gray +	972		
Quartz White		974	

Date started _____ Completed _____

(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 1297

Signed L. J. Williams

Date 2-12-01

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Application No. 6-15730
Permit No.

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

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WELL I.D. # 1. 1-107672
START CARD # 114185

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. W.M.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____

Artesian pressure _____ lb. per square inch. Date _____

(1) WATER BEARING ZONES:

Depth at which water was first found

From	To	Estimated Flow Rate	SWL
985	987	350 GPM	

(12) WELL LOG:

Ground Elevation

Material	From	To	SWL
Basalt Gray	974	976	
Basalt Brown+Shale Green	976	978	
Basalt Gray+Clay Gray+	978		
Quartz White		981	
Clay Black-Soft	981	983	
Shale Black+Clay Black+Gray	983	984	
Clay Gray+Shale Black	984	985	
Basalt Black+Shale Green	985	987	
Basalt Gray+Clay Gray+	987		
Shale Green		1001	
Basalt Red Brown+Shale Green	1001	1003	
Basalt Black+Clay Gray	1003	1005	
Clay Gray	1005	1006	
Basalt Gray+Clay Gray	1006	1011	
Clay Green-Soft	1011	1017	
Shale Green	1017	1021	
Clay Gray-Soft	1021	1030	
Basalt Black	1030	1036	
Basalt Gray	1036	1044	
Basalt Black	1044	1046	

Final location of shoe(s)

(7) **PERFORATIONS/SCREENS:**

☐ Perforations Method _____

☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Thin/ply size	Casing	Line
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump Yield gals/min	☐ Hailer Deydown	☐ Air Drill stem at	☐ Flowing Artesian Time 1 hr.

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

Date started _____ Completed _____

(unbonded) Water Wet) 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 _____

(bopded) Water Well Constructor Certification:

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

Signed Walter Lane WWC Number 1599 Date 1-14-01

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Application No. *G-15730*
Permit No.

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SALEM, OREGON

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

MAR 05 2001

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WELL ID # L 45477
START CARD # 114185

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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 _____

Casing	Diameter	From	To	Gauge	Material			
					Steel	Plastic	Welded	Threaded
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:									
☐ Perforations Method _____									
☐ Screens Type _____ Material _____									
From	To	Slot size	Number	Diameter	Telephone size	Casing	Liner		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		
						☐	☐		

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

☐ Pump	☐ Bailor	☐ Air	☐ Flowing
Yield gals/min	Drawdown	Drift stem in	Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W, WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWI
1066	1076	30 GPM	
1091	1119	22 GPM	
1150	1153	22 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWI
Clay Green-Soft	1096	1052	
Basalt Black Brown+shale Green	1052	1057	
Basalt Black+Shale Green	1057	1061	
Basalt Gray+Shale Green	1061	1066	
Basalt Black+Cinders Red	1066	1076	
Basalt Gray+Shale Green	1076	1091	
Basalt Gray+Clay Gray	1091	1119	
Basalt Gray Red+Clay Gray	1119	1121	
Basalt Red+Shale Green	1121	1123	
Cinders Red+Shale Green	1123	1143	
Cinders Black+Shale Green	1143	1150	
Basalt Gray+Shale Green	1150	1153	
Basalt Black+Shale Green	1153	1157	
Cinders Red+Black+Shale Green	1157	1161	
Cinders Red+Brown	1161	1163	
Basalt Red+Shale Green	1163	1165	
Basalt Black+Brown	1165	1169	
Basalt Black+Clay Gray	1169	1174	
Basalt Black+Cinders Red	1174	1180	
Basalt Black	1180	1182	

Date started _____ Completed _____

(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 45477
Signed _____ Date 3-12-01

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Application No. 6-15730
Permit No.

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SALEM, OREGON

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WELL ID. # 40597 70 10 12
START CARD # 114183

(9) LOCATION OF WELL by legal description:
 County _____ Latitude _____ Longitude _____
 Township _____ N or S Range _____ E or W. W.M.
 Section _____ 1/4 _____ 1/4 _____
 Tax Lot _____ Lot _____ Block _____ Subdivision _____
 Street Address of Well (or nearest address) _____

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

(11) **WATER BEARING ZONES:**

Depth at which water was first found _____

From	To	Estimated Flow Rate	SWL
1369	1371	25 GPM	

(12) WELL LOG: _____
Ground Elevation _____

Material	From	To	SWL
Basalt Light Gray + Clay Gray	1329	1333	
Basalt Gray + Shale Green	1333	1335	
Basalt Gray + Brown	1335	1337	
Basalt Black + Green	1337	1338	
Basalt Gray + Shale Green	1338	1341	
Basalt Black	1341	1343	
Basalt Gray	1343	1352	
Basalt Black + Shale Green	1352	1353	
Basalt Gray Ves. + Clay Gray	1355	1365	
Basalt Black + Brown +	1365		
Shale Green		1366	
Cinders Red + Brown +	1366		
Shale Green		1368	
Cinders Black + Shale Green	1368	1369	
Basalt Black Ves.	1369	1371	
Basalt Gray Ves. + Shale Green	1371	1373	
Basalt Gray	1373	1383	
Basalt Black + Clay Green	1383	1390	
Clay Gray Soft + Basalt Black	1390	1392	
Basalt Black + Clay Green Hard	1392	1394	

Date started _____ Completed _____

(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 _____

(banded) Water Well Constructor Certification:

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

Signed W. A. Love WWC Number 1597
Date 2-12-00

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SALEM, OREGON

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STATE OF OREGON
WATER SUPPLY WELL REPORT
(as required by ORS 517.765)
WATER RESOURCES DEPT
SALEM, OREGON

WELL ID. # 1. 7277 + 10 112
START CARD # 14185

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE				SEAL			
Diameter	From	To	Material	From	To	Seals or pounds	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:							
Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:							
				Method		Material	
				Type			
From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						☐	☐
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

				Flowing
☐ Pump	☐ Bailer	☐ Air	☐ Artesian	
Yield gals/min	Drawdown	Drill stem	Time	
			1 hr.	

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W WM.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWI
1415	1416	15 GPM	
1525	1535	35 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWI
Basalt Gray+Clay Gray	1394	1401	
Basalt Black+Clay Gray	1401	1404	
Basalt Gray+Clay Gray	1404	1413	
Basalt Black+Brown	1413	1415	
Basalt Black+Shale Green	1415	1416	
Basalt Gray+Clay Gray	1416	1417	
Basalt Black with Brown Cont.	1417		
Shale Green		1421	
Basalt Gray+Clay Gray	1421	1425	
Cinder + Shale All Colors	1425	1450	
Basalt Gray+Clay Gray	1450	1464	
Basalt Gray	1464	1505	
Cinders Red+Shale Green+	1505		
Brown		1519	
Basalt Black+Shale Green	1519	1525	
Basalt Gray+Shale Green	1525	1535	
Basalt Black+Clay Gray	1535	1537	
Basalt Gray+Shale Green	1537	1544	
Basalt Black+Shale Green	1544	1561	
Cinders Red+Shale Green	1561	1563	

Date started _____ Completed _____

(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 1399
Signed Calvin L. Dineen Date 2-12-02

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Application No. 6-15730 RECEIVED
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SALEM, OREGON

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

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WELL I.D. # 114185
START CARD # 114185

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

(1) OWNER: Well Number _____

Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E

☐ Other _____

Backfill placed from _____ ft. to _____ ft. Material _____

Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge Steel	Plastic	Welded	Threaded
Casing:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐
Liner:				☐	☐	☐	☐
				☐	☐	☐	☐
				☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material			
		Type		Tel./ply size			
From	To	Slot size	Number	Diameter	Casing	Liner	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	

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

☐ Pump	☐ Hailer	☐ Air	☐ Flowing
Yield gal/min	Drawdown	Drill stem at	Artesian
			Time
			1 hr.

Temperature of water _____ Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

Did any strata contain water not suitable for intended use? ☐ Too little

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. W.M.
Section _____ 1/4 _____ 1/4
Tax Lot _____ Cont. Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWI
1563	1566	10 GPM	
1617	1620	200 GPM	
1620	1634	300 GPM	

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWI
Basalt Black + Cinders Red	1563	1566	
Basalt + Gray + Shale Green +	1566		
with Calcite White		1614	
Basalt Black + Cinders Red +	1614		
Clay Gray + Quartz White		1615	
Shale Orange Red + Cinders	1615	1617	
Cinders Red	1617	1620	
Basalt Black + Cinders Red	1620	1634	
Basalt Black + Gray	1634	1647	
Cinders Black + Shale Green	1647	1650	
Cinders Green + Shale Green	1650	1673	
Shale Green + Clay Green	1673	1675	
Basalt Black + Shale Green	1675	1708	
Basalt Black + Cinders Black	1708		
Shale Green		1724	
Cinders Black + Red + Basalt	1724		
Black		1763	
Basalt Black	1763	1765	
Cinders Red + Black + Quartz	1765		
Green like Glass		1777	

Date started _____ Completed _____

(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 1349
Signed William J. Jones Date 2-12-01

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Application No 6-15730

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MAR 27 2002

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

MAR 15 2001

WATER RESOURCES DEPT.
SALEM, OREGON

WELL I.D. # 146497
START CARD # 114185

Instructions for completing this report are on the back of this form.

(1) OWNER: Well Number _____
Name _____
Address _____
City _____ State _____ Zip _____

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

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☐ Other _____

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

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

		Method		Material	
		Type		Tels/pipes	
From	To	Slot size	Number	Diameter	Casing
					☐
					☐
					☐
					☐
					☐
					☐

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

☐ Pump	☐ Bailer	☐ Air	☐ Flowing
Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

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

(9) LOCATION OF WELL by legal description:
County _____ Latitude _____ Longitude _____
Township _____ N or S Range _____ E or W. WM. _____
Section _____ 1/4 _____ 1/4 _____
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) _____

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

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

From	To	Estimated Flow Rate	SWL
1845	1924	1241 GPM	

(12) WELL LOG:
Ground Elevation _____

Material	From	To	SWL
Basalt Gray + Green	1777	1784	
Basalt Gray + some Cinders	1784		
Red + Clay Gray		1801	
Basalt Gray Brown Clay Gray	1801	1828	
Basalt Gray + Cinders Red	1828	1831	
Cinders Red + Black + Gray	1831	1833	
Basalt Brown - Red	1833	1842	
Cinders Black + Red + Gray +	1842		
Shale Green		1845	
Basalt Gray	1845	1924	

Date started _____ Completed _____

(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 1349
Signed W. A. L. L. L. Date 2-1-01

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

Application No. 6-15730
Permit No.

RECEIVED
MAR 27 2002
WATER RESOURCES DEPT.
SALEM, OREGON

Read Tax Statements To:
NO CHANGE

After Recording Return To:
D. Charles Mauritz
1300 S.W. Fifth Avenue, Suite 2500
Portland, Oregon 97201

WARRANTY DEED

158641

Ross A. Bingaman and Carrie J. Bingaman, husband and wife, Grantors, convey and warrant to Ross A. Bingaman and Carrie J. Bingaman, as tenants in common, Grantees, the real property situated in Union County, Oregon, and described on Exhibit A attached hereto, SUBJECT TO all restrictions, easements, encumbrances, liens and obligations of record as of the date hereof.

This property is free from encumbrances except those of record as of the date hereof; provided, however, the liability and obligations of Grantors to Grantees and Grantees' heirs and assigns under the warranties and covenants contained herein or provided by law shall be limited to the amount, nature and terms of any indemnification available to Grantors under any title insurance policy. The limitations contained herein expressly do not relieve Grantors of any liability or obligations under this instrument, but merely define the scope, nature and amount of such liability or obligations.

The true consideration for this conveyance is none.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEE TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.950.

Dated this 21 day of March, 1995.

Ross A. Bingaman
Ross A. Bingaman

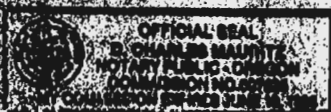
Carrie J. Bingaman
Carrie J. Bingaman

STATE OF OREGON)

County of Baker)

March 21, 1995.

Acknowledged before me by Ross A. Bingaman and Carrie J. Bingaman.



[Signature]
NOTARY PUBLIC FOR OREGON
My Commission Expires _____

63376181\Warrant1.doc

Application No. 6-15730
Permit No.

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

EXHIBIT A

Parcel I

Beginning at the northwest corner of the northwest quarter of Section 29, Township 1 South, Range 39, West of the Willamette Meridian, running thence East 50 rods, thence South 160 rods to the quarter section line in said Section 29, thence West 50 rods to the Southwest corner of the Northwest quarter of said Section 29, thence North along the Section line 160 rods to the place of beginning (containing 49.43 acres, as Imbler).

SUBJECT TO easements for county roads, telephone and electric transmission lines on and across said premises as same appear of record or may now exist.

All situate in Union County, Oregon.

Parcel II

The Southwest quarter of the southwest quarter (SW $\frac{1}{4}$ SW $\frac{1}{4}$), Section 20, in Township 1 South, Range 39 East of the Willamette Meridian, SUBJECT TO road on the south, telephone and electric transmission lines as same appear of record or exist on and across said premises.

Parcel III

All that portion of lots 1, 2, 3, 4, 5, 6, 7 and 8 lying southerly of State Highway No. 82 in THE WILSON ORCHARDS (Plat book 2, page 2, Union county) and situate in the northeast quarter of Section 20, Township 1 South, Range 39 East of the Willamette Meridian, EXCEPTING that portion of lots 5 and 6 of said Wilson Orchards conveyed to State of Oregon, by and through its State Highway Commission by deed recorded in book 102 at page 107, deed records of Union County, Oregon.

Situate in the county of Union, State of Oregon.

Parcel IV

Lots 14 and 15 of BRIDGES AND CLEAVER ORCHARD TRACTS (plat book 2, page 13, Union County), situate in the southeast quarter of Section 17, Township 1 South, Range 39 East of the Willamette Meridian, ALSO:

That portion of the south half of south half of southeast quarter of Section 17, Township 1 South, Range 39 East of the Willamette Meridian, which lies westerly of State Highway No. 82. Subject to easements for county road over and across the west end thereof.

ALL SITUATE IN County of Union, State of Oregon.

Exhibit A - Page 1

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MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

Application No. 6-15730
Permit No.

Parcel V:

Lots 9, 10, 11, 12, 13, 14, 15, 16, 17, 18 and 19 of THE WILSON ORCHARDS (Plat book 2, page 2, Union County) and situate in the northeast quarter of Section 20, Township 1 South, Range 39 East of the Willamette Meridian, ALSO:

That portion of lots 2, 3, 5, 6, 7 and 8 of THE WILSON ORCHARDS (plat book 2, page 3, Union County) and situate in the northeast quarter of Section 20, Township 1 South, Range 39 East of the Willamette Meridian, lying northwesterly of State Highway No. 82.

ALL SITUATE in the County of Union, State of Oregon.

Parcel VI: An undivided one-half interest in this tract:

That portion of Sections 16, 17, 20 and 21, Township 1 South, Range 39 East of the Willamette Meridian described as follows:

Commencing at a point 3,113 feet north of the center of Section 21, Township 1 South, Range 39; thence north on the quarter line 3,340 feet; thence West 1,450 feet to the O.W.R.R. & N. Company right-of-way; thence South 27° 7' West along said right-of-way 3,740 feet to a point due west of the point of beginning; thence East 3,134 feet to the point of beginning.

SITUATE IN the County of Union, State of Oregon.

Parcel VII:

In Township 1 North, Range 39 East of the Willamette Meridian:

Section 22: That portion of the southwest quarter lying easterly of the right-of-way of the Oregon-Washington Railroad and Navigation Company Railroad; the west half of northwest quarter of southeast quarter and a parcel of land in the northeast quarter of northwest quarter of southeast quarter described as follows: commencing at a point 660 feet east and 615 feet north of the southwest corner of northwest quarter of southeast quarter; thence north to the line running through the center of said Section 22; thence east 600 feet; thence southwesterly to the point of beginning.

Section 27: That portion of the west half lying easterly of the centerline of Grande Ronde River; that portion of the west half of northeast quarter lying westerly of the relocated State Highway No. 82; that portion of the northwest quarter of southeast quarter which lies westerly of the relocated State Highway No. 82 and northerly of the centerline of Grande Ronde River; and any portion of the northwest quarter of northeast quarter lying easterly of the east line of State Highway No. 82.

EXHIBIT A, Part 2

Application No. 6-15730
Permit No.

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MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

Partial VIII

In Township 1 South, Range 39 East of the Willamette Meridian:

Section 10: That part of the northeast quarter and that part of the east half of northwest quarter lying southerly and easterly of the county road; EXCEPTING the parcel of land conveyed to Roger Eugene Owen, et ux (deed microfilm no. 47524, Union county), particularly described as follows: commencing at a point on the east line of the county road commonly called the Indian Creek Road, which point is 697 feet south of the intersection of said road with the north line of the northeast quarter of northwest quarter of Section 10, Township 1 South, Range 39 East of the Willamette Meridian; thence following along the east side of the county road south a distance of 115 feet; thence East 120 feet; thence north parallel with the east line of said county road 115 feet; thence West 120 feet to the point of beginning.

ALL SUBJECT TO easements for ditches and utilities as same may now exist or appear of record.

Section 11: The Northeast quarter, the south half of northwest quarter, the south half of north half of northwest quarter, the entire southeast quarter, and the northeast quarter of southwest quarter.

Section 12: The west half of northwest quarter.

Section 13: The northwest quarter of northwest quarter.

Section 14: The east half of northeast quarter.

Sections 20 and 21: Beginning at the center of Section 21 and running thence North 2,113 feet along the north-south centerline of said section; thence West 3,134.5 feet to the east side of the right-of-way of the O.W.R.R. & N. Company Railroad (Joseph Branch); thence southwesterly along the east side of said right-of-way to the intersection with the quarter section line running east and west through the center of said Section 20; thence east on said quarter section line 4,143 feet to the place of beginning. SUBJECT TO roads and utilities as same may now exist.

ALSO an easement for buried pipeline and pump location over, across and under the South 15 feet of that portion of the northeast quarter of said Section 21 which lies westerly of the Grande Ronde River, together with right of ingress and egress thereto for installation, maintenance, repair or replacement of said pipeline and pump, said easement being appurtenant to above-described premises.

ALL SITUATE in the County of Union, State of Oregon.

EXHIBIT A (Form 11-24)

EXHIBIT A, Page 3

STATE OF OREGON

County of Union

I, _____, County Clerk of Union County, Oregon, do hereby certify that the foregoing is a true and correct copy of the original of said _____, as the same appears from the records of said County.

Witness my hand and the seal of said County, this _____ day of _____, 19____.

By _____, County Clerk of Union County, Oregon.

6/18/98

Application No. 6-15730
Perm. No.

RECEIVED

MAR 27 2003

WATER RESOURCES DEPT.
SALEM, OREGON

Send Tax Statements To:
NO CHANGE

After Recording Return To:
D. Charles Mauritz
1300 S.W. Fifth Avenue, Suite 2300
Portland, Oregon 97201

WARRANTY DEED

158643

Rose A. Bingaman and Carrie J. Bingaman, individually and as husband and wife, Grantors, convey and warrant to Rose A. Bingaman and Carrie J. Bingaman, as tenants in common, Grantees, their respective undivided interest in the real property situated in Union County, Oregon, and described in Exhibit A attached hereto, SUBJECT TO all restrictions, easements, encumbrances, liens and obligations of record as of the date hereof.

This property is free from encumbrances except those of record as of the date hereof; provided, however, the liability and obligations of Grantors to Grantees and Grantees' heirs and assigns under the warranties and covenants contained herein or provided by law shall be limited to the amount, nature and terms of any indemnification available to Grantors under any title insurance policy. The limitations contained herein expressly do not relieve Grantors of any liability or obligations under this instrument; but merely define the scope, nature and amount of such liability or obligations.

The true consideration for this conveyance is none.

THIS INSTRUMENT WILL NOT ALLOW USE OF THE PROPERTY DESCRIBED IN THIS INSTRUMENT IN VIOLATION OF APPLICABLE LAND USE LAWS AND REGULATIONS. BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON ACQUIRING FEEL TITLE TO THE PROPERTY SHOULD CHECK WITH THE APPROPRIATE CITY OR COUNTY PLANNING DEPARTMENT TO VERIFY APPROVED USES AND TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.030.

Dated this 21 day of March, 1995.

Rose A. Bingaman
Rose A. Bingaman

Carrie J. Bingaman
Carrie J. Bingaman

STATE OF OREGON)

) ss.

County of Baker)

March 21, 1995.

Acknowledged before me by Rose A. Bingaman and Carrie J. Bingaman.



D. Charles Mauritz
NOTARY PUBLIC FOR OREGON
My Commission Expires _____

WARRANTY DEED

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT.
SALEM, OREGON

6-15730

Application No.
Permit No.

EXHIBIT A

The northwest quarter of Section 29, Township 1 South, Range 39 East of the Willamette Meridian, except the west 50 rods of said subdivision, and excepting land conveyed to the State Highway Commission, Union County deed book 152, page 56, and further excepting that part of the legal subdivision lying east of the right-of-way held by Oregon Washington Railroad and Navigation Company (Joseph Branch), and subject to county roads and easements as the same appear of record.

STATE OF OREGON

County of Union

I certify that the foregoing was
received and recorded in the
proper office of the County Clerk
of Union County, Oregon.
by _____
DOCK _____
ROBERT _____
6/16/98

Application No. 6-15730
Permit No.

RECEIVED

MAR 27 2002

WATER RESOURCES DEPT
SALEM, OREGON

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **116966**

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

INVOICE # _____

RECEIVED FROM: A. Wade & Angela

BY: Bingaman

APPLICATION	<u>C-5730</u>
PERMIT	
TRANSFER	

CASH: ☐ CHECK: ☒ 3853 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 175.00

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	\$
0410 RESEARCH FEES	\$
0408 MISC REVENUE: (IDENTIFY)	\$
TC162 DEPOSIT LIAB. (IDENTIFY)	\$
0240 EXTENSION OF TIME	\$

WATER RIGHTS:

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$
0205 TRANSFER	\$		\$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$

0200 OTHER (IDENTIFY) Claim of Beneficial Use 175.00

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: **116966**

DATED: 8/12/15 BY: [Signature]

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT # **51668**

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

INVOICE # _____

RECEIVED FROM: Ross Bingham
BY: _____

APPLICATION	G-15730
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 24-22 ☒ OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 625.00

0417 WRD MISC CASH ACCT

ADJUDICATIONS

\$

PUBLICATIONS / MAPS

\$

OTHER: (IDENTIFY) _____

\$

OTHER: (IDENTIFY) _____

\$

REDUCTION OF EXPENSE

CASH ACCT.

\$

PCA AND OBJECT CLASS

VOUCHER #

0427 WRD OPERATING ACCT

MISCELLANEOUS

0407 COPY & TAPE FEES

\$

0410 RESEARCH FEES

\$

0408 MISC REVENUE: (IDENTIFY) _____

\$

(New) TC162 DEPOSIT LIAB. (IDENTIFY) _____

\$

WATER RIGHTS:

0201 SURFACE WATER

EXAM FEE

\$

0202

RECORD FEE

\$

0203 GROUND WATER

\$ 625.00

0204

\$

0205 TRANSFER

\$

0206

\$

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR

EXAM FEE

\$

0219

LICENSE FEE

\$

LANDOWNER'S PERMIT

0220

\$

OTHER (IDENTIFY) _____

0437 WELL CONST. START FEE

0211 WELL CONST START FEE

\$

CARD #

0210 MONITORING WELLS

\$

CARD #

OTHER (IDENTIFY) _____

0539 LOTTERY PROCEEDS

1302 LOTTERY PROCEEDS

\$

0467 HYDRO ACTIVITY

LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)

\$

0231 HYDRO LICENSE FEE (FW/WRD)

\$

HYDRO APPLICATION

\$

RECEIPT # **51668**

DATED: 3/27/02

BY: Connie Vance

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