

Name G-17036
By JEFFREY RIGGS
Address BARBARA RIGGS
PO BOX 122
DAYVILLE OR 97825

Application No. G17036
Permit No. G-16543 G 17224
Certificate No. _____

FEEES PAID

Date	Amount	Receipt No.
4/10/08	800.00	92063
7.2.09	300.00	97064
12-5-10	515.00	122044
	Cert. Fee	

DENIED _____

MISFILED _____

WITHDRAWN _____

CANCELLED _____

Volume Page

FEEES REFUNDED

Date	Amount	Receipt No.

Priority ARR 10 2008
County GRANT WM# 4

RELATED FILES

ASSIGNMENTS

Date	To Whom	Address

DEVELOPMENT

Date

Completion 7-23-2014

Extended to 10-1-2022

Final Proof received _____

Proposed Cert. Mailed _____

REMARKS T11694 Δ APOA v. 92 p. 509

MAP LOCATION _____

APR 10 2008

WATER RESOURCES DEPT
SALEM, OREGON

ATTENTION:

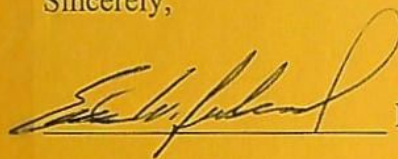
Dear Customer Service Group,

The Staff off the Watermaster's Office in District 4 has assisted with the preparation of this application or map.

If there are any questions or problems with this application or map please contact the following staff person Eric Julrud at 541-575-0119 for additional information.

Thank you for your assistance,

Sincerely,

 Date: 3/21/2008

Watermaster Office, District 4
201 South Humbolt St., Ste 180
Canyon City, Or 97820
Voice: 541-575-0119
Fax: 541-575-0641

3m2851

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

JEFFERY S. RIGGS G-17036
PO BOX 122
DAYVILLE, OR 97825



9590 9402 1496 5329 9727 39

2. Article Number (Transfer from service label)

7016 0340 0000 9901 9582

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☒ Addressee

B. Received by (Printed Name)

STEVE RIGGS

C. Date of Delivery

9/12/16

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☒ No

SEP 15 2016

OWRD

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

RECEIPT #

97064

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

INVOICE #

RECEIVED FROM:

Jeff S + Barbara E. Biggs

APPLICATION

G-17036

BY:

PERMIT

TRANSFER

CASH:

CHECK:#

OTHER: (IDENTIFY)

☐

☒ *1323*

☐

TOTAL REC'D

\$ *300.00*

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:

EXAM FEE

RECORD FEE

0201 SURFACE WATER

\$

0202

\$

0203 GROUND WATER

\$

0204

\$ *300.00*

0205 TRANSFER

\$

WELL CONSTRUCTION

EXAM FEE

LICENSE FEE

0218 WELL DRILL CONSTRUCTOR

\$

0219

\$

LANDOWNER'S PERMIT

0220

\$

OTHER (IDENTIFY)

0536 TREASURY 0437 WELL CONST. START FEE

0211 WELL CONST START FEE

\$

CARD #

0210 MONITORING WELLS

\$

CARD #

OTHER (IDENTIFY)

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

0233 POWER LICENSE FEE (FW/WRD)

\$

0231 HYDRO LICENSE FEE (FW/WRD)

\$

HYDRO APPLICATION

\$

TREASURY OTHER / RDX

FUND TITLE

OBJ. CODE VENDOR #

DESCRIPTION

\$

RECEIPT:

97064

DATED:

7.2.09

BY:

LSB

WR

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E. Ste. A
SALEM, OR 97301-4172

(503) 986-0900 / (503) 986-0904 (fax)

RECEIPT # **92063**

INVOICE # _____

 RECEIVED FROM: JEFFERSON RIGGS & BARBARA E RIGGS
 BY: _____

APPLICATION	617036
PERMIT	
TRANSFER	

 CASH: ☐ CHECK: # 1012 OTHER: (IDENTIFY) ☐
TOTAL REC'D \$ 800.00**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407 COPIES	<u>PLA 46111</u>	\$
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	\$ <u>800.00</u>	0204	\$
0205 TRANSFER	\$		

WELL CONSTRUCTION

0218 WELL DRILL CONSTRUCTOR	EXAM FEE	0219	LICENSE FEE
LANDOWNER'S PERMIT	\$	0220	\$
OTHER (IDENTIFY)			

0536 TREASURY 0437 WELL CONST. START FEE

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

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

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

TREASURY OTHER / RDX
 FUND _____ TITLE _____
 OBJ. CODE _____ VENDOR # _____
 DESCRIPTION _____

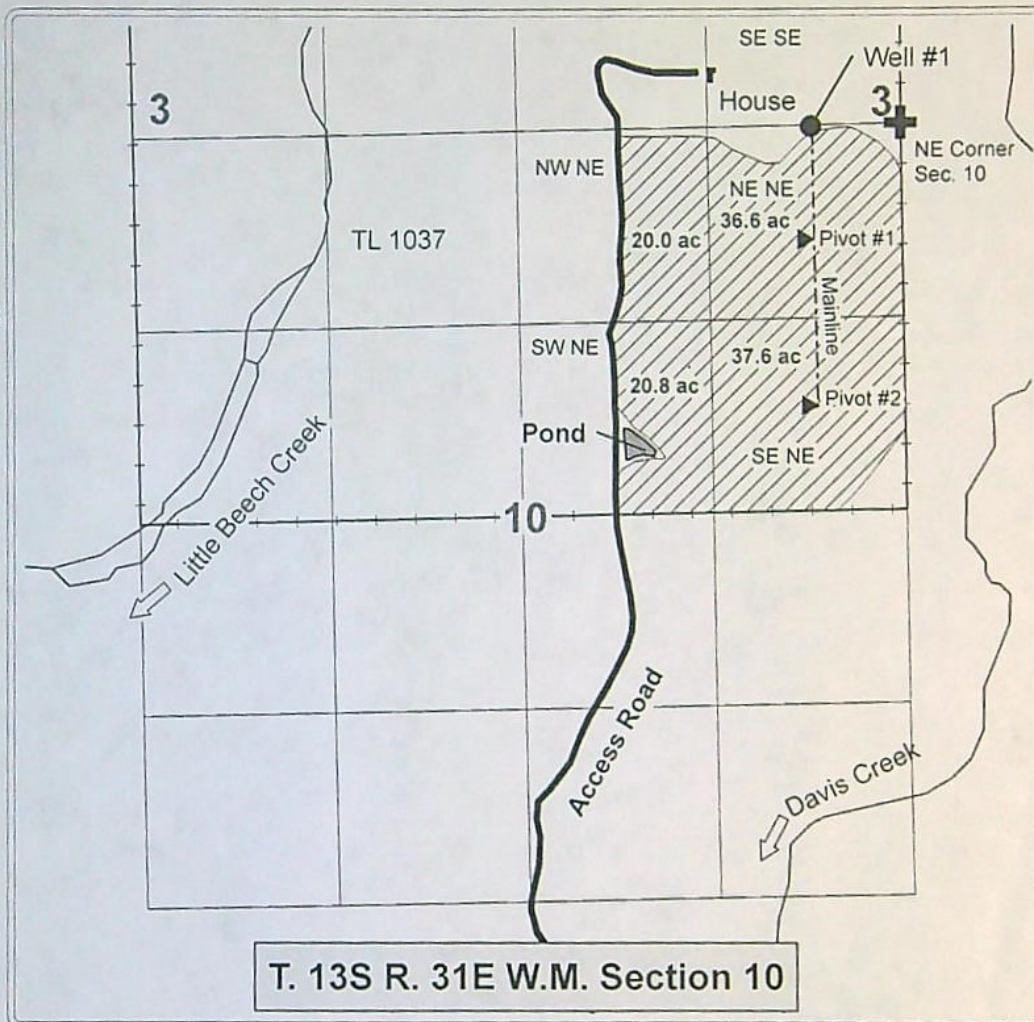
\$ _____

RECEIPT: **92063**DATED: 4/10/08BY: [Signature]

Application Map For Jeff and Barbara Riggs

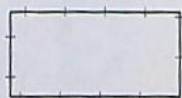


1 inch = 1320 feet



T. 13S R. 31E W.M. Section 10

The proposed well will be located 20 feet south and 620 feet west of the north east corner of section 10, T. 13S R. 31E W.M. being in the NE 1/4 of the NE 1/4 of section 10, T. 13S R. 31E W.M.



Tax Lot Boundary



Proposed Irrigation

RECEIVED

APR 10 2008

WATER RESOURCES DEPT
SALEM, OREGON

App No G-17036 Permit No G-16543

Oregon Water Resources Department
Water Right Services Division

Application for Extension of Time

In the Matter of the Application for an Extension of Time	)	
for Permit G-17224, Water Right Application G-17036, in the	)	FINAL ORDER
name of Jeffrey S. and Barbara E.F. Riggs	)	

Permit Information

Application:	G-17036
Permit:	G-17224
Basin:	6 – John Day / Watermaster District 4
Date of Priority:	April 10, 2008
Source of Water:	Wells 1 and 2 in Little Beech Creek Basin
Purpose or Use:	Irrigation use on 115.0 acres
Maximum Rate:	1.25 cubic feet per second (cfs)

This Extension of Time request is being processed in accordance with Oregon Revised Statute 537.630 and 539.010(5), and Oregon Administrative Rule Chapter 690, Division 315.

Appeal Rights

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

Application History

Permit G-16543 was issued by the Department on July 23, 2009, and modified by Permit Amendment T-11694 on May 7, 2014. Superseding Permit G-17224 was issued by the Department on May 7, 2014. The permit specified completion of construction and complete application of water to beneficial use by July 23, 2014. On December 5, 2016, Jeffrey S. and Barbara E.F. Riggs submitted an Application for Extension of Time for Permit G-17224. In accordance with OAR 690-315-0050(2), on January 24, 2017, the Department issued a Proposed Final Order proposing to extend the time to complete construction to October 1, 2022, and the time to fully apply water to beneficial use to October 1, 2022. The protest period closed March 10, 2017, in accordance with OAR 690-315-0060(1). No protest was filed.

FINDINGS OF FACT

The Department adopts and incorporates by reference the findings of fact in the Proposed Final Order dated January 24, 2017.

At time of issuance of the Proposed Final Order the Department concluded that, based on the factors demonstrated by the applicant, any comments received, and information within the file, the permit may be extended subject to the following conditions:

LIMITATIONS AND CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Progress Report Form to the Department by **October 1, 2021**. *A form will be enclosed with your Final Order.*

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

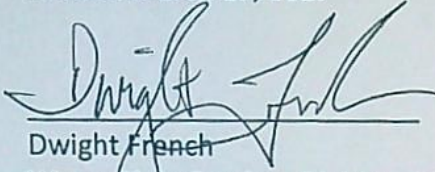
CONCLUSION OF LAW

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

ORDER

The extension of time for Application G-17036, Permit G-17224, therefore, is approved subject to conditions contained herein. The deadline for completing construction is extended from July 23, 2014 to October 1, 2022. The deadline for applying water to full beneficial use within the terms and conditions of the permit is extended from July 23, 2014, to October 1, 2022.

DATED: March 17, 2017



Dwight French

Water Right Services Division Administrator, for
Thomas M. Byler, Director
Oregon Water Resources Department

-
- If you have any questions about statements contained in this document, please contact the Permit Extension Specialist at (503) 986-0825.
 - If you have other questions about the Department or any of its programs, please contact our Water Resources Customer Service Group at (503) 986-0900
-

Mailing List for Extension FO Copies

FO Date: March 17, 2017

Copies Mailed

Application: G-17036

By: SP

Permit: G-17224

On: 3-17-17

Original mailed to permit holder

Jeffrey S. and Barbara E.F. Riggs
Po Box 122
Dayville, OR 97825

Copies sent to:

1. WRD - App. File G-17036/ Permit G-17224
2. Water Right Services, LLC
John Short
PO Box 1830
Bend, OR 97709

Fee paid as specified under ORS 536.050 to receive copy:

3. None

Receiving notification via e-mail - FO available in WRIS for review
(DONE BY EXTENSION SPECIALIST)

4. WRD - Watermaster District 4, Eric Julsrud

If Progress Reports are included:

(DONE BY EXTENSION SPECIALIST)

Add record to Progress Report tracking sheet.xls Done: by CC Date 3-16-17

CASEWORKER: CAC

**STATE OF OREGON
WATER RESOURCES DEPARTMENT**

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

RECEIPT # **122044**

INVOICE # _____

RECEIVED FROM: Grand View
BY: Ranch LLC

APPLICATION	G-17036
PERMIT	
TRANSFER	

CASH: ☐ CHECK: # 1240 OTHER: (IDENTIFY) ☐

TOTAL REC'D \$ 575.00

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	\$ <u>575.00</u>

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	\$

OTHER (IDENTIFY) _____

0536 TREASURY 0437 WELL CONST. START FEE

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

OTHER (IDENTIFY) _____

0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER

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

TREASURY OTHER / RDX

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

RECEIPT: **122044** DATED: 12-5-16 BY: Jelicio B.



Oregon
Kate Brown, Governor

Water Resources Department
725 Summer St NE, Suite A
Salem, OR 97301
(503) 986-0900
Fax (503) 986-0904

December 6, 2016

REFERENCE: Application for Extension of Time

Dear Extension of Time Applicant:

The Water Right Services Division has received your application for an extension of time for **APPLICATION FILE #: G-17036 (Permit G-17224)**. Your application will be reviewed in the future. Following the review, you will receive a Proposed Final Order either approving or rejecting the extension of time request. A 45-day protest period begins upon issuance of the Proposed Final Order. After the protest period closes, a Final Order is issued.

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

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

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

Application: G-17036

Permit: G-17224

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

Applicant/Permit

Holder(s)

Jeffrey S. and Barbara E.F. Riggs ✓

☒ WRIG...Money Received on: 12.5.16

☐ Extension Specialist ...

☒ Added to tracking spreadsheet

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

☒ Stacy Phillips...

☒ ~~NA~~ Recent Assignment (Check WRIS for Update)

☒ Publish on Public Notice (initial 30-day comment): Date of
notice 12.13.16

☒ Update WRIS Database

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

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

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

Corey

NOTES:

Extension PFO Checklist for Other than Muni or Quasi-Municipal

Water Use Permits
(OAR 690-315-0010 through OAR 690-315-0060)

Application: G-17036 Permit: G-17224 Permit Amendment? No ☐ Yes ☒ T-11694 ☐ pending ☒ approved
Permit Holder's Name: Jeffreys and Barbara E F Riggs APOA May 7, 2014

Permit Holder's Mailing Address: PO Box 122 Dayville OR 97825

email _____

Phone Number: _____

Agent/CWRE John Short

Drainage Basin: 6 County: Grant Watermaster District: 4 Watermaster: Eric Julsrud
John Day

NCR
M. Ladd

Date Permit was issued: May 7, 2014 Priority Date: April 10, 2008 Date of PN: 12-13-16 Permit 6-16543
Source: Wells land 2 in Little Beech Creek Basin issued July 23, 2009

Use: 12 use on 115.0 a

"Q": 1.25 cfs

Orig "A" Date: None Orig "B" Date: July 23, 2014 Orig "C" Date: July 23, 2014

Extension request received: 12-5-16 Last Authorized Date: _____ "C" Date: _____

Request Number (1, 2, 3...): 1 Proposed "B" Date: 2022 Proposed C Date: 2022

Conditions of Permit:

Condition Met?	Condition Not Met?	Permit Condition
☒	☐	Begin construction: <u>GRAN 51699 9-2-11/9-17-11</u> <u>GRAN 51165 9-21-13/10-10-13</u>
☐	☒	TFM each POA (<u>9-17-11 well 1</u>) (<u>no TFM on well 2</u>)
☒	☐	Annual water use report (<u>well 1 2015</u>) (<u>W2 14, 15</u>) <u>Well ID Tag</u>
☐	☒	<u>March SWL</u>
☒	☒	<u>Wells cont. cased + sealed > 350 ft bls (Both wells not cont. sealed to min. of 350)</u>

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

Yes No

- ☒ ☐ Work was accomplished within the time allowed in the permit or previous extension
☐ ☒ Water right permit holder conformed with the permit or previous extension conditions
☒ ☐ Beneficial use made of the water during the permit or previous extension time limits

- Permit holder has beneficially used 1.25 cfs/gpm/af of the total permitted quantity of water on 115.0 acres

- ☒ ☐ Financial investments were made toward developing the beneficial water use.

- Amount Invested to date: \$ 255,000 Estimated Remaining Cost: \$ 0

GW REVIEW: Y ☒ CC

MITIGATION REVIEW: Y ☒

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

Application _____ Permit _____ Township _____ Range _____ Section _____

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

Identify the closest surface water or localized water basin.

Little Beach Creek

Ground Water Permits: Is the POA located...

Surface Water Permits: Is the POD located...

Yes No

☒ ☐ above a state scenic waterway? above John Day Saw Source: OWRD "Areas Above State Scenic Waterways" Map

☐ ☒ within a stream segment designated as a federal wild and scenic river? Source: www.rivers.gov/wildriverslist.html

☐ ☒ within a critical or limited Ground Water Area? Name of area _____

☒ ☐ within a sensitive, threatened or endangered species area source: "/>

☐ ☒ in a waterbody listed on the DEQ Section 303(d) List of Water Quality Limited Areas? Date added to list _____

☒ ☐ within an area ranking low / moderate / high Highest (circle one) for stream flow restoration needs Source: OWRD "Streamflow Restoration Maps (by region)"

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

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

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

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

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

☒ 5-year Progress Report Checkpoints (Years: 2021)

☒ Other: No water use until wells are sealed per permit condition

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

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

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

☐ **COBU Requirement - Surface Water - post July 9, 1987**

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

☒ **COBU Requirement - Ground Water - post July 9, 1987**

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

NOTES:

Extension "PFO" Dates

Mailing / Issuance Date: 1/17

Protest Deadline Date: 3/3

FO Issuance Date: 3/10

Reviewer's Name: Corey

Date: 12-6-16

Completeness Checklist for Permit Extension of Time Application

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

- ☒ 1. Is the permit to be extended Non-Cancelled according to WRIS and the permit file? yes
 If the permit has been cancelled, the Extension Application cannot be accepted.
- ☒ 2. Is the extension applicant's name and mailing address the permit holder of record? yes
 If an Assignment has **not** yet occurred, and is **not** submitted with the Extension of Time Application, the application cannot be accepted.
- ☒ 3. Did Construction begin on or before the "A" date (Actual Construction date), If no "A" date then by the "C" date (Completion Date)? yes
 IF NO, Return application, The Extension cannot be granted.
- ☒ 4. Pull the permit file. If a copy of the permit is not in the file, pull up an image of the permit in WRIS.
- ☒ 5. Is the appropriate Extension of Time Application used? yes
 If the wrong application form is used, the Extension Application cannot be accepted.
 - If a Municipal or Quasi-Municipal permit, use: "Application for Extension of Time for Municipal and Quasi-Municipal Water Use Permits."
 - If a NON-Municipal or NON-Quasi-Municipal permit, use: "Application for Extension of Time for a Water Right Permit (Non-Municipal / Non-Quasi-municipal Water Use)."
- ☒ 6. Are the requested date(s) for extension identified (Page 1)? yes
 • Check the permit to see if it includes a "B-Date" and/or a "C-Date."
 "B-Date" = date by which construction of the water delivery system for the permit is to be completed.
 "C-Date" = date by which full beneficial use of water under the permit is to be accomplished AND CONSTRUCTION MUST BEGIN by if no "A" DATE.
- ☒ 7. Is the Extension Application signed (with an original signature) by permit holder(s) of record or an authorized agent? yes
 (If signed by agent, documentation from the permit holder(s) granting authorization for the agent to sign on their behalf must be provided or be present and current in the permit file.)
 If **not** signed by a permit holder of record or authorized agent, the Extension Application cannot be accepted.
- ☒ 8. Are all questions on the application answered? yes
 (NOTE: Supporting documentation such as: copies of the permit, well log(s), annual water use reports, static water level measurement reports, evidence demonstrating construction/work/water use accomplished, etc. may be included.)
- ☒ 9. Has the \$575 fee been paid? yes
 *If applicable, has the \$85 fee for the Assignment been paid? _____
 (As of July 1, 2013, the Extension of Time fee is \$575, and Request for Assignment fee is \$85)
 If the fee has NOT been paid, the application cannot be accepted.
 **NOTE: If the fee is the only item missing, contact the applicant to see if they can submit the fee with the next few days. If the applicant commits to submitting the fee within one week, hold the Extension Application, and explain to them that if it is not received the application will be returned (as we are required to keep any application, regardless of how complete, if retained by the Department as long as two weeks).
- ☐ 10. If after completing this checklist, it is not clear whether the application can be accepted, please route both the money slip and Non-Muni Extension Application to Machele Bamberger or Corey Courchane. For municipal application route to, Machele Bamberger. One will either: 1) accept the application; 2) return the application; or 3) prepare a deficiency letter.

Reviewed by: Corey Date: 12-6-16

Water Use Report from OWRD Water-Use Database (Some paper records may not have been entered)
Summarized by Water Year

1

user_id	owner	water use report_id	pod_facility_name	Logid (wells only)	Water Year	Water Used (acre feet)	Nbr of Months in Summary
30397	JEFFERY & BARBARA RIGGS	63826	WELL 1 (L-96838)		2013	0.00	12
30397	JEFFERY & BARBARA RIGGS	63826	WELL 1 (L-96838)		2015	17.28	12
30397	JEFFERY & BARBARA RIGGS	63826	WELL 1 (L-96838)		2016	4.16	1

Water Use Report from OWRD Water-Use Database (Some paper records may not have been entered)
Summarized by Water Year

1

user_id	owner	water use report_id	pod_facility_name	Logid (wells only)	Water Year	Water Used (acre feet)	Nbr of Months in Summary
30397	JEFFERY & BARBARA RIGGS	66207	WELL 2 (L-109972)	GRAN 51165	2015	63.03	12
30397	JEFFERY & BARBARA RIGGS	66207	WELL 2 (L-109972)	GRAN 51165	2016	12.50	1

COURCHANE Corey A * WRD

From: johnshort@usa.com
Sent: Tuesday, December 20, 2016 10:06 AM
To: COURCHANE Corey A * WRD
Subject: Re: Jeffrey S and Barbara E F Riggs, Permit G-17224, Extension request
Attachments: App_Ext_WR_perm RIGGS RANCH- (2).pdf

Hi Corey,

Only a single original meter was installed so I changed "meters" to "meter" and attached updated page 6. In this off the grid application, Mr. Riggs has his partial pivot sized to 250 gallons per minute running solely from well #2. On his full pivot, it is sized for 350 gallons per minute requiring both wells 1 & 2. His single motor-generator set runs both wells so he logs run time from its single meter giving him usage from each well (as he's measuring applied water to each pivot). Total run time X 250 gpm = Well #2 usage, full pivot run time X 100 gpm = Well #1 usage.

Thanks,
John

John A. Short CCB# 197121

541-389-2837

Water Right Services, LLC
PO Box 1830
Bend, OR 97709
johnshort@usa.com
oregonwater.us

On Dec 16, 2016, at 1:39 PM, COURCHANE Corey A * WRD
<Corey.A.Courchane@oregon.gov> wrote:

Good afternoon John,

I'm working on the PFO for this application, and I had a question concerning the meters. Chart A, Page 5 identifies an installation date of 2011, and Chart-B, Page 6 identifies 9-17-11, meters installed. However Well 2 wasn't completed until October 10, 2013. Is this a typo on the date and does Well 2 have a totalizing flow meter installed? If so, please correct this page, and just scan and email back to me. If you have any questions or concerns, please contact me.

Thank you,

Corey A Courchane

COREY A COURCHANE | EXTENSION SPECIALIST

Water Resources Department | 725 Summer St. NE, Suite A | Salem, Oregon 97301

Ph: 503 986-0825 | Fax: 503 986-0901

Email: corey.a.courchane@oregon.gov | Web: <http://www.oregon.gov/OWRD>

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

GRAN
51099

RECEIVED
GRAN 51099

JUL 18 2011

WELL LABEL # L 96838

START CARD # 1014528

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

(1) LAND OWNER
First Name Jeff Last Name Riggs
Company
Address PO Box 120
City Dayville State OR Zip 97825

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

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

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standard: ☐ Yes (attach copy)
Depth of Completed Well 465 ft.

BORE HOLE			SEAL			Amount	Scks/lbs
Dia	From	To	Material	From	To		
14	0	225	Cement	45	225	70	SCKS
10	225	475	3/8 chips	0	45	48	SCKS
6	475	504					

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

☒ Other Bentonite chips poured dry

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

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: ☐ Yes Type _____ Amount _____

(6) CASING/LINER

Casing	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		10	2	0	225	.250	X		X	
	X	8	2	0	450	SPR-17		X		X

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s) _____

Temporary casing ☐ Yes Diameter _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method Factory slot

Screens Type _____ Material PVC

Perf	Scm	Casing	Linr	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Tele/ pipe size
X		X		8	370	450	.032	Commercial		

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

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min 100 Drawdown 290 Drill stem/Pump depth 390 Duration (hr) 2

Temperature 63 °F Lab analysis ☐ Yes By _____

Water quality concerns? ☐ Yes (describe below)

From _____ To _____ Description _____

From	To	Description

(9) LOCATION OF WELL (legal description)
County Grant Twp 13 N or S 31 E or W W.M.
Sec 10 NE 1/4 of the NE 1/4 Tax Lot 1037
Tax Map Number _____ Lot _____

Lat _____ " or _____ DMS or DD

Long _____ " or _____ DMS or DD

Street Address of Well (or nearest address) Davis Creek Rd John Day

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening				
Completed Well	<u>9.17.2011</u>			<u>100</u>

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES Depth water was first found _____

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
<u>Aug 14</u>	<u>105</u>	<u>180</u>	<u>45</u>			<u>98</u>
<u>Sept 13</u>	<u>464</u>	<u>465</u>	<u>150+</u>			<u>100</u>

(11) WELL LOG

Ground Elevation _____

Material	From	To
<u>last boulders</u>	<u>0</u>	<u>3</u>
<u>brown hard dry clay</u>	<u>3</u>	<u>5</u>
<u>red sandy clay</u>	<u>5</u>	<u>10</u>
<u>white baked clay</u>	<u>10</u>	<u>11</u>
<u>black rock, basalt</u>	<u>11</u>	<u>65</u>
<u>brown sticky clay</u>	<u>65</u>	<u>95</u>
<u>grey clay w/ sand gravel</u>	<u>95</u>	<u>180</u>
<u>brown clay</u>	<u>180</u>	<u>195</u>
<u>grey claystone</u>	<u>195</u>	<u>464</u>
<u>black basalt badly fractured</u>	<u>464</u>	<u>604</u>

Note @ the time had filled in 39' at the bottom

Date Started 9-2-2011 Completed 9-17-2011

(unbonded) Water Well Constructor Certification

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

License Number 1896 Date 10-17-11

Signed Tony Gladett

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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.

License Number 1899 Date 10-17-11

Signed Lump-Singling

Contact Info. (optional)

RECEIVED

NOV 23 2011

WATER RESOURCES DEPT
SALEM, OREGON

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

GRANT COUNTY

JUL 18 2011

WELL LABEL # L 96838

START CARD # 1014528

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

(1) LAND OWNER
First Name Jeff Owner Well I.D. SALEM, OREGON
Last Name Riggs
Company
Address P.O. Box 120
City Dayville State OR Zip 97825

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

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

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standard: ☐ Yes (attach copy)
Depth of Completed Well 465 ft.

BORE HOLE			SEAL			Amount	Seks/lbs
Dia	From	To	Material	From	To		
14	0	225	Cement	45	225	70	SCKS
10	225	475	3/8 chips	0	45	48	SCKS
6	475	504					

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

☒ Other Bentonite chips poured dry

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes Type Amount

(6) CASING/LINER

Casing	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		10	2	0	225	.250	X		X	
	X	8	2	0	450	SPR-17		X		X

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)

Temporary casing ☐ Yes Diameter From To

(7) PERFORATIONS/SCREENS

Perforations Method Factory slot

Screens Type Material PVC

Perf	Scrn	Casing	Linr	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Tele/ pipe size
	X		X	8	370	450	.032	Commercial		

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min 100 Drawdown 290 Drill stem/Pump depth 390 Duration (hr) 2

Temperature 63 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units
------	----	-------------	--------	-------

(9) LOCATION OF WELL (legal description)

County Grant Twp 13 N or S Range 31 E or W W.M.

Sec 10 NE 1/4 of the NE 1/4 Tax Lot 1037

Tax Map Number Lot

Lat " or DMS or DD

Long " or DMS or DD

Street Address of Well (or nearest address) Davis Creek Rd John Day

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening				
Completed Well	9.17.2011			100

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
Aug 14	105	180	45			98
Sept 13	464	465	150+			100

(11) WELL LOG

Ground Elevation

Material	From	To
lava boulders	0	3
brown hard dry clay	3	5
red sandy clay	5	10
white baked clay	10	11
black rock, basalt	11	65
brown sticky clay	65	95
grey clay w/ sand gravel	95	180
brown clay	180	195
grey claystone	195	464
black basalt badly fractured	464	504

Date Started 9-2-2011 Completed 9-17-2011

(unbonded) Water Well Constructor Certification

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

License Number 1896 Date 10-17-11

Signed Terry Gladett

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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.

License Number 1899 Date 10-17-11

Signed Lamp Surgery
Contact Info. (optional)

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

GRAN 51165

11/5/2013

WELL I.D. LABEL# L 109972

START CARD # 1021171

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D. _____

First Name JEFFREY

Last Name RIGGS

Company _____

Address P O BOX 120

City DAYVILLE

State OR

Zip 97825

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia + From To Gauge Stl Plstc Wld Thrd

Casing: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

Material From To Amt sacks/lbs

Seal: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud☐ Reverse Rotary ☐ Other _____

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 524.00 ft.

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
16	0	320	Cement	0	320	136	S
12	320	482					
8	482	524					

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

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

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount

Actual Amount

(6) CASING/LINER

Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd

☒	☐	8	☒	3	482	.250	☒	☐	☒	☐
☐	☐	12	☒	1	325	.250	☐	☐	☒	☐
☐	☐		☐				☐	☐	☐	☐
☐	☐		☐				☐	☐	☐	☐

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 325Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type _____

Material _____

Perf/	Casing/Screen	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/pipe size

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

360	97	315	24

Temperature 67 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County GRANT Twp 13.00 S N/S Range 31.00 E E/W WM

Sec 11 SW 1/4 of the SE 1/4 Tax Lot 1037

Tax Map Number _____ Lot _____

Lat _____ " or 44.45016000 DMS or DD

Long _____ " or -118.95020000 DMS or DD

☐ Street address of well ☒ Nearest address

DAVIS CREEK RD, JOHN DAY, OR

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Existing Well / Pre-Alteration _____

Completed Well 10/15/2013 _____ 208

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 156.00

SWL Date From To Est Flow SWL(psi) + SWL(ft)

10/3/2013	156	210	40		80
10/10/2013	473	508	500		208

(11) WELL LOG

Ground Elevation 3937.00

Material	From	To
top soil brown	0	2
clay brown	2	14
sandstone soft brown	14	27
clay green	27	48
sandstone with cemented gravel	48	156
fractured rock black	156	210
fractured rock black with burnt wood	210	260
rock black	260	285
claystone grey	285	473
fractured rock black	473	508
claystone grey	508	524

Date Started 9/21/2013

Complete 10/10/2013

(unbonded) Water Well Constructor Certification

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

License Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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.

License Number 1899 Date 11/5/2013

Signed SAM P KINGREY (E-filed)

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

If you have NOT complied with Permit conditions, explain the reasons why and indicate a date certain, when you will be in compliance.

OVERSIGHT WHILE COMPLETING SYSTEM; MARCH 2017 COMPLIANCE

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

3. Provide evidence of physical work made toward completion of the water system, and of progress made toward making beneficial use of water within the permitted time period (CHART-B); and if applicable, within the time period of the most recent extension granted (CHART-C). CHART-B (below) must be completed for all Application for Extension of Time requests. *Use chronological order.* (this does NOT include planning, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, surveying, clearing land, or planting crops)

CHART-B

DATE	WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List any work done before the permit was issued – eg. well drilled.</i>	COST*
DATE	WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED and PRIOR TO DATE SPECIFIED IN PERMIT FOR COMPLETE APPLICATION OF WATER <i>List work/actions done during the permitted time period.</i>	COST*
7-23-09	Date the permit was signed - find date above signature on last page of permit.	
9-17-11	Well drilled GRAN 51099	\$25,000
10-10-13	Well drilled GRAN 51165	\$26,000
9-17-11	Meter installed	\$4000
2014	Pivots and piping installed	\$200,000
7-23-2014	Date the permit specified complete application of water to the use shall be made- all permits contain this date.	
DATE	WORK ACCOMPLISHED AFTER the date the permit specified complete application of water <i>COMPLETE ONLY IF THIS IS YOUR 1st APPLICATION FOR AN EXTENSION OF TIME: List work done after the date specified in the permit for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
Total Cost for Chart-B		\$255,000

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

**Application for Extension of Time for a Water Right Permit
(NON-Municipal/NON Quasi-Municipal water Use)**



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

Criteria for a Permit Extension of Time

The Department can accept requests for an extension of time on permits to (1) complete construction, and/or to (2) apply water to beneficial use.

In order to approve a permit extension request the Department must be able to find:

1) Construction has begun:

A. For Groundwater Permits

Construction of the well began within 5 years of the date the permit was issued or by the actual construction date specified in the permit.

B. For Surface Water or Reservoir Permits

Construction of the water system began within 5 years of the date the permit was issued or by the actual construction date specified in the permit.

The Department will also confirm that:

- 2) A required fish screen, fish passage or fish by-pass device was installed before or prior to diversion of any water. An exception to the need to confirm installation prior to diversion of any water would be a waiver submitted to the Department from ODFW stating that a fish screen, fish passage or fish by-pass device was not required, provided your permit allows for a waiver.**

If you have questions, please call the Department at (503)-986-0900 and ask to speak with a permit extension specialist.

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DEC 05 2016

Instructions are in Attachment A.

SALEM, OR

TO THE DIRECTOR OF THE OREGON WATER RESOURCES DEPARTMENT
***A separate extension application must be submitted for each permit as per
OAR 690-315-0020(2).***

I, JEFF RIGGS

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

PO BOX 122
ADDRESS

DAYVILLE
CITY

OR
STATE

97825
ZIP

PHONE

E-MAIL ADDRESS

the permit holder of:

Application Number G-17036

Permit Number G-17224

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

do hereby request that the time in which to:

☐ complete construction (of diversion/appropriation works and/or purchase and installation of the equipment necessary to the use of water), which time now expires on **Month:** _____ **Day:** _____ **Year:** _____, be extended to October 1, _____, [OAR 690-315-0020(3)(i)]

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

and/or the time in which to:

☒ apply water to full beneficial use under the terms and conditions of the permit, which time now expires on **Month:** 5 **Day:** 7 **Year:** 2014, be extended to October 1, 2022. [OAR 690-315-0020(3)(i)]

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

Signature

Date

Printed Name

Title

RECEIVED BY OWRD

DEC 05 2016

SALEM, OR

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

- This completed Application for Extension of Time.
- Statutory fee of \$575.
- Signature page (Second page of this Application for Extension of Time).
- All supporting documentation and/or evidence referenced in the Application for Extension of Time.

MAIL COMPLETED APPLICATION
along with the Supporting documents and/ or evidence

\$575 STATUTORY FEE TO:

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



GENERAL TIPS:

- Permit holders of **municipal or quasi-municipal water use permits DO NOT use this form**. The correct form is APPLICATION FOR EXTENSION OF TIME FOR MUNICIPAL AND QUASI-MUNICIPAL WATER USE PERMITS, available at the following link:
http://www.oregon.gov/owrd/PUBS/docs/forms/fillable_muni_quasi_ext_app_form_2014.doc
- Request the reasonable amount of time necessary to fully complete construction of the water project and/or to fully use the permitted quantity of water under the terms and conditions of your permit. Should this request be approved, it will be OWRD's expectation that you will complete your project within the new time period allowed. Future extensions may not be granted.
- A separate APPLICATION FOR EXTENSION OF TIME must be submitted for each permit. OAR 690-315-0020(2).
- An instruction sheet, INSTRUCTIONS FOR COMPLETING AN APPLICATION FOR EXTENSION OF TIME FOR A WATER RIGHT PERMIT (Attachment A), provides details that will help you answer each question on the application. Permit extensions are evaluated under OAR Chapter 690, Division 315. These rules may be viewed at:
http://arcweb.sos.state.or.us/pages/rules/oars_600/oar_690/690_315.html
- You may provide OWRD with any additional information or evidence that will aid us in making our decision. Please note that OWRD may require other information that is necessary to evaluate the application. OAR 315-0020(3)(n).

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DEC 05 2016

- After careful review of the Application for Extension of Time, you may contact OWRD at (503) 986-0900, to ask questions and request assistance from a Permit Extensions Specialist in the Water Rights Services Division.
- An Application for an Extension of Time will be reviewed for completeness. OWRD will return any incomplete or deficient applications to the applicant. OAR 690-315-0040(1)(a).

Reference Materials Needed to Complete this Application:

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

Questions to complete this application for an Extension of Time

Please see the instruction sheet to help you answer these questions.

1. Beginning Construction within required deadlines. OAR 690-315-0020(3)(d)

For Groundwater Permits

Has construction of the point of appropriation (well) authorized under this permit begun?

☒ Yes ☐ No

Date construction began Month: 9 Day: 2 Year: 2011

Details of construction and attach documentation: GRAN 51099, GRAN 51165

For Surface/Reservoir Permit

Has construction of the water system begun? ☐ Yes ☐ No

Date construction began Month: Day: Year:

Details of construction and attach documentation:

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DEC 05 2016

SALEM, OR

2. Permits typically contain standard or special conditions that must be fully satisfied to lawfully develop and use permitted water. Review the permit subject to this extension to identify which of the conditions listed in the 2nd column are contained within it. Using the extra row labeled "other" to specify any other additional conditions specified in a final order approving a permit amendment or prior extension of time. In the 1st column check the box for each condition (row) identified as relevant. In the 3rd column check "Yes" if you have completed or met the permit condition. Check "No" if the condition is not yet satisfied. In the 4th column, give the date when the condition was satisfied or will be satisfied. Attach any pertinent documentation. Note: a pump test condition does not need to be addressed here however; you must submit the results of the test to the Department for approval prior to certification.

CHART-A

Permit Conditions in this Permit		Have Completed or Met?	Date satisfied/ or will be satisfied
Checkbox	Ground water Check those included on this permit		
☒	Installation of a meter/totalizing flow meter	☒ Yes ☐ No	2011
☒	Submittal of annual water usage report	☒ Yes ☐ No	2013, 2015, 2016
☒	Submittal of initial static water level measurement	☐ Yes ☒ No	N/A
☐	Submittal of annual static water level measurements in the month required	☐ Yes ☐ No	
☒	Submittal of Seven consecutive static water level measurements in the month required	☐ Yes ☒ No	3-2017 To 2024
☐	Special well construction standards	☐ Yes ☐ No	
☐	Submittal of a monitoring plan	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
Surface Water or Reservoir			
☐	Installation of a meter/ totalizing flow meter/ in-line meter	☐ Yes ☐ No	
☐	Installation a staff gauge	☐ Yes ☐ No	
☐	Installation of a fish screen	☐ Yes ☐ No	
☐	Installation of a fish by-pass device	☐ Yes ☐ No	
☐	Installation of a fish passage	☐ Yes ☐ No	
☐	Installation of an outlet gate/pipe/ conduit	☐ Yes ☐ No	
☐	Submittal of a letter from ODFW that fish screen, fish by-pass device, and or fish passage is not required	☐ Yes ☐ No	
☐	Submit as-built plans and specification	☐ Yes ☐ No	
☐	Submittal of a letter from an engineer prior to storage	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	
☐	Other (Specify):	☐ Yes ☐ No	

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If you have NOT complied with Permit conditions, explain the reasons why and indicate a date certain, when you will be in compliance.

OVERSIGHT WHILE COMPLETING SYSTEM; MARCH 2017 COMPLIANCE

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

3. Provide evidence of physical work made toward completion of the water system, and of progress made toward making beneficial use of water within the permitted time period (CHART-B); and if applicable, within the time period of the most recent extension granted (CHART-C). CHART-B (below) must be completed for all Application for Extension of Time requests. Use *chronological order*. (this does NOT include planning, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, surveying, clearing land, or planting crops)

CHART-B

DATE	WORK ACCOMPLISHED BEFORE PERMIT WAS ISSUED <i>List any work done before the permit was issued – eg. well drilled.</i>	COST*
DATE	WORK ACCOMPLISHED AFTER PERMIT WAS ISSUED and PRIOR TO DATE SPECIFIED IN PERMIT FOR COMPLETE APPLICATION OF WATER <i>List work/actions done during the permitted time period.</i>	COST*
7-23-09	Date the permit was signed - find date above signature on last page of permit.	
9-17-11	Well drilled GRAN 51099	\$25,000
10-10-13	Well drilled GRAN 51165	\$26,000
9-17-11	Meters installed	\$4000
2014	Pivots and piping installed	\$200,000
7-23-2014	Date the permit specified complete application of water to the use shall be made- all permits contain this date.	
DATE	WORK ACCOMPLISHED AFTER the date the permit specified complete application of water <i>COMPLETE ONLY IF THIS IS YOUR 1st APPLICATION FOR AN EXTENSION OF TIME; List work done after the date specified in the permit for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
Total Cost for Chart-B		\$255,000

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

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

CHART-C

DATE	WORK ACCOMPLISHED DURING THE LAST EXTENSION PERIOD <i>List all work done during the last authorized extension period.</i>	COST*
	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	
DATE	WORK ACCOMPLISHED AFTER THE LAST EXTENSION PERIOD EXPIRED <i>List all work done after the last authorized date for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
Total Cost of Chart-C		

* If exact cost is not known, you must provide your best estimate. [OAR 690-315-0020(3)(f)]

5. **Cost of project to date: \$255,000**
(The total combined cost from CHART-B and CHART-C) [OAR 690-315-0020(f)]

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

CHART-C

DATE	WORK ACCOMPLISHED DURING THE LAST EXTENSION PERIOD <i>List all work done during the last authorized extension period.</i>	COST*
	"Extended From" date for complete application of water used in the 1 st (or the most recent) Application for Extension of Time.	
	"Extended To" date for complete application of water resulting from the 1 st (or the most recent) Application for Extension of Time.	
DATE	WORK ACCOMPLISHED AFTER THE LAST EXTENSION PERIOD EXPIRED <i>List all work done after the last authorized date for complete application of water up to the date of this Application for Extension of Time.</i>	COST*
Total Cost of Chart-C		

* If exact cost is not known, you must provide your best estimate. [OAR 690-315-0020(3)(f)]

5. **Cost of project to date: \$255,000**
(The total combined cost from CHART-B and CHART-C) [OAR 690-315-0020(f)]

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

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

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

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

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

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

Acre-feet stored to date = _____ AF

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

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

CHART-D

Well # as identified on Permit	Water User's Well #	Has this well been drilled?	IF DRILLED					
			Well Log Number e.g. MORR 50473	Well Tag Number e.g. # 27566 or N/A	Is the actual drilled location authorized on this permit or on a permit amendment? (See 8 below)	Maximum instantaneous rate used to date from this well -- under this permit only (CFS or GPM)	Is this well authorized or utilized under any OTHER water rights?	If yes, provide the Permit, Certificate, or Transfer No.
WELL 1		Yes ☒ No ☐	GRAN 51099	L-96838	Yes ☒ No ☐	1.25 CFS	Yes ☐ No ☒	-
WELL 2		Yes ☒ No ☐	GRAN 51165	L-109972	Yes ☒ No ☐	1.25 CFS	Yes ☐ No ☒	-
		Yes ☐ No ☐			Yes ☐ No ☐		Yes ☐ No ☐	-
		Yes ☐ No ☐			Yes ☐ No ☐		Yes ☐ No ☐	-
Total instantaneous rate from all wells utilized under this permit						1.25 CFS		

8. If the drilled location of a well is not authorized on this permit, please specify its location below, or provide a map showing its location.

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Has or will a Permit Amendment Application been/be filed? Yes ☒ No ☐

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If a Permit Amendment Application has been filed: Transfer No. T-11694

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Well # 1 Actual location: 20' S, 620' W FROM NE CNR SEC 10

Well #2 Actual location: 760' S, 520' W FROM NE COR SEC 10

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

9. Provide the total number of acres irrigated to date under this permit (if applicable). List by year, the number of acres irrigated each year since permit issuance, and provide a copy of the application map identifying the acres irrigated. 115

Total acres irrigated to date: 115

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

Well #1 Acres 115 Well # _____ Acres _____

Well #2 Acres 115 Well # _____ Acres _____

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

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

CHART-E

APPROXIMATE DATE RANGE (projected)	WORK OR ACTION TO BE ACCOMPLISHED (projected)	ESTIMATED COST (projected)
3-2017 to 2024	MARCH STATIC WATER LEVEL REPORT	\$1000
Year: 2022	Date intend to apply water to full beneficial use under the terms and conditions of this permit.	
Total Cost		\$1000

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

11. Estimated remaining cost to complete the project: \$1000

(The total cost from CHART-E)

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

12. Describe the reasons why the construction was not completed, and/or water was not beneficially used within permit time limits. Provide supporting information for the reason(s) that best fits your circumstances. Include any additional unforeseen events and/or other governmental regulation or requirements.

OVERSIGHT WHILE COMPLETING SYSTEM

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

13. Justify the time requested to complete the project and/or apply the water to full beneficial use. Include any other information or evidence to establish that the requested amount of time is sufficient and that you will be able to complete the project within the amount of time requested.

MARCH COMPLIANCE IN ORDER TO PROVIDE ANNUAL STATIC WATER LEVEL MEASUREMENT

[OAR 690-315-0020(3)(m)(n)]

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

N/A

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Attach permit, and documentation to the application.

Water Use Report Based on Water Right



Permit: G 17224 *

RIGGS, JEFFERY S. PO BOX 122 DAYVILLE, OR 97825

Records per page: 10

Acre-feet (AF) of Water Used

Water Year*	Report ID	Facility	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Total Water Used	Irrigated Acres
2016	63826	WELL 1 (L-96838)	4.16												4.16	
2016	66207	WELL 2 (L-109972)	12.50												12.50	
2015	63826	WELL 1 (L-96838)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	5.19	5.40	4.96	17.28	
2015	66207	WELL 2 (L-109972)	11.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.18	15.58	16.21	14.89	63.03	
2013	63826	WELL 1 (L-96838)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

*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.

- Water use is reported by point of diversion (POD), rather than by water right.
- If a POD is shared with multiple water rights, it is not feasible to separate out the amount used under the water right being queried from water used by other rights using this same POD.
- 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

STATE OF OREGON

COUNTY OF GRANT

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-11694 and approved by Special Order Vol. 92, Page 509, entered May 1, 2014. This permit supersedes Permit G-16543.

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

APPLICATION FILE NUMBER: G-17036

SOURCE OF WATER: WELLS 1 AND 2 IN LITTLE BEECH CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 115.0 ACRES

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MAXIMUM RATE: 1.25 CUBIC FEET PER SECOND

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PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

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DATE OF PRIORITY: APRIL 10, 2008

THE POINTS OF APPROPRIATION ARE LOCATED AS FOLLOWS:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
13 S	31 E	WM	10	NE NE	WELL 1: 20 FEET SOUTH AND 620 FEET WEST FROM THE NE CORNER OF SECTION 10
13 S	31 E	WM	10	NE NE	WELL 2: 760 FEET SOUTH AND 520 FEET WEST FROM THE NE CORNER OF SECTION 10

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 and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

Twp	Rng	Mer	Sec	Q-Q	Acres
13 S	31 E	WM	10	NE NE	36.6
13 S	31 E	WM	10	NW NE	20.0
13 S	31 E	WM	10	SW NE	20.8
13 S	31 E	WM	10	SE NE	37.6

Permit Amendment T-11694 Conditions:

The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.

Water shall be acquired from the same aquifer as the original point of appropriation.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee 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.
- C. The permittee shall allow the watermaster access to the meters or measuring devices; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

To monitor the effect of water use from the wells authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), 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

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Initial and Annual Measurements

The Department requires the permittee to report 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 BegunSeven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. 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.

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The Department requires the individual performing the measurement to:

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- 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 reported to the Department.

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

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

The period of non-use or restricted use shall continue until the 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 well(s) shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well(s) may not be completed in such a manner to allow ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

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.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

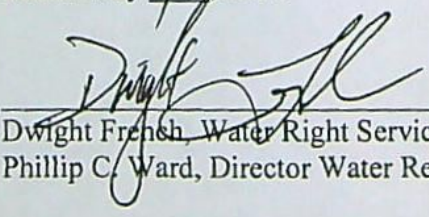
This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

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.

Completion of construction and application of the water shall be made within five years of the date of Permit G-16543 issuance, July 23, 2014. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued May 7, 2014


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

Application G-17036/T-11694.tif
Basin 6

Water Resources Department
Volume 2 BEECH CR MISC

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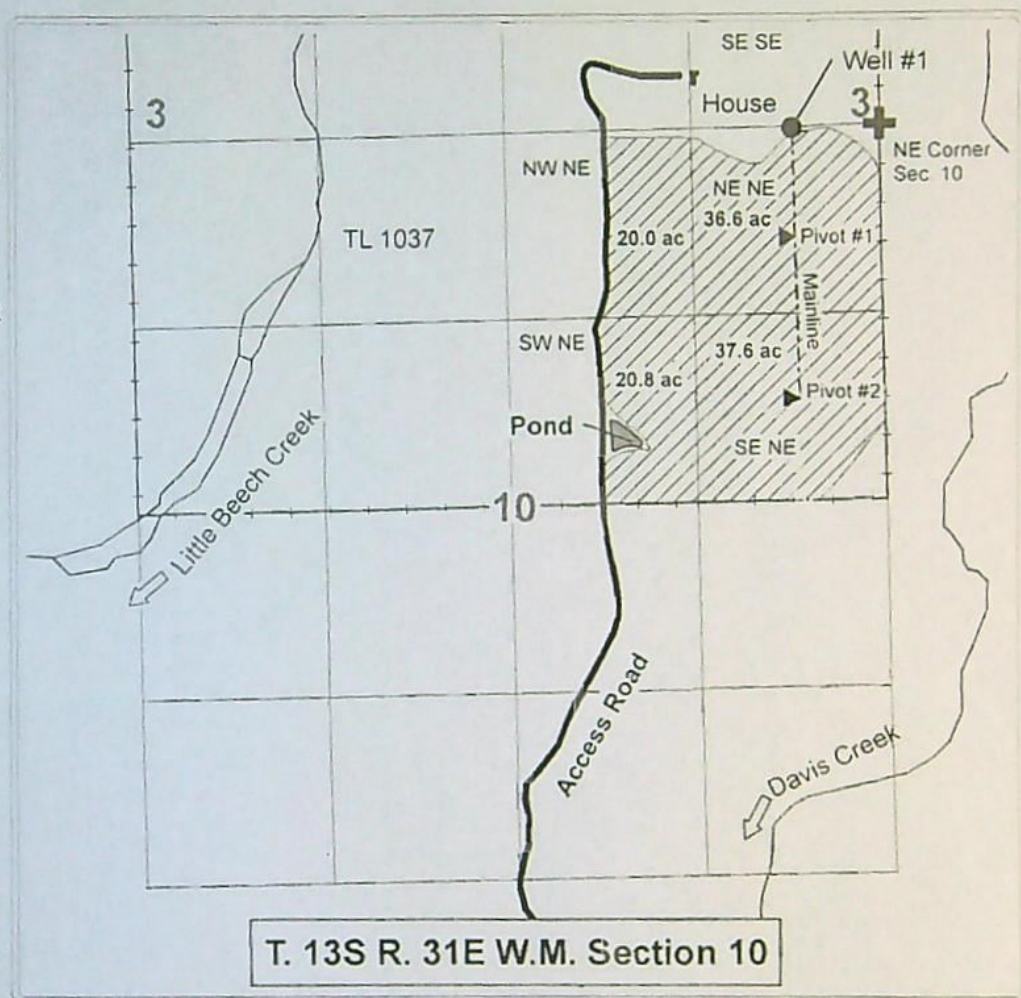
SALEM, OR

PERMIT G-17224

Application Map For Jeff and Barbara Riggs

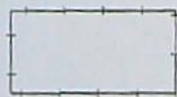


1 inch = 1320 feet



T. 13S R. 31E W.M. Section 10

The proposed well will be located 20 feet south and 620 feet west of the north east corner of section 10, T. 13S R. 31E W.M. being in the NE1/4 of the NE 1/4 of section 10, T. 13S R. 31E W.M.



Tax Lot Boundary



Proposed Irrigation

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APR 10 2008

WATER RESOURCES DEPT
SALEM, OREGON

App No G-17036

E: J:\arid 3/2/2008

Jeff Riggs_03-1708.mxd

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

GRAN 51099
RECEIVED
JUL 18 2011

WELL LABEL # L 96838

START CARD # 1014528

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

(1) LAND OWNER
First Name Jeff Owner Well I.D. SALEM OREGON
Last Name Riggs
Company
Address P.O. Box 120
City Dayville State OR Zip 97825

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

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

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standard: ☐ Yes (attach copy)
Depth of Completed Well 465 ft.

BORE HOLE			SEAL					
Dia	From	To	Material	From	To	Amount	Scks/lbs	
14	0	225	Cement	45	225	70	SCKS	
10	225	475	3/8 chips	0	45	48	SCKS	
6	475	504						

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

☒ Other Bentonite chips poured dry

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes Type Amount

(6) CASING/LINER

Casing	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		10	2	0	225	.250	X		X	
	X	8	2	0	450	SPR-17		X		X

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)

Temporary casing ☐ Yes Diameter From To

(7) PERFORATIONS/SCREENS

Perforations Method Factory slot

Screens Type Material PVC

Perf	Scrn	Casing	Linr	Screen Dia	From	To	Screen/slot width	Slot length	# of slots	Tele/pipe size
X		X		8	370	450	.032	Commercial		

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min 100 Drawdown 290 Drill stem/Pump depth 390 Duration (hr) 2

Temperature 63 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below)

From To Description

From	To	Description

(9) LOCATION OF WELL (legal description)
County Grant Twp 13 N or S Range 31 E or W W.M.
Sec 10 NE 1/4 of the NE 1/4 Tax Lot 1037
Tax Map Number Lot

Lat " or DMS or DD

Long " or DMS or DD

Street Address of Well (or nearest address) Davis Creek Rd John Day

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening				
Completed Well	9.17.2011			100

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES

Depth water was first found

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
Aug 14	105	180	45			98
Sept 13	464	465	150 +			100

(11) WELL LOG

Ground Elevation

Material	From	To
lava boulders	0	3
brown hard dry clay	3	5
red sandy clay	5	10
white baked clay	10	11
black rock, basalt	11	65
brown sticky clay	65	95
grey clay w/ sand gravel	95	180
brown clay	180	195
grey claystone	195	464
black basalt badly fractured	464	504

Half @ the time had filled in 39' at the bottom

Date Started 9-2-2011 Completed 9-17-2011

(unbonded) Water Well Constructor Certification

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

License Number 1896 Date 10-17-11

Signed Tony Wadett

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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.

License Number 1899 Date 10-17-11

Signed Sam Svingen

Contact Info. (optional)

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

GRANT COUNTY

JUL 18 2011

WELL LABEL # L 96838

START CARD # 1014528

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

(1) LAND OWNER Owner Well I.D. SALEM, OREGON
First Name Jeff Last Name Riggs
Company
Address PO Box 120
City Dayville State OR Zip 97825

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

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

(4) PROPOSED USE ☐ Domestic ☒ Irrigation ☐ Community
☐ Industrial/Commercial ☐ Livestock ☐ Dewatering ☐ Injection
☐ Thermal ☐ Other

(5) BORE HOLE CONSTRUCTION Special Standard: ☐ Yes (attach copy)
Depth of Completed Well 465 ft.

BORE HOLE			SEAL			Amount	Scks/lbs
Dia	From	To	Material	From	To		
14	0	225	Cement	45	225	70	SCKS
10	225	475	3/8 chips	0	45	48	SCKS
6	475	504					

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

☒ Other Bentonite chips poured dry

Backfill placed from ft. to ft. Material

Filter pack from ft. to ft. Material Size

Explosives used: ☐ Yes Type Amount

(6) CASING/LINER

Casing	Linr	Dia	+	From	To	Gauge	Steel	Plastic	Welded	Thrd
X		10	2	0	225	.250	X		X	
	X	8	2	0	450	SPR-17		X		X

Shoe ☐ Inside ☐ Outside ☐ Other Location of shoe(s)

Temporary casing ☐ Yes Diameter From To

(7) PERFORATIONS/SCREENS

Perforations Method Factory slot

Screens Type Material PVC

Perf	Scrn	Casing	Linr	Screen Dia	From	To	Screen/ slot width	Slot length	# of slots	Tele/ pipe size
	X		X	8	370	450	.032	Commercial		

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

☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
100	290	390	2

Temperature 63 °F Lab analysis ☐ Yes By

Water quality concerns? ☐ Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
County Grant Twp 13 N or S Range 31 E or W W.M.
Sec 10 NE 1/4 of the NE 1/4 Tax Lot 1037
Tax Map Number Lot
Lat " or DMS or DD
Long " or DMS or DD
Street Address of Well (or nearest address) Davis Creek Rd John Day

(10) STATIC WATER LEVEL

	Date	SWL (psi)	+	SWL (ft)
Existing Well/Predeepening				
Completed Well	9.17.2011			100

Flowing Artesian? ☐ Yes Dry Hole? ☐ Yes

WATER BEARING ZONES Depth water was first found

SWL Date	From	To	Est Flow	SWL (psi)	+	SWL (ft)
Aug 14	105	180	45			98
Sept 13	464	465	150+			100

(11) WELL LOG

Material	From	To
lava boulders	0	3
brown hard dry clay	3	5
red sandy clay	5	10
white baked clay	10	11
black rock, basalt	11	65
brown sticky clay	65	95
grey clay w/ sand gravel	95	180
brown clay	180	195
grey claystone	195	464
black basalt badly fractured	464	504

Date Started 9-2-2011 Completed 9-17-2011

(unbonded) Water Well Constructor Certification

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

License Number 1896 Date 10-17-11

Signed Tony Gladett

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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.

License Number 1899 Date 10-17-11

Signed Sam Surging
Contact Info. (optional)

RECEIVED BY OWRD

ORIGINAL - WATER RESOURCES DEPARTMENT ONE COPY FOR CONSTRUCTOR ONE COPY FOR CUSTOMER
THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK 10/16/2006

DEC 05 2016

SALEM, OR

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

GRAN 51165

11/5/2013

WELL I.D. LABEL# L109972

START CARD # 1021171

ORIGINAL LOG #

(1) LAND OWNER

Owner Well I.D.

First Name JEFFREY

Last Name RIGGS

Company

Address P O BOX 120

City DAYVILLE

State OR

Zip 97825

(2) TYPE OF WORK

☒ New Well ☐ Deepening ☐ Conversion☐ Alteration (complete 2a & 10) ☐ Abandonment (complete 5a)

(2a) PRE-ALTERATION

Dia + From To Gauge Stl Plstc Wld Thrd

Casing: ☐ Material From To Amt sacks/lbsSeal: ☐ Material From To Amt sacks/lbs

(3) DRILL METHOD

☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger ☐ Cable Mud☐ Reverse Rotary ☐ Other

(4) PROPOSED USE

☐ Domestic ☒ Irrigation ☐ Community☐ Industrial/ Commercial ☐ Livestock ☐ Dewatering☐ Thermal ☐ Injection ☐ Other

(5) BORE HOLE CONSTRUCTION

Special Standard ☐ (Attach copy)

Depth of Completed Well 524.00 ft.

BORE HOLE

Dia	From	To	Material	From	To	Amt	sacks/lbs
16	0	320	Cement	0	320	136	S
12	320	482					
8	482	524					

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

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

Filter pack from _____ ft. to _____ ft. Material _____ Size _____

Explosives used: ☐ Yes Type _____ Amount _____

(5a) ABANDONMENT USING UNHYDRATED BENTONITE

Proposed Amount

Actual Amount

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
☒	☒	8	☒	3	482	.250	☒	☒	☒	☒
☒	☒	12	☒	1	325	.250	☒	☒	☒	☒
☒	☒		☒				☒	☒	☒	☒
☒	☒		☒				☒	☒	☒	☒

Shoe ☐ Inside ☒ Outside ☐ Other Location of shoe(s) 325Temp casing ☐ Yes Dia _____ From _____ To _____

(7) PERFORATIONS/SCREENS

Perforations Method _____

Screens Type _____

Material _____

Perf/	Casing/	Screen	Screen	Liner	Dia	From	To	Scm/slot	Slot	# of	Tele/
Screen	Liner	Dia	From	To	width	length	slots	pipe size			

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

☒ Pump ☐ Bailer ☐ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
360	97	315	24

Temperature 67 °F Lab analysis ☐ Yes By _____Water quality concerns? ☐ Yes (describe below) TDS amount

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County GRANT Twp 13.00 S N/S Range 31.00 E E/W WM

Sec 11 SW 1/4 of the SE 1/4 Tax Lot 1037

Tax Map Number _____ Lot _____

Lat _____ " or 44.45016000 DMS or DD

Long _____ " or -118.95020000 DMS or DD

☐ Street address of well ☒ Nearest address

DAVIS CREEK RD, JOHN DAY, OR

(10) STATIC WATER LEVEL

Date SWL(psi) + SWL(ft)

Existing Well / Pre-Alteration _____

Completed Well 10/15/2013 _____ 208

Flowing Artesian? ☐ Dry Hole? ☐

WATER BEARING ZONES

Depth water was first found 156.00

SWL Date From To Est Flow SWL(psi) + SWL(ft)

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
10/3/2013	156	210	40		80
10/10/2013	473	508	500		208

(11) WELL LOG

Ground Elevation 3937.00

Material	From	To
top soil brown	0	2
clay brown	2	14
sandstone soft brown	14	27
clay green	27	48
sandstone with cemented gravel	48	156
fractured rock black	156	210
fractured rock black with burnt wood	210	260
rock black	260	285
claystone grey	285	473
fractured rock black	473	508
claystone grey	508	524
RECEIVED BY OWRD		
DEC 05 2016		
SALEM, OR		

Date Started 9/21/2013 Complete 10/10/2013

(unbonded) Water Well Constructor Certification

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

License Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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.

License Number 1899 Date 11/5/2013

Signed SAM P KINGREY (E-filed)

Contact Info (optional) _____

ORIGINAL - WATER RESOURCES DEPARTMENT

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK Form Version:

Application for Extension of Time

Permit Information

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

ACRONYM QUICK REFERENCE

Department – Oregon Department of Water Resources

Application – Application for Extension of Time

PFO – Proposed Final Order

cfs – cubic feet per second

Well 1 – GRAN 51099

Well 2 – GRAN 51165

FOF – Finding of Fact

AUTHORITY

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

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

ORS 539.010(5) instructs the Director to consider: the cost of the appropriation and application of the water to a beneficial purpose; the good faith of the appropriator; the market for water or power to be supplied; the present demands therefor; and the income or use that may be required to provide fair and reasonable returns upon the investment.

OAR 690-315-0040 provides that in order to approve an application for an extension of time to complete construction or apply water to full beneficial use, the Department shall make the findings in OAR 690-315-0040(1) including a finding that there is "good cause" to approve the extension. OAR 690-315-0040(2)-(4) contains the factors that the Department must consider to make findings that support a "good cause" determination.

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

FINDINGS OF FACT

1. On July 23, 2009, Permit G-16543 was issued by the Department. The permit authorizes the use of up to 1.25 cfs of water from Well 1 in Little Beech Creek Basin for irrigation use on 115.0 acres. The permit specified completion of construction and application of the water was to be made within five years of the date of permit issuance, being on or before July 23, 2014.

2. On May 7, 2014, the Department approved Permit Amendment T-11694 (Special Order Volume 92, Page 509) authorizing an additional point of appropriation (Well 2) under Permit G-16543. A superseding Permit G-17224 was issued by the Department on May 7, 2014, to reflect the changes.
3. On December 5, 2016, the permit holder, Jeffrey S. Riggs, submitted an "Application for Extension of Time" (Application) to the Department, requesting both the time to complete construction of the water system and the time to apply water to full beneficial use under the terms and conditions of Permit G-17224 be extended from July 23, 2014 to October 1, 2022. This is the first permit extension requested for Permit G-17224.
4. On December 13, 2016, notification of the Application for Extension of Time for Permit G-17224 was published in the Department's Public Notice. No public comments were received regarding the Application.
5. On December 20, 2016, the permit holder submitted additional information to supplement their Application for Extension of Time. The additional information clarified that a meter was installed only on Well 1.

Review Criteria [OAR 690-315-0040]

In order to approve an Application for an Extension of Time to complete construction and/or apply water to full beneficial use pursuant to ORS 537.230 or 537.630, or to begin construction, pursuant to ORS 537.248, the Department must make the findings in OAR 690-315-0040(1)(a) – (d).

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

6. On December 5, 2016, the Department received a completed Application for Extension of Time and the fee specified in ORS 536.050 from the permit holder.

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

7. Construction of the well began prior to July 23, 2014, as specified in the permit as being the date to apply water to full beneficial use. The permit holder states, construction of GRAN 51099 (Well 1) began September 2, 2011.
8. According to the well log received by the Department on October 19, 2011, construction of Well 1 began September 2, 2011.

The Department has determined based on Finding of Fact (FOF) 7 and 8 that the prosecution of the construction of the well began prior to July 23, 2014.

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

The Department must find that there is "good cause" to approve the extension. In making a "good cause" finding, the Department shall consider the requirements set forth under OAR 690-315-0040(2).

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

In order to make a finding of "good cause" to approve the extension, the Department shall consider whether the applicant has demonstrated "reasonable diligence" in previous performance under the permit. OAR 690-315-0040(2)(a). In determining "reasonable diligence", the Department shall consider, but is not limited to, the following factors: a) The amount of construction completed within the time allowed in the permit or previous extension; b) The amount of beneficial use made of the water during the permit or previous extension time limits; c) Water right holder conformance with the permit or previous extension conditions; and d) Financial investments made toward developing the beneficial use of water.

OAR 690-315-0040(3)(a)

Amount of Construction (The amount of construction completed within the time allowed in the permit.²)

9. Work was accomplished during the original development time frame under Permit G-17224 is as follows:

- Constructed Well 1;
- Installed a meter on Well 1;
- Installed pivots and piping; and
- Gained authorization for Permit Amendment T-11694, and constructed GRAN 51165 (Well 2).

The Department has determined based on FOF 9, that work has been accomplished within the time allowed in the permit, which provides evidence of good cause and reasonable diligence towards the complete application of water to a beneficial use.

OAR 690-315-0040(3)(c)

Compliance with Conditions

The water right permit holder's conformance with the permit conditions.

10. The Department has considered the permit holder's compliance with conditions, and has identified the following concerns: (1) the record does not show that a totalizing flow meter or other suitable measuring device has been installed on Well 2, and (2) the required March static water level measurements for Well 1 and Well 2 have not been

² "Actual Construction" is defined in OAR 690-315-0020(3)(d)(A) and (B) as physical work performed toward completion of the water system which demonstrates the water right permit holder's good faith and intention to complete the project with reasonable diligence. Actual construction does not include planning a diversion system, formulating a business plan, securing financing, letting contracts, purchasing but not installing equipment, surveying, clearing land or planting crops.

received by the Department. The Department recognizes that it is the intent of the permit holder to comply with all permit conditions at the time the conditions become applicable.

The Department has determined based on FOF 10, that the permit holder has not demonstrated compliance with the following permit conditions as required by Permit G-17224:

- Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation;
- To monitor the effect of water use from the wells authorized under this permit, the Department requires the water user to obtain, from a qualified individual, 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; and
- Following the first year of water use, the user shall report seven consecutive annual static water level measurements.

Failure to comply with permit conditions constitutes illegal use of water. In order to legally perfect the use of water under this permit, the permit holder must demonstrate that all conditions of the permit have been satisfied.

OAR 690-315-0040(3)(b)

Beneficial Use of Water: *the amount of beneficial use made of the water during the permit time limits.*

11. The Application states a maximum rate of 1.25 cfs of water has been appropriated from Well 1 and Well 2 for irrigation of 115.0 acres.

The Department has determined that beneficial use of water has not yet been demonstrated under this permit because not all permit conditions were satisfied by July 23, 2014.

OAR 690-315-0040(2)(b),(3)(d),(4)(d)

Financial Investments to Appropriate and Apply Water to a Beneficial Purpose

12. The Application states the permit holder has invested about \$255,000, which is the total projected cost for complete development of this project.

The Department has determined based on FOF 12, that the permit holder had made an investment, which provides evidence of good cause and reasonable diligence towards the complete application of water to a beneficial use.

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

The Application provides evidence of progress towards completion of the water system; a financial investment has been made; the permit holder has not demonstrated compliance with all permit conditions, and; beneficial use has not been demonstrated. The Department has determined the applicant has demonstrated the minimum necessary for the Department to find reasonable diligence towards complete application of water to a beneficial use.

The Market and Present Demands for Water [OAR 690-315-0040(4)(a-f)]

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

- *(a) The amount of water available to satisfy other affected water rights and scenic waterway flows;*
- *(b) Special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C. 1313(d);*
- *(c) The habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife;*
- *(d) Economic investment in the project to date;*
- *(e) Other economic interests dependent on completion of the project; and*
- *(f) Other factors relevant to the determination of the market and present demands for water and power.*

OAR 690-315-0040(4)(a)

The amount of water available to satisfy other affected water rights and scenic waterway flows.

13. A review of the amount of water available to satisfy other affected water rights and scenic waterway flows was determined at the time of issuance of Permit G-17224; furthermore, water availability for other affected water rights and scenic waterway flows after the permit was issued is determined when an Application for a new water right is submitted.

OAR 690-315-0040(4)(b)

Special water use designations established since permit issuance, including but not limited to state scenic waterways, federal wild and scenic rivers, serious water management problem areas or water quality limited sources established under 33 U.S.C. 1313(d).

14. The points of appropriation for Permit G-17224, located within Little Beech Creek Basin, are not located within a limited or critical groundwater area.

15. Little Beech Creek is located above the John Day Scenic Water Way.
16. The points of appropriation are not in an area listed by the Department of Environmental Quality as a water quality limited stream.

OAR 690-315-0040(4)(c)

The habitat needs of sensitive, threatened or endangered species, in consultation with the Oregon Department of Fish and Wildlife.

17. Little Beech Creek is located within an area ranked "high" for stream flow restoration needs as determined by the Department in consultation with the Oregon Department of Fish and Wildlife, and is located within a Sensitive, Threatened or Endangered Fish Species Area as identified by the Department in consultation with Oregon Department of Fish and Wildlife.

OAR 690-315-0040(4)(d)

Economic interests dependent on completion of the project.

18. The Application states an approximate total of \$255,000 has been invested in the project.

OAR 690-315-0040(4)(e)

Other economic interests dependent on completion of the project.

19. The Application did not identify economic interests other than those of the applicant's that may be dependent on completion of the project.

OAR 690-315-0040(4)(f)

Other factors relevant to the determination of the market and present demand for water and power.

20. No other factors relevant to the determination of the market and present demand for water and power have been identified.

OAR 690-315-0040(2)(f)

Fair Return Upon Investment

21. The Application did not identify that the use and income from the permitted water development will likely result in reasonable returns upon the investment made to date.

OAR 690-315-0040(2)(g)

Other Governmental Requirements

22. The Application did not identify any delay in the development of this project that was

caused by any other governmental requirements.

OAR 690-315-0040(2)(h)

Unforeseen Events

23. The Application did not identify unforeseen events.

OAR 690-315-0040(2)(i)

Denial of the Extension Will Result in Undue Hardship

24. The Application did not state if a denial of the extension would result in undue hardship.

OAR 690-315-0040(2)(c)

Good Faith of the Appropriator

25. The Application provides evidence of good faith of the appropriator under Permit G-17224.

The Department has determined that the applicant has shown good faith and reasonable diligence.

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

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

26. As of December 5, 2016, the Application states the remaining work to be completed consists of completing construction of the water system, including installing a totalizing flow meter on Well 2; meeting all permit conditions, which includes submitting seven consecutive March static water level measurements; and applying water to full beneficial use.

Given the amount of development left to occur, the Department has determined that the permit holder's request to have until October 1, 2022, to complete construction of the water system and to accomplish the application of water to beneficial use under the terms and conditions of Permit G-17224 is both reasonable and necessary.

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

The Department must find that there is "good cause" to approve the extension. In making a "good cause" finding, the Department shall consider the requirements set forth under OAR 690-315-0040(2).

The Department has considered the reasonable diligence and good faith of the appropriator, the cost to appropriate and apply water to a beneficial purpose, the market and present

demands for water to be supplied, the financial investment made and fair and reasonable return upon the investment, the requirements of other governmental agencies, and unforeseen events over which the permit holder had no control, whether denial of the extension will result in undue hardship to the applicant and whether there are no other reasonable alternatives for meeting water use needs, any other factors relevant to a determination of good cause, and has determined that the applicant has shown that good cause exists for an extension of time to complete construction and apply water to full beneficial use pursuant to OAR 690-315-0040(1)(d).

LIMITATIONS AND CONDITIONS

1. OAR 690-315-0050(6) requires a checkpoint condition on this extension of time in order to ensure diligence is exercised in the development and perfection of the water use permit. A "Checkpoint Condition" is specified under Item 1 of the "Conditions" section of this PFO to meet this condition.

CONCLUSIONS OF LAW

1. The applicant has submitted a complete extension application form and the fee specified in ORS 536.050, as required by OAR 690-315-0040(1)(a).
2. The applicant has complied with the construction timeline requirements to begin construction as required by ORS 537.630, OAR 690-315-0040(1)(b) and OAR 690-315-0040(5).
3. Based on Finding of Facts 7 through 25, completion of construction and full application of water to beneficial use can be accomplished by October 1, 2022, as required by OAR 690-315-0040(1)(c).
4. The applicant can complete the project within the time period requested for the extension on the project, but the extension is conditioned to mitigate the effects of the subsequent development on competing demands on the resource and is granted only for the reasonable time necessary to complete water development and apply water to beneficial use. OAR 690-315-0050(5).
5. The applicant has demonstrated good cause for the extension. OAR 690-315-0050(5).

continued on the following page

PROPOSED ORDER

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

Extend the time to complete construction of the water system under Permit G-17224 from July 23, 2014, to October 1, 2022.

Extend the time to apply water to beneficial use under Permit G-17224 from July 23, 2014, to October 1, 2022.

Subject to the following conditions:

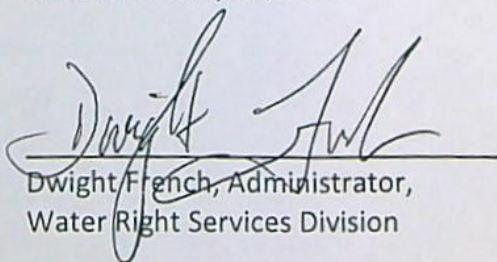
LIMITATIONS AND CONDITIONS

1. Checkpoint Condition

The permit holder must submit a completed Progress Report Form to the Department by **October 1, 2021**. *A form will be enclosed with your Final Order.*

- (a) At each checkpoint, the permit holder shall submit and the Department shall review evidence of the permit holder's diligence towards completion of the project and compliance with terms and conditions of the permit and extension. If, after this review, the Department determines the permit holder has not been diligent in developing and perfecting the water use permit, or complied with all terms and conditions, the Department shall modify or further condition the permit or extension to ensure future compliance, or begin cancellation proceedings on the undeveloped portion of the permit pursuant to ORS 537.260 or 537.410, or require submission of a final proof survey pursuant to ORS 537.250;
- (b) The Department shall provide notice of receipt of progress reports in its weekly notice and shall allow a 30 day comment period for each report. The Department shall provide notice of its determination to anyone who submitted comments.

DATED: January 24, 2017


Dwight French, Administrator,
Water Right Services Division

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

Proposed Final Order Hearing Rights

1. Under the provisions of OAR 690-315-0100(1) and 690-315-0060, the applicant or any other person adversely affected or aggrieved by the proposed final order may submit a written protest to the proposed final order. The written protest must be received by the Water Resources Department no later than **March 10, 2017**, being 45 days from the date of publication of the proposed final order in the Department's weekly notice.
2. A written protest shall include:
 - a. The name, address and telephone number of the petitioner;
 - b. A description of the petitioner's interest in the proposed final order and if the protestant claims to represent the public interest, a precise statement of the public interest represented;
 - c. A detailed description of how the action proposed in the proposed final order would adversely affect or aggrieve the petitioner's interest;
 - d. A detailed description of how the proposed final order is in error or deficient and how to correct the alleged error or deficiency;
 - e. Any citation of legal authority supporting the petitioner, if known;
 - f. Proof of service of the protest upon the water right permit holder, if petitioner is other than the water right permit holder; and
 - g. The applicant or non-applicant protest fee required under ORS 536.050.
3. Within 60 days after the close of the period for requesting a contested case hearing, the Director shall:
 - a. Issue a final order on the extension request; or
 - b. Schedule a contested case hearing if a protest has been submitted, and:
 - 1) Upon review of the issues, the Director finds there are significant disputes related to the proposed agency action; or
 - 2) The applicant submits a written request for a contested case hearing within 30 days after the close of the period for submitting protests.

Notice Regarding Service Members: Active duty service members have a right to stay proceedings under the federal Service Members Civil Relief Act. 50 U.S.C. App. §§501-597b. You may contact the Oregon State Bar or the Oregon Military Department for more information. The toll-free telephone number for the Oregon State Bar is: 1 (800) 452-8260. The toll-free telephone number of the Oregon Military Department is: 1 (800) 452-7500. The Internet address for the United States Armed Forces Legal Assistance Legal Services Locator website is: <http://legalassistance.law.af.mil>

Mailing List for Extension PFO Copies

PFO Date: January 24, 2017

Copies Mailed

Application: G-17036

By: SP

Permit: G-17224

On: 1-24-17

Original mailed to Applicant:

Jeffrey S. and Barbara E.F. Riggs
Po Box 122
Dayville, OR 97825

Copies sent to:

1. WRD - App. File G-17036/ Permit G-17224
2. Water Right Services, LLC
John Short
PO Box 1830
Bend, OR 97709

Fee paid as specified under ORS 536.050 to receive copy:

3. None

Receiving via e-mail (10 AM Tuesday of signature date)
(DONE BY EXTENSION SPECIALIST)

4. WRD - Watermaster District 4, Eric Julsrud

CASEWORKER: CAC

STATE OF OREGON

COUNTY OF GRANT

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

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

APPLICATION FILE NUMBER: G-17036

SOURCE OF WATER: WELL 1 IN LITTLE BEECH CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 115.0 ACRES

MAXIMUM RATE: 1.25 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 10, 2008

WELL LOCATION: NE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 10, T13S, R31E, W.M.; 20 FEET
SOUTH AND 620 FEET WEST FROM NE CORNER, SECTION 10

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 and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 36.6 ACRES
NW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.0 ACRES
SW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.8 ACRES
SE $\frac{1}{4}$ NE $\frac{1}{4}$ 37.6 ACRES

SECTION 10

TOWNSHIP 13 SOUTH, RANGE 31 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation. The permittee shall maintain the meter or measuring device in good working order.

- B. The permittee 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.
- C. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), 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 report 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

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. 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 reported to the Department.

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

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

The period of non-use or restricted use shall continue until the 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 well(s) shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well(s) may not be completed in such a manner to allow ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

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.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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 well(s) 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.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued July 23, 2009

E. Timothy Wall.

for Phillip C. Ward, Director
Water Resources Department



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

August 30, 2016

Certified mail number 7016 0340 0000 9901 9582

Return receipt requested

JEFFERY S. RIGGS
PO BOX 122
DAYVILLE, OR 97825

Reference: Application G-17036, Permit G-17224

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 July 23, 2014.

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 July 23, 2014. 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 (October 28, 2016) 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, Jeffrey Pierceall 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-17036

OWRD Watermaster District 4



PERMIT STATUS REVIEW By : Jeffrey D. Pierceall DATE 22 Aug-16 FILE # G-17036

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

no Extension pending _____

no Assignment is pending _____

no Cancellation has been requested _____

no 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

no 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 7-23-2014 BASIN NUMBER 6 WM # 4

CWRE or AGENT no

3. AOI Yes _____ NO ✓ If Yes, name of AOI _____



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

May 20, 2014

JEFFERY S. RIGGS
PO BOX 122
DAYVILLE, OR 97825

REFERENCE: Permit Amendment Application T-11694

Enclosed is a copy of the order approving your Permit Amendment application.

Also enclosed is a superseding permit that incorporates the amendments approved by the final order contained herein. Please read this document and abide by the requirements.

If you have any questions related to the approval of this permit amendment, you may contact your caseworker by telephone at (503) 986-0827 or by e-mail at Tracy.L.Fox@wrđ.state.or.us

Sincerely,

Codi Holmes
Water Rights Services Support
Transfer and Conservation Section

cc: Eric W. Julsrud, Watermaster Dist. # 4 (via email)
Cody Riggs, Agent

Enclosure



**BEFORE THE WATER RESOURCES DEPARTMENT
OF THE
STATE OF OREGON**

In the Matter of Permit Amendment	)	FINAL ORDER
T-11694, Grant County	)	APPROVING AN ADDITIONAL POINT
	)	OF APPROPRIATION

Authority

ORS 537.211 establishes the process in which a water right permit holder may submit a request to change the point of appropriation and/or place of use authorized under an existing water right permit.

Applicant

JEFFERY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

Findings of Fact

1. On November 25, 2013, JEFFERY S. AND BARBARA F. RIGGS filed an application for an additional point of appropriation under Permit G-16543. The Department assigned the application number T-11694.
2. Notice of the application for the permit amendment was published in the Department's weekly notice on December 3, 2013, pursuant to ORS 540.520(5). No comments were filed in response to the notice.
3. Permit Amendment Application T-11694 proposes an additional point of appropriation approximately 700 feet from the existing point of appropriation to:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
13 S	31 E	WM	10	NE NE	760 FEET SOUTH AND 520 FEET WEST FROM THE NE CORNER OF SECTION 10

Permit Amendment Review Criteria

4. The change would not result in injury to other water rights.
5. The change does not enlarge the permit.
6. The change does not alter any other terms of the permit.

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-080 and OAR 690-01-005 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

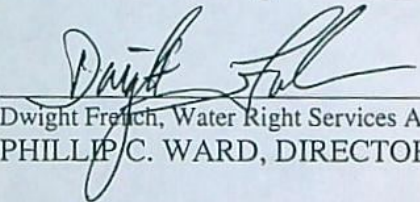
Conclusions of Law

The additional point of appropriation proposed by Permit Amendment Application T-11694 is consistent with the requirements of ORS 537.211.

Now, therefore, it is ORDERED:

1. The additional point of appropriation proposed by Permit Amendment Application T-11694 is approved.
2. Permit G-17224, in the name of JEFFREY S. AND BARBARA E. F. RIGGS, is issued to replace Permit G-16543, and incorporates the amendments approved by this order. Permit G-16543, in the name of JEFFERY S. AND BARBARA E. F. RIGGS, is no longer of any force or effect.
3. The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.
4. Water shall be acquired from the same aquifer as the original point of appropriation.
5. All other terms and conditions of Permit G-17224 remain the same.

Dated at Salem, Oregon this 7 day of May, 2014.


Dwight French, Water Right Services Administrator, for
PHILLIP C. WARD, DIRECTOR

Mailing Date: MAY 21 2014

STATE OF OREGON

COUNTY OF GRANT

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

This superseding permit is issued to describe an amendment for an additional point of appropriation proposed under Permit Amendment Application T-11694 and approved by Special Order Vol. 92, Page 509, entered May 1, 2014. This permit supersedes Permit G-16543.

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

APPLICATION FILE NUMBER: G-17036

SOURCE OF WATER: WELLS 1 AND 2 IN LITTLE BEECH CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 115.0 ACRES

MAXIMUM RATE: 1.25 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 10, 2008

THE POINTS OF APPROPRIATION ARE LOCATED AS FOLLOWS:

Twsp	Rng	Mer	Sec	Q-Q	Measured Distances
13 S	31 E	WM	10	NE NE	WELL 1: 20 FEET SOUTH AND 620 FEET WEST FROM THE NE CORNER OF SECTION 10
13 S	31 E	WM	10	NE NE	WELL 2: 760 FEET SOUTH AND 520 FEET WEST FROM THE NE CORNER OF SECTION 10

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 and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

Twp	Rng	Mer	Sec	Q-Q	Acres
13 S	31 E	WM	10	NE NE	36.6
13 S	31 E	WM	10	NW NE	20.0
13 S	31 E	WM	10	SW NE	20.8
13 S	31 E	WM	10	SE NE	37.6

Permit Amendment T-11694 Conditions:

The combined quantity of water diverted at the new point of appropriation, together with that diverted at the old point of appropriation, shall not exceed the quantity of water lawfully available at the original point of appropriation.

Water shall be acquired from the same aquifer as the original point of appropriation.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation. The permittee shall maintain the meter or measuring device in good working order.
- B. The permittee 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.
- C. The permittee shall allow the watermaster access to the meters or measuring devices; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

To monitor the effect of water use from the wells authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), 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 report 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 BegunSeven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. 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 reported to the Department.

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

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

The period of non-use or restricted use shall continue until the 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 well(s) shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well(s) may not be completed in such a manner to allow ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

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.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

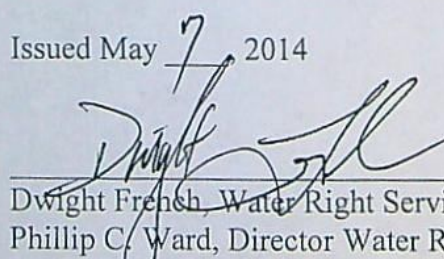
This permit is for the beneficial use of water without waste. The water user is advised that new regulations may require the use of best practical technologies or conservation practices to achieve this end.

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.

Completion of construction and application of the water shall be made within five years of the date of Permit G-16543 issuance, July 23, 2014. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued May 7, 2014



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

285-355 Clay stone Grey
SWL at this time is 80 bgs

Thank You for your time Mike. We are on hold until we hear back from you.
I hope this is enough information, I am sending this to Bob Maynard also, I do not have any information on Eric or I
would send it to him also.
Thanks Again

Sam P. Kingrey
Down Right Drilling & Pump Inc.
6025 Little Freezeout Rd.
Caldwell, ID. 83607
(208)454-3098
sam@downrightdrilling.com

Mike Zwart

From: Mike Zwart
Sent: Monday, September 30, 2013 9:48 AM
To: 'Sam P. Kingrey'
Subject: RE: Riggs

Sam,

I spoke with Tony last Friday about the Riggs well and the well construction condition in Permit G-16543, file G-17036. I also left a voice message on his cell phone and your office phone today regarding the e-mail below. Based on the rough log below, I can approve the proposal to seal the well to 320 feet into the gray claystone described from 285 to 355 feet. Call if you have any questions.

Mike Zwart

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

From: Sam P. Kingrey [<mailto:sam@downrightdrilling.com>]
Sent: Friday, September 27, 2013 3:54 PM
To: Mike Zwart
Cc: Bob Maynard; Tony Hackett; office@downrightdrilling.com; Linda Hackett
Subject: Riggs

Hello Mike

In reference of Start Card # 1021171 Jeff/Cody Riggs

We have drilled a 12" Test Hole to 355', We got into Clay stone at 285'+ but we were washing out above and needed to get Casing in the hole.

We were told by the customer (Cody) That Eric had gave him the go ahead on the seal at 225' (that's what the other well was).

This well has been different than the other well and we knew we needed to seal it deeper and get down into the Clay stone.

We reamed out the test hole to 16" down to 320' and started setting in 12" Casing. Just as we were getting to the bottom Cody (owner) showed up concerned about a message he got from Eric saying he hope we had not poured the seal yet because all the paper work was not in yet.

Tony Hackett my partner talked to you about this so we are sending you this email asking for a waiver to seal 12" Casing at 320' instead of 350'. We are still in the same Clay stone at 320' that we were in at 350'.

We plan to drill deeper to find the water, the 12" borehole will allow us to put in a deeper seal around 8" Casing if needed.

Information on formations

0-2 Top Soil Brown
2-14 Clay Brown
14-27 Sand Stone Soft Brown
27-48 Clay Green
48-156 Sand Stone with Cemented Gravel
156-210 Fractured Rock Black (Water Bearing)
210-260 Fractured Rock Black W/Coal
260-285 Rock Black

**OREGON WATER RESOURCES DEPARTMENT
INTEROFFICE MEMO**

To: File G-17036, Jeff Riggs

Date: December 16, 2011

From: Mike Zwart

Subject: GRAN 51099

The permit condition required a deep seal depth (350 feet) to ensure that a basalt aquifer would be developed. The well log reports that the well seal extends to 225 feet. The seal depth is sufficiently into a thick confining bed which overlies the basalt to satisfy the intent of the permit condition.

Mailing List for FO Copies

Application #G-17036

Original mailed to applicant with claim of beneficial use form:

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE OR 97825

Copies sent to:

- i. WRD - File # G-17036
- ii. WRD - Ken Stahr
- iii. WRD - Regional Well Inspector: NC

Copies Mailed	
By: <u>SJS</u>	(SUPPORT STAFF)
on: <u>7-24-09</u>	(DATE)

FO and Map Copies sent to (remember to reduce copy margins):

- iv. WRD - Watermaster District #: 4

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

- v.

"\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

- i.

CASEWORKER : Brook Geffen

FO Checklist

Application #: G-17036 Applicant: JEFFREY S. AND BARBARA E. F. RIGGS

☒ Name and/or address has **changed or been assigned** ☐ Yes ☒ No
If new: _____

☒ Respond to **significant comments, issues, or disputes** related to the proposed use of water. ☒ N/A

☒ Affected landowner(s) have been notified ☒ N/A ☐ Yes ☐ No, send a letter to landowners before FO issuance.

☒ Verify names/addresses of affected landowners, and those who commented and/or paid \$10 fee. ☒ N/A

☒ Include fish screen form if ODFW requested **screening condition and rate ≤ 0.5 CFS** ☒ N/A ☐ Yes ☐ No

☒ PFO conclusions **require modification** due to typos, errors or omission of conditions ☐ Yes ☒ No
If so: _____

☒ Within North Umpqua settlement reach and issuing permit, **spreadsheet has been updated** ☒ N/A ☐ Yes

☒ SWW If GW and interference, copy form for Stahr. ☒ N/A

☒ Fees	Base Fee	Water Amount (Q)
	\$150 / \$250	1 st CFS/AF
	\$300 / <u>\$500</u>	<u>2w</u>
		Addl @ <u>1w</u>
		Addl @ _____
		Add'l ☐ POD/POA ☐ use + _____
	<u>5w</u> (base)	<u>3a</u> (Q)
		= <u>8a</u> (total exam fee)

EXAM FEE REQUIRED	<u>8w</u>	RECORDING FEE REQUIRED	\$175 / \$250 <u>\$300</u>
EXAM FEE PAID	<u>8w</u>	RECORDING FEE PAID	<u>—</u>
STILL OWED	<u>—</u>	STILL OWED	<u>3w</u>

☒ FO w/ draft permit; still needed: ☒ FO w/ permit # 16543 ☐ FO to deny
☒ fees ☐ easement ☐ st water contract ☐ approved dam plans & specs ☐ land use approval
L paid 7/2/09
 refund \$ _____

Name: Brook Geffen

Date: 5/18/2009

Peer Reviewer: Kerry

PFO Checklist

Application #: G-17036 Applicant: JEFFREY S. AND BARBARA E. F. RIGGS

☒ Shortcomings preventing PFO? Y / N Should process continue? Y / N

☒ IR Date 9/26/08 Public Notice Date 9/30/08 Comments received? Y / N

☒ Was additional information requested in the IR? Y / N If so, do we now have enough info to do the PFO? Y / N

☒ Was the application filed after 10/23/99? Y / N (If not, add A date requirement)

☒ B.O.R. or Doug Co. project Y N Contract in file? N contract # _____

☒ POD characteristics identifies as DEQ 303d? Y / N / NA Comments received? Y / N _____

☒ Is second gw review necessary? Y / N / NA Complete? Y / N

☒ Water Availability OK / REDONE / NA _____

☒ Have conflicts been addressed? Y / N / NA _____

☒ Changes from IR determinations φ _____

☒ SWW If GW and interference, copy form for Stahr. φ

☒ Copy to Reg Manager NC WM 4 CWRE - Agent -

Reg. Well Inspector

Fees	Base Fee	Water Amount (Q)
	\$150 / \$250	1 st CFS/AF
	\$300 / <u>\$500</u>	<u>1</u> Add'l @ <u>1W</u>
		Add'l ☐ POD/POA ☐ use + _____
	<u>500</u> (base)	<u>3W</u> (Q)
		<u>800</u> (total exam fee)

EXAM FEE REQUIRED	<u>800</u>	RECORDING FEE REQUIRED	\$175 / \$250 <u>\$300</u>
EXAM FEE PAID	<u>800</u>	RECORDING FEE PAID	<u>-</u>
STILL OWED	<u>-</u>	STILL OWED	<u>300</u>

Name: Brook Geffen Date: 3/2/2009

Peer Reviewer: jm

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.

IR CHECKLIST

Application #: G-17036 Applicant: BARBARA RIGGS

Use(s): IRRIGATION USE ON 115.0 ACRES Priority Date: April 10, 2008

☒ MU or QM ☒ NA ☐ will complete construction within 20 years
☐ Fujii reviewed recommendations _____

☒ Is the application complete? ☐ No ☒ Yes

☒ ORS 538 prohibits use ☒ No ☐ Yes If so, do not do an IR; return the application & fees to the applicant.

☒ DIV 9 ☐ NA ☐ will likely be available... ☐ will not likely be available... ☒ will, if properly conditioned...

☐ classify as surface water well _____ has PSI with _____

(include basin map if true) well _____ is within ☐ 1N 3E 20, 21, 28, 29 ☐ GWLA ☐ CGWA _____

GW conditions 7C, 7J, 7F, March 7K

☒ DIVISION 33 ☒ NA ☐ No ☐ above Bonneville, and ☐ not allowed 4/15 - 9/30
☐ below Bonneville
☐ statewide

☒ SW Availability ☒ NA ☐ 80% live ☐ 50% storage _____ WID: _____

☐ Use DWF's nonstandard W/A memo if the source is a Drews Reservoir tributary; the Snake River; the Columbia River; the North Umpqua River below Rock Creek; or within the drainages of the Lost River, Chehalem Creek, or Champoeg Creek (including Mission & Case Creeks)

☒ POU conflict ☐ NA ☒ No ☐ No, different sources ☐ No, make up a deficiency in rate ☐ No, existing not at max. rate
☐ Yes _____

☒ Use is supplemental, checked for primary rights w/ diff source ☒ NA ☐ Yes limits _____

☒ Use is ☒ allowed ☐ not allowed ☐ limited ☐ OAR ☐ Compact _____

☒ Requested Use/Rate/Season irr / 1.25 / March - Oct 31

Allowed Use/Rate/Season irr / 1.44 / March - Oct 31 Limit 1.25 Duty 3

☒ Land use ☒ approved ☐ not approved ☐ being pursued ☐ county notified ☐ NA

☒ Storage contract ☒ NA ☐ BOR ☐ Doug Co ☐ Corp of Eng ☐ needed ☐ obtained _____

☒ Authorized agent specified ☒ NA ☐ needed ☐ Yes _____

☒ Conditions: water slightly under 50 TPA

☐ Small ≤ 0.1 CFS, ≤ 9.2 AF, ☐ Medium > 0.1 and < 0.5 CFS, > 9.2 and < 100 AF, ☒ Large ≥ 0.5 CFS, ≥ 100 AF
Use at least "Medium" when the source is Siltcoos Lake, Sandy Basin GW, or stored water with a contract.
Use "Large" for temp control (including NU), HC exceptions, Tenmile Lake, or if applicant is a government entity
Use "Large-7g" or "Large-7i" if GW recommends 7g or 7i
Use "Large with totalizing flow meter" for IR permits in South Salem Hills or IR over 10 Ac. in Stage Gulch CGWA

☒ Stream is withdrawn ☒ NA ☐ No ☐ Yes, allows use/season _____

☒ Basin Maps have been checked ☒ NA ☐ Yes limits _____

☒ SWW ☐ NA ☒ above ☐ within John Day (If GW and interference, copy form for Stahr.)

Application #: G-17036 Applicant: BARBARA RIGGS

✓ Use is within a high priority area for streamflow restoration ☒ NA ☐ No ☐ Yes

✓ Letter format ☒ good ☐ limited ☐ bad ☐ bad w/ rate reduction opportunity ☐ bad w/ HC opportunity

✓ POD is within North Umpqua settlement reach and the spreadsheet was updated ☒ NA ☐ Yes

✓ Forms ☒ NA ☐ DIV 33 ☐ basin map ☐ HC except ☐ spring description other _____

✓ Copy to ☐ NWR ☒ WM # 4 ☐ ODFW ☐ CRIFC
☐ NCR ☐ agent ☐ DEQ ☐ US Fish & Wildlife
☐ ER ☐ CWRE ☐ DOA ☐ NW Planning Council
☐ SWR ☐ State Parks ☐ CTUIR

☐ DOA Food Safety Division
(bottled water)

☐ city _____
(w/in 5-mile muni wells)

✓ Prior to permit, applicant must submit ☒ NA ☐ storage contract ☐ easement ☐ plans/specs ☐ evidence of well repair

✓ App and map meet min. requirements ☐ Yes ☐ No _____
(If not, send IR certified)

✓ Scanned images exist for application form and map

<u>✓</u> Fees <u>1.25</u> CFS	Base	<u>500</u>
_____ AF	Up to 1 CFS	<u>200</u>
	<u>1</u> Add'l CFS @ <u>100</u>	<u>100</u>
	Up to 20 AF	_____
	_____ Add'l AF @ _____	_____
	Add'l ☐ POD/POA ☐ use +	_____
	Exam Fee Required =	<u>800</u>
	Exam Fee Paid	<u>800</u>
	Still Owed	<u>—</u>

Name: Brook Geffen Date: 9/18/2008 Peer Reviewer: _____

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Meridian: WILLAMETTE Township: 13 South Range: 31 East Section: 10 Records per Page: 200

9/18/2008

Point of Diversion Characteristics

Right: App:G 17036 *

Name: BARBARA E F RIGGS

TRSQQ: 13.00S-31.00E-10-NENE Digital Map of TRSQQ

County: Grant

Basin: John Day

WM District: 4

WM Region: NC

Withdrawn Area:

WAB: BEECH CR > JOHN DAY R - AT MOUTH (203)

JOHN DAY R > COLUMBIA R - AB BEECH CR (30620117)

Priority WAB: BEECH CR @ mouth (203)

JOHN DAY R ab BEECH CR (30620117)

Rule 4D: Rules apply

Groundwater Restricted Area:

Scenic Water Way: ABOVE The John Day Scenic Waterway

Division 33: UPPER COLUMBIA

Water Quality Limited:

609-506-0040

Classifications

(2) Except as otherwise provided in this rule, the surface and ground waters of the John Day River Basin are classified for domestic, livestock, municipal, ground water recharge, irrigation, agricultural, power, commercial, industrial, mining, fire protection, recreation, pollution abatement, wildlife, and fish life uses.

Water Right Conditions Tracking Slip

Groundwater/Hydrology Section

FILE # # G-17036

ROUTED TO: WR's, Brook G.

TOWNSHIP/

RANGE-SECTION: T13S/R31E-10

CONDITIONS ATTACHED?: ☒ yes ☐ no

REMARKS OR FURTHER INSTRUCTIONS:

Reviewer: Don Mella

PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS

TO: Water Rights Section Date 9/4/2008

FROM: Ground Water/Hydrology Section Donn Miller
Reviewer's Name

SUBJECT: Application G- 17036 Supersedes review of none Date of Review(s)

PUBLIC INTEREST PRESUMPTION; GROUNDWATER

OAR 690-310-130 (1) *The Department shall presume that a proposed groundwater use will ensure the preservation of the public welfare, safety and health as described in ORS 537.525.* Department staff review ground water applications under OAR 690-310-140 to determine whether the presumption is established. OAR 690-310-140 allows the proposed use be modified or conditioned to meet the presumption criteria. This review is based upon available information and agency policies in place at the time of evaluation.

A. **GENERAL INFORMATION:** Applicant's Name: Jeffrey and Barbara Riggs County: Grant

A1. Applicant(s) seek(s) 1.25 cfs from one well(s) in the John Day Basin,
Upper Mainstem subbasin Quad Map: John Day

A2. Proposed use: irrigation of 115 acres Seasonality: March 1 to October 31

A3. Well and aquifer data (attach and number logs for existing wells; mark proposed wells as such under logid):

Well	Logid	Applicant's Well #	Proposed Aquifer*	Proposed Rate(cfs)	Location (T/R-S QQ-Q)	Location, metes and bounds, e.g. 2250' N, 1200' E fr NW cor S 36
1	To be built	1	CRB	1.25	T13S/R31E-S10 NE NE	20'S, 620'W fr NE cor S 10
2						
3						
4						
5						

* Alluvium, CRB, Bedrock

Well	Well Elev ft msl	First Water ft bls	SWL ft bls	SWL Date	Well Depth (ft)	Seal Interval (ft)	Casing Intervals (ft)	Liner Intervals (ft)	Perforations Or Screens (ft)	Well Yield (gpm)	Draw Down (ft)	Test Type
1	3985	~200	~250	---	300+/-	~200 to 300+/-	600' max +/-	N/A	unknown	---	---	-

Use data from application for proposed wells.

A4. Comments: The proposed well construction is variable. However, it is clear that the applicant wishes to develop the basalt and is prepared to go to ~600' to do so. The applicant seems to expect a depth like 300' total. The watermaster assisted the applicant and formulated the well specs for the application. I am using the variability in the proposed construction to help get to yes per Division 9 rule constraints. As conditioned, I estimate that the SWL will be about 300 feet.

A5. ☐ Provisions of the John Day Basin rules relative to the development, classification and/or management of ground water hydraulically connected to surface water ☐ are, or ☒ are not, activated by this application. (Not all basin rules contain such provisions.)
Comments: the proposed development will not obtain water from the alluvium which is an administrative constraint

A6. ☐ Well(s) # _____, _____, _____, _____, _____, tap(s) an aquifer limited by an administrative restriction.
Name of administrative area: _____
Comments: NA

B. GROUND WATER AVAILABILITY CONSIDERATIONS, OAR 690-310-130, 400-010, 410-0070

B1. Based upon available data, I have determined that ground water* for the proposed use:

- a. ☐ is over appropriated, ☐ is not over appropriated, or ☒ cannot be determined to be over appropriated during any period of the proposed use. * This finding is limited to the ground water portion of the over-appropriation determination as prescribed in OAR 690-310-130;
- b. ☐ will not or ☒ will likely be available in the amounts requested without injury to prior water rights. * This finding is limited to the ground water portion of the injury determination as prescribed in OAR 690-310-130;
- c. ☐ will not or ☐ will likely to be available within the capacity of the ground water resource; or
- d. ☒ will, if properly conditioned, avoid injury to existing ground water rights or to the ground water resource:
 - i. ☒ The permit should contain condition #(s) 7C, March and 7F;
 - ii. ☐ The permit should be conditioned as indicated in item 2 below.
 - iii. ☒ The permit should contain special condition(s) as indicated in item 3 below;

- B2. a. ☐ Condition to allow ground water production from no deeper than _____ ft. below land surface;
- b. ☐ Condition to allow ground water production from no shallower than _____ ft. below land surface;
- c. ☐ Condition to allow ground water production only from the _____ ground water reservoir between approximately _____ ft. and _____ ft. below land surface;
- d. ☐ Well reconstruction is necessary to accomplish one or more of the above conditions. The problems that are likely to occur with this use and without reconstructing are cited below. Without reconstruction, I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Ground Water Section.

Describe injury –as related to water availability– that is likely to occur without well reconstruction (interference w/ senior water rights, not within the capacity of the resource, etc): _____

- B3. Ground water availability remarks: Essentially little is known about the ground water resources in the Columbia River Basalt at this location. The best source would be the applicants' own domestic well but they don't know its depth or SWL. That well is about 1000' away. Other well logs aren't much help but do indicate the potential for low yields at depths of a few hundred feet. It appears to me that the applicants will be exploring for water at this location and the desired yield is unlikely.

There are springs nearby on the topo map that are the perennial sources for both Little Beech Creek and Davis Creek. I am estimating the SWL for the proposed well from those common levels at the spring clusters. I believe that those features are significant.

7K WELL CONSTRUCTION

The well shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well may not be completed in such a manner that it allows ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, requested modification will not be approved. The new well depth and construction specifications will be incorporated into any certificate issued for this permit.

C. GROUND WATER/SURFACE WATER CONSIDERATIONS, OAR 690-09-040**C1. 690-09-040 (1): Evaluation of aquifer confinement:**

Well	Aquifer or Proposed Aquifer	Confined	Unconfined
1	CRB	☒	☐
		☐	☐
		☐	☐
		☐	☐
		☐	☐

Basis for aquifer confinement evaluation: deep bedrock and basalt usually have confined aquifers**C2. 690-09-040 (2) (3): Evaluation of distance to, and hydraulic connection with, surface water sources. All wells located a horizontal distance less than ¼ mile from a surface water source that produce water from an unconfined aquifer shall be assumed to be hydraulically connected to the surface water source. Include in this table any streams located beyond one mile that are evaluated for PSI.**

Well	SW #	Surface Water Name	GW Elev ft msl	SW Elev ft msl	Distance (ft)	Hydraulically Connected?			Potential for Subst. Interfer. Assumed?	
						YES	NO	ASSUMED	YES	NO
1	1	Davis Creek	3820	3960	1400+	☐	☒	☐	☐	☒
1	2	Trib of Little Beech Creek	3820	3920	1700+	☐	☒	☐	☐	☒
1	3	Parker Spring	3960	3940	1100	☐	☒	☐	☐	☒
1	4	Big Springs of L Beech Cr	3820	3830	2900	☐	☒	☐	☐	☒
1	5	Davis Creek Springs	3820	3820	2900	☐	☒	☐	☐	☒
1	6	Little Beech @ 1+ mile	3730	3730	5280+	☐	☒	☐	☐	☒
1	7	Davis @ 1+ mile	3670	3670	5280+	☐	☒	☐	☐	☒
						☐	☐	☐	☐	☐
						☐	☐	☐	☐	☐

Basis for aquifer hydraulic connection evaluation: The presence of perennial surface water occurs in this dissected upland environment at the level of 3820' to 3830' at the springs. Well construction must case off those sources. Connection beyond a mile is probably avoided if development is below 350 feet. That is rather conventional in the CRB. The spring clusters are the perennial sources for Little Beech Creek and Davis Creek.

Water Availability Basin the well(s) are located within: Beech Creek and Above Beech Creek

C3a. 690-09-040 (4): Evaluation of stream impacts for each well that has been determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Limit evaluation to instream rights and minimum stream flows that are pertinent to that surface water source, and not lower SW sources to which the stream under evaluation is tributary. Compare the requested rate against the 1% of 80% natural flow for the pertinent Water Availability Basin (WAB). If Q is not distributed by well, use full rate for each well. Any checked ☒ box indicates the well is assumed to have the potential to cause PSI.

Well	SW #	Well < ¼ mile?	Qw > 5 cfs?	Instream Water Right ID	Instream Water Right Q (cfs)	Qw > 1% ISWR?	80% Natural Flow (cfs)	Qw > 1% of 80% Natural Flow?	Interference @ 30 days (%)	Potential for Subst. Interfer. Assumed?
1	1	☐	☐	MF212B	30 to 118	☐	61 to 364	☐		☐
1	2	☐	☐	MF203A	8 to 44	☐	1.37 to 35.8	☐		☐
1	3	☐	☐	none	none	☐	---	☐		☐
1	4	☐	☐	MF203A	8 to 44	☐	1.37 to 35.8	☐		☐
1	5	☐	☐	MF212B	30 to 118	☐	61 to 364	☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐
		☐	☐			☐		☐		☐

Basis for impact evaluation: NA

C4b. 690-09-040 (5) (b) The potential to impair or detrimentally affect the public interest is to be determined by the Water Rights Section.

C5. ☐ If properly conditioned, the surface water source(s) can be adequately protected from interference, and/or ground water use under this permit can be regulated if it is found to substantially interfere with surface water:

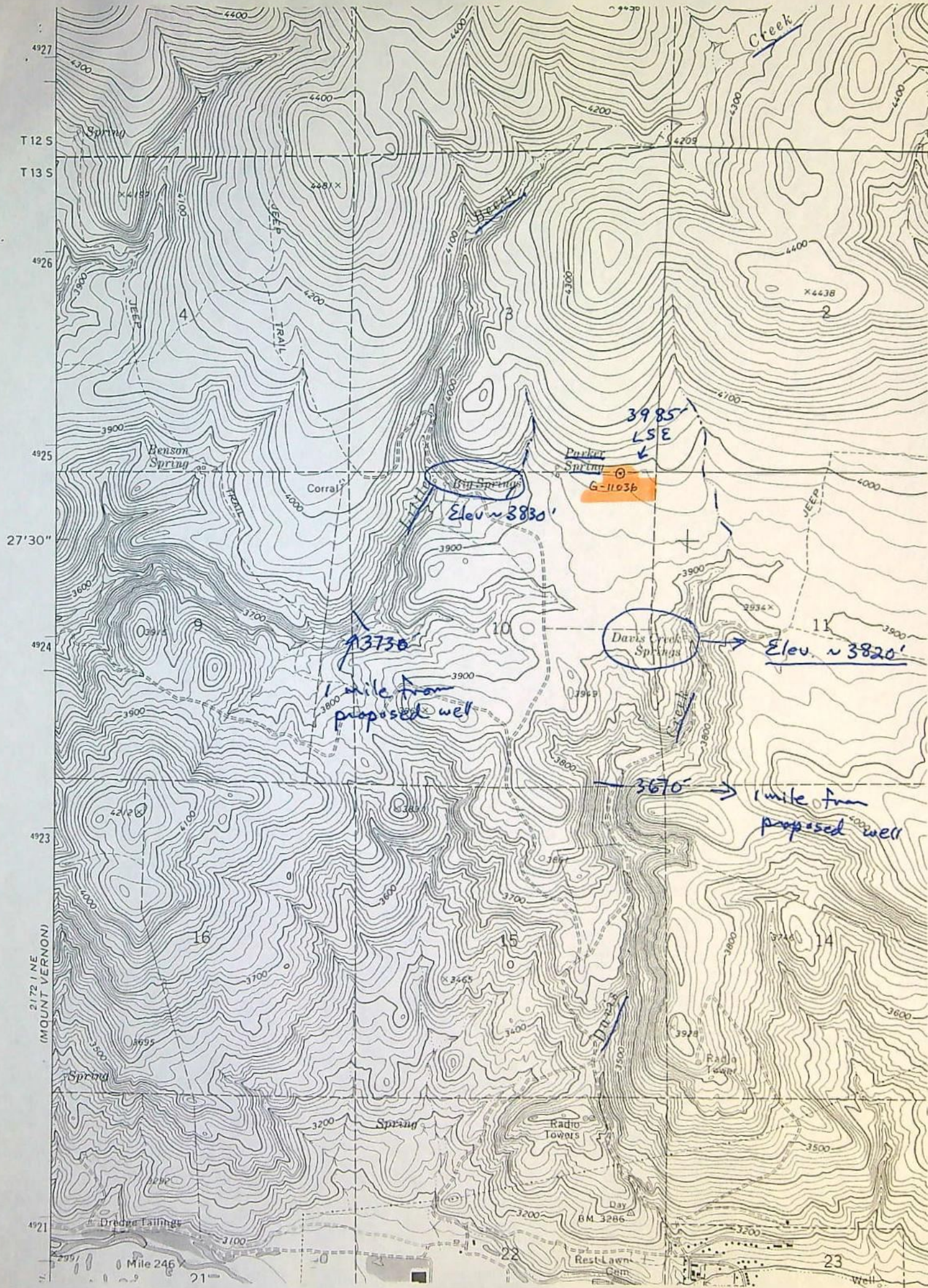
- i. ☐ The permit should contain condition #(s) _____;
- ii. ☐ The permit should contain special condition(s) as indicated in "Remarks" below;

C6. SW / GW Remarks and Conditions Little is known about the resource that the applicant seeks to develop much less the interaction with surface water. It is reasonable to assume that ground water flows to the nearby springs and creeks eventually. The exact point/areas of discharge are unclear but again it is reasonable to look at the major spring clusters that are within a mile and create the perennial base flow of the creeks. These creeks, Little Beech and Davis, are in different water availability basins.

Within the variability of well construction found in the application, I have reviewed the application based on a deep well construction. I conclude that the gw/sw analysis can only be favorable by doing that. Basically, I am thinking that a well must be at least 600 feet total depth and develop water deeper than 350 feet below land surface. This would seem to avoid connection within a mile of either creek and its major springs. The construction concept seeks to develop water that has a maximum head of about 3635' amsl. There is still the possibility that such a well could interfere with the creeks in unfavorable ways.

Protecting the springs is very important. I am assuming that avoiding the connection with the creeks within a mile will allow us to deem the resulting environment as not hydraulically connected. Ultimately, I think that there is a connection at some undefined locations on the creeks. This is consistent with the way that reviewers characterize the CRB and its confined aquifer nature, allowing a separation with surface water.

References Used: topo, logs, file G-17036, USGS Mineral Investigations Field Studies Map MF 51



Water Availability Analysis

BEECH CR> JOHN DAY R- AT MOUTH
JOHN DAY BASIN

Water Availability as of 7/14/2008

WAB per
website location
interactive

Watershed ID #: 203

Date: 7/14/2008

Exceedance Level: 80%

Time: 2:10 PM

Water Availability

Select any Watershed for Details

Nesting Order	Watershed ID #	Stream Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	209	JOHN DAY R> COLUMBIA R- AT MOUTH	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No
2	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	No	No	Yes	Yes	No	No	No	No	No	No	No
3	211	JOHN DAY R> COLUMBIA R- AB N FK JOHN DAY R	No	No	No	Yes	Yes	No	No	No	No	No	No	No
4	212	JOHN DAY R> COLUMBIA R- AB S FK JOHN DAY R	No	No	No	Yes	Yes	No	No	No	No	No	No	No
5	203	BEECH CR> JOHN DAY R- AT MOUTH	No	No	No	No	No	No	No	No	No	No	No	No

Limiting Watersheds

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Limiting Watershed ID #	Stream Name	Water Available?	Net Water Available
Jan	203	BEECH CR> JOHN DAY R- AT MOUTH	No	-25.10
Feb	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-162.00
Mar	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-598.00
Apr	203	BEECH CR> JOHN DAY R- AT MOUTH	No	-9.69
May	203	BEECH CR> JOHN DAY R- AT MOUTH	No	-18.30
Jun	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-993.00
Jul	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-315.00
Aug	209	JOHN DAY R> COLUMBIA R- AT MOUTH	No	-451.00
Sep	209	JOHN DAY R> COLUMBIA R- AT MOUTH	No	-439.00
Oct	209	JOHN DAY R> COLUMBIA R- AT MOUTH	No	-275.00
Nov	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-128.00
Dec	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-72.50
Storage Acre-Feet at 50%	203	BEECH CR> JOHN DAY R- AT MOUTH	Yes	2,630.00

Detailed Reports for Watershed ID #209

JOHN DAY R> COLUMBIA R- AT MOUTH
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 209

Date: 7/14/2008

Exceedance Level: 80%

Time: 2:10 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	626.00	20.10	606.00	1,710.00	500.00	48.20
Feb	1,050.00	27.90	1,020.00	3,320.00	1,000.00	-95.60
Mar	1,680.00	49.10	1,630.00	3,580.00	2,000.00	-533.00
Apr	2,920.00	157.00	2,760.00	7,150.00	2,000.00	489.00
May	3,020.00	319.00	2,700.00	6,900.00	2,000.00	456.00
Jun	1,440.00	293.00	1,150.00	1,440.00	2,000.00	-921.00
Jul	470.00	269.00	201.00	0.00	500.00	-299.00
Aug	246.00	197.00	49.10	0.00	500.00	-451.00
Sep	194.00	133.00	60.50	0.00	500.00	-439.00
Oct	283.00	57.80	225.00	0.00	500.00	-275.00
Nov	393.00	14.80	378.00	91.70	500.00	-122.00
Dec	513.00	18.00	495.00	1,090.00	500.00	-41.40
Storage Acre-Feet at 50%	1,370,000.00	94,400.00	1,270,000.00	1,520,000.00	753,000.00	521,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	7.79	0.00	6.00	0.72	0.57	2.53	2.51	0.00	20.10
Feb	15.60	0.00	6.00	0.72	0.57	2.53	2.51	0.00	27.90
Mar	22.20	14.60	6.00	0.72	0.57	2.53	2.51	0.00	49.10
Apr	30.50	114.00	6.00	0.72	0.57	2.53	2.51	0.00	157.00
May	30.60	276.00	6.00	0.72	0.57	2.53	2.50	0.00	319.00
Jun	16.20	260.00	11.30	0.72	0.57	2.53	2.50	0.00	293.00
Jul	4.19	248.00	11.30	0.72	0.57	2.53	1.75	0.00	269.00
Aug	1.99	178.00	11.30	0.72	0.57	2.53	1.75	0.00	197.00
Sep	1.59	115.00	11.30	0.72	0.57	2.53	1.75	0.00	133.00
Oct	2.22	44.00	6.00	0.72	0.57	2.53	1.76	0.00	57.80
Nov	3.27	0.00	6.00	0.72	0.57	2.53	1.76	0.00	14.80
Dec	5.70	0.00	6.00	0.72	0.57	2.53	2.51	0.00	18.00

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80601A	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69
RN80602A	5.29	10.30	8.65	19.60	19.90	2.90	0.00	0.00	0.00	0.00	0.00	3.06
RN80603A	8.99	21.70	51.00	95.10	87.00	37.50	0.00	0.00	0.00	0.00	0.00	4.62
RN80604A	23.50	47.10	45.40	104.00	106.00	14.40	0.00	0.00	0.00	0.00	0.00	16.60
RN80605A	10.30	22.20	34.50	19.20	3.54	14.40	0.00	0.00	0.00	0.00	0.00	5.45
Total	57.60	117.70	164.05	273.50	245.94	82.10	0.00	0.00	0.00	0.00	0.00	36.42

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF209A	CERTIFICATE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SY90605A	SWW	500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00
Maximum		500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00

Detailed Reports for Watershed ID #210

JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 210

Date: 7/14/2008

Exceedance Level: 80%

Time: 2:10 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	556.00	15.70	540.00	1,670.00	500.00	-7.10
Feb	953.00	19.70	933.00	3,240.00	1,000.00	-162.00
Mar	1,560.00	28.90	1,530.00	3,460.00	2,000.00	-598.00
Apr	2,710.00	102.00	2,610.00	7,080.00	2,000.00	354.00
May	2,860.00	195.00	2,660.00	6,890.00	2,000.00	423.00
Jun	1,270.00	195.00	1,080.00	1,440.00	2,000.00	-993.00
Jul	420.00	235.00	185.00	0.00	500.00	-315.00
Aug	242.00	182.00	60.20	0.00	500.00	-440.00
Sep	203.00	124.00	79.40	0.00	500.00	-421.00
Oct	280.00	52.80	227.00	0.00	500.00	-273.00
Nov	384.00	12.30	372.00	83.10	500.00	-128.00
Dec	473.00	14.50	458.00	1,070.00	500.00	-72.50
Storage Acre-Feet at 50%	1,250,000.00	71,400.00	1,180,000.00	1,500,000.00	753,000.00	437,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	4.73	0.00	5.02	0.72	0.57	2.34	2.38	0.00	15.70
Feb	8.69	0.00	5.02	0.72	0.57	2.34	2.38	0.00	19.70
Mar	12.30	5.57	5.02	0.72	0.57	2.34	2.38	0.00	28.90
Apr	19.90	71.30	5.02	0.72	0.57	2.34	2.38	0.00	102.00
May	20.10	164.00	5.02	0.72	0.57	2.34	2.37	0.00	195.00
Jun	10.00	170.00	9.33	0.72	0.57	2.34	2.37	0.00	195.00
Jul	2.64	218.00	9.33	0.72	0.57	2.34	1.62	0.00	235.00
Aug	1.26	166.00	9.33	0.72	0.57	2.34	1.62	0.00	182.00
Sep	1.05	108.00	9.33	0.72	0.57	2.34	1.62	0.00	124.00
Oct	1.56	41.00	5.02	0.72	0.57	2.34	1.63	0.00	52.80
Nov	2.05	0.00	5.02	0.72	0.57	2.34	1.63	0.00	12.30
Dec	3.51	0.00	5.02	0.72	0.57	2.34	2.38	0.00	14.50

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80601A	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69
RN80602A	5.29	10.30	8.65	19.60	19.90	2.90	0.00	0.00	0.00	0.00	0.00	3.06
RN80603A	8.99	21.70	51.00	95.10	87.00	37.50	0.00	0.00	0.00	0.00	0.00	4.62
RN80604A	23.50	47.10	45.40	104.00	106.00	14.40	0.00	0.00	0.00	0.00	0.00	16.60
Total	47.30	95.50	129.55	254.30	242.40	67.70	0.00	0.00	0.00	0.00	0.00	30.97

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF210A	CERTIFICATE	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
SY90604A	SWW	500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00
Maximum		500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00

Detailed Reports for Watershed ID #211

JOHN DAY R> COLUMBIA R- AB N FK JOHN DAY R

JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 211

Date: 7/14/2008

Exceedance Level: ☒ 80%

Time: 2:10 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	263.00	10.70	252.00	302.00	120.00	123.00
Feb	388.00	13.40	375.00	519.00	160.00	198.00
Mar	546.00	16.00	530.00	777.00	160.00	345.00
Apr	813.00	54.30	759.00	1,130.00	160.00	563.00
May	717.00	96.70	620.00	934.00	160.00	431.00
Jun	387.00	122.00	265.00	409.00	120.00	132.00
Jul	181.00	168.00	13.20	0.00	60.00	-46.80
Aug	118.00	131.00	-13.50	0.00	60.00	-73.50
Sep	95.60	89.60	5.97	0.00	60.00	-54.00
Oct	154.00	38.00	116.00	0.00	60.00	56.00
Nov	206.00	8.89	197.00	27.70	120.00	77.10
Dec	240.00	9.75	230.00	212.00	120.00	104.00
Storage Acre-Feet at 50%	403,000.00	46,000.00	357,000.00	259,000.00	81,800.00	271,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	4.36	0.00	3.65	0.51	0.10	0.89	1.19	0.00	10.70
Feb	7.01	0.00	3.65	0.51	0.10	0.89	1.19	0.00	13.40
Mar	9.67	0.00	3.65	0.51	0.10	0.89	1.19	0.00	16.00
Apr	13.60	34.30	3.65	0.51	0.10	0.89	1.19	0.00	54.30
May	12.10	78.20	3.65	0.51	0.10	0.89	1.19	0.00	96.70
Jun	7.40	105.00	7.31	0.51	0.10	0.89	1.19	0.00	122.00
Jul	2.77	155.00	7.31	0.51	0.10	0.89	1.19	0.00	168.00
Aug	1.46	120.00	7.31	0.51	0.10	0.89	1.19	0.00	131.00
Sep	1.23	78.40	7.31	0.51	0.10	0.89	1.19	0.00	89.60
Oct	2.04	29.60	3.65	0.51	0.10	0.89	1.19	0.00	38.00
Nov	2.54	0.00	3.65	0.51	0.10	0.89	1.19	0.00	8.89
Dec	3.41	0.00	3.65	0.51	0.10	0.89	1.19	0.00	9.75

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80601A	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69
Total	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF211A	CERTIFICATE	120.00	160.00	160.00	160.00	160.00	120.00	60.00	60.00	60.00	60.00	120.00	120.00
Maximum		120.00	160.00	160.00	160.00	160.00	120.00	60.00	60.00	60.00	60.00	120.00	120.00

Detailed Reports for Watershed ID #212

JOHN DAY R> COLUMBIA R- AB S FK JOHN DAY R
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 212

Date: 7/14/2008

Exceedance Level:

Time: 2:10 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	166.00	4.75	161.00	0.00	80.00	81.20
Feb	210.00	5.09	205.00	0.00	118.00	86.90
Mar	288.00	5.51	282.00	0.00	118.00	164.00
Apr	433.00	31.10	402.00	0.00	118.00	284.00
May	433.00	63.10	370.00	0.00	118.00	252.00
Jun	261.00	83.70	177.00	0.00	80.00	97.30
Jul	129.00	120.00	9.37	0.00	50.00	-40.60

Aug	88.60	93.50	-4.86	0.00	30.00	-34.90
Sep	64.70	63.30	1.39	0.00	30.00	-28.60
Oct	108.00	26.10	81.90	0.00	50.00	31.90
Nov	143.00	4.56	138.00	0.00	80.00	58.40
Dec	156.00	4.69	151.00	0.00	80.00	71.30
Storage Acre-Feet at 50%	235,000.00	30,700.00	204,000.00	0.00	57,300.00	149,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	0.65	0.00	1.99	0.40	0.10	0.81	0.81	0.00	4.75
Feb	0.98	0.00	1.99	0.40	0.10	0.81	0.81	0.00	5.09
Mar	1.41	0.00	1.99	0.40	0.10	0.81	0.81	0.00	5.51
Apr	1.97	25.00	1.99	0.40	0.10	0.81	0.81	0.00	31.10
May	2.05	56.90	1.99	0.40	0.10	0.81	0.81	0.00	63.10
Jun	1.42	76.20	3.97	0.40	0.10	0.81	0.81	0.00	83.70
Jul	0.54	113.00	3.97	0.40	0.10	0.81	0.81	0.00	120.00
Aug	0.27	87.10	3.97	0.40	0.10	0.81	0.81	0.00	93.50
Sep	0.22	57.00	3.97	0.40	0.10	0.81	0.81	0.00	63.30
Oct	0.40	21.60	1.99	0.40	0.10	0.81	0.81	0.00	26.10
Nov	0.45	0.00	1.99	0.40	0.10	0.81	0.81	0.00	4.56
Dec	0.58	0.00	1.99	0.40	0.10	0.81	0.81	0.00	4.69

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

There are no Reservations for this Watershed

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF212A	CERTIFICATE	80.00	118.00	118.00	118.00	118.00	80.00	50.00	30.00	30.00	50.00	80.00	80.00
Maximum		80.00	118.00	118.00	118.00	118.00	80.00	50.00	30.00	30.00	50.00	80.00	80.00

Detailed Reports for Watershed ID #203

BEECH CR> JOHN DAY R- AT MOUTH

JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 203

Date: 7/14/2008

Exceedance Level: 80%

Time: 2:10 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	5.50	0.61	4.89	0.00	30.00	-25.10
Feb	13.40	0.62	12.80	0.00	44.00	-31.20
Mar	21.90	0.62	21.30	0.00	44.00	-22.70
Apr	35.80	1.49	34.30	0.00	44.00	-9.69
May	28.30	2.59	25.70	0.00	44.00	-18.30
Jun	11.40	3.25	8.15	0.00	30.00	-21.80
Jul	3.15	4.49	-1.34	0.00	15.00	-16.30
Aug	1.50	3.61	-2.11	0.00	8.00	-10.10
Sep	1.37	2.58	-1.21	0.00	8.00	-9.21
Oct	1.54	1.35	0.19	0.00	8.00	-7.81
Nov	3.00	0.61	2.39	0.00	15.00	-12.60
Dec	4.65	0.61	4.04	0.00	30.00	-26.00
Storage Acre-Feet at 50%	16,600.00	1,360.00	15,400.00	0.00	19,200.00	2,630.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	0.00	0.00	0.00	0.00	0.08	0.02	0.51	0.00	0.61
Feb	0.01	0.00	0.00	0.00	0.08	0.02	0.51	0.00	0.62
Mar	0.01	0.00	0.00	0.00	0.08	0.02	0.51	0.00	0.62
Apr	0.02	0.86	0.00	0.00	0.08	0.02	0.51	0.00	1.49
May	0.02	1.96	0.00	0.00	0.08	0.02	0.51	0.00	2.59
Jun	0.01	2.63	0.00	0.00	0.08	0.02	0.51	0.00	3.25
Jul	0.00	3.88	0.00	0.00	0.08	0.02	0.51	0.00	4.49
Aug	0.00	3.00	0.00	0.00	0.08	0.02	0.51	0.00	3.61
Sep	0.00	1.97	0.00	0.00	0.08	0.02	0.51	0.00	2.58
Oct	0.00	0.74	0.00	0.00	0.08	0.02	0.51	0.00	1.35
Nov	0.00	0.00	0.00	0.00	0.08	0.02	0.51	0.00	0.61
Dec	0.00	0.00	0.00	0.00	0.08	0.02	0.51	0.00	0.61

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

There are no Reservations for this Watershed

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF203A	CERTIFICATE	30.00	44.00	44.00	44.00	44.00	30.00	15.00	8.00	8.00	8.00	15.00	30.00
Maximum		30.00	44.00	44.00	44.00	44.00	30.00	15.00	8.00	8.00	8.00	15.00	30.00

Water Availability Analysis

JOHN DAY R> COLUMBIA R- AB BEECH CR

JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 30620117

Date: 7/14/2008

Exceedance Level: 80%

Time: 3:14 PM

Pumping would
likely influence
Davis Creek flows too

Water Availability

Select any Watershed for Details

Nesting Order	Watershed ID #	Stream Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	209	JOHN DAY R> COLUMBIA R- AT MOUTH	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No
2	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	No	No	Yes	Yes	No	No	No	No	No	No	No
3	211	JOHN DAY R> COLUMBIA R- AB N FK JOHN DAY R	No	No	No	Yes	Yes	No	No	No	No	No	No	No
4	212	JOHN DAY R> COLUMBIA R- AB S FK JOHN DAY R	No	No	No	Yes	Yes	No	No	No	No	No	No	No
5	30620117	JOHN DAY R> COLUMBIA R- AB BEECH CR	No	No	No	Yes	Yes	No	No	No	No	No	No	No

Limiting Watersheds

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Limiting Watershed ID #	Stream Name	Water Available?	Net Water Available
Jan	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-7.10
Feb	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-162.00
Mar	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-598.00
Apr	30620117	JOHN DAY R> COLUMBIA R- AB BEECH CR	Yes	217.00
May	30620117	JOHN DAY R> COLUMBIA R- AB BEECH CR	Yes	166.00
Jun	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-993.00
Jul	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-315.00
Aug	209	JOHN DAY R> COLUMBIA R- AT MOUTH	No	-451.00
Sep	209	JOHN DAY R> COLUMBIA R- AT MOUTH	No	-439.00
Oct	209	JOHN DAY R> COLUMBIA R- AT MOUTH	No	-275.00
Nov	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-128.00
Dec	210	JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN	No	-72.50
Storage Acre-Feet at 50%	30620117	JOHN DAY R> COLUMBIA R- AB BEECH CR	Yes	85,300.00

Detailed Reports for Watershed ID #209

JOHN DAY R> COLUMBIA R- AT MOUTH

JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 209

Date: 7/14/2008

Exceedance Level: 80%

Time: 3:14 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	626.00	20.10	606.00	1,710.00	500.00	48.20
Feb	1,050.00	27.90	1,020.00	3,320.00	1,000.00	-95.60
Mar	1,680.00	49.10	1,630.00	3,580.00	2,000.00	-533.00
Apr	2,920.00	157.00	2,760.00	7,150.00	2,000.00	489.00
May	3,020.00	319.00	2,700.00	6,900.00	2,000.00	456.00
Jun	1,440.00	293.00	1,150.00	1,440.00	2,000.00	-921.00
Jul	470.00	269.00	201.00	0.00	500.00	-299.00
Aug	246.00	197.00	49.10	0.00	500.00	-451.00
Sep	194.00	133.00	60.50	0.00	500.00	-439.00
Oct	283.00	57.80	225.00	0.00	500.00	-275.00
Nov	393.00	14.80	378.00	91.70	500.00	-122.00
Dec	513.00	18.00	495.00	1,090.00	500.00	-41.40
Storage Acre-Feet at 50%	1,370,000.00	94,400.00	1,270,000.00	1,520,000.00	753,000.00	521,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	7.79	0.00	6.00	0.72	0.57	2.53	2.51	0.00	20.10
Feb	15.60	0.00	6.00	0.72	0.57	2.53	2.51	0.00	27.90
Mar	22.20	14.60	6.00	0.72	0.57	2.53	2.51	0.00	49.10
Apr	30.50	114.00	6.00	0.72	0.57	2.53	2.51	0.00	157.00
May	30.60	276.00	6.00	0.72	0.57	2.53	2.50	0.00	319.00
Jun	16.20	260.00	11.30	0.72	0.57	2.53	2.50	0.00	293.00
Jul	4.19	248.00	11.30	0.72	0.57	2.53	1.75	0.00	269.00
Aug	1.99	178.00	11.30	0.72	0.57	2.53	1.75	0.00	197.00
Sep	1.59	115.00	11.30	0.72	0.57	2.53	1.75	0.00	133.00
Oct	2.22	44.00	6.00	0.72	0.57	2.53	1.76	0.00	57.80
Nov	3.27	0.00	6.00	0.72	0.57	2.53	1.76	0.00	14.80
Dec	5.70	0.00	6.00	0.72	0.57	2.53	2.51	0.00	18.00

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80601A	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69
RN80602A	5.29	10.30	8.65	19.60	19.90	2.90	0.00	0.00	0.00	0.00	0.00	3.06
RN80603A	8.99	21.70	51.00	95.10	87.00	37.50	0.00	0.00	0.00	0.00	0.00	4.62
RN80604A	23.50	47.10	45.40	104.00	106.00	14.40	0.00	0.00	0.00	0.00	0.00	16.60
RN80605A	10.30	22.20	34.50	19.20	3.54	14.40	0.00	0.00	0.00	0.00	0.00	5.45
Total	57.60	117.70	164.05	273.50	245.94	82.10	0.00	0.00	0.00	0.00	0.00	36.42

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF209A	CERTIFICATE	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
SY90605A	SWW	500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00
Maximum		500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00

Detailed Reports for Watershed ID #210

JOHN DAY R> COLUMBIA R- AB HEIDTMANN CAN
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 210

Date: 7/14/2008

Exceedance Level: ☒ 80%

Time: 3:14 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	556.00	15.70	540.00	1,670.00	500.00	-7.10
Feb	953.00	19.70	933.00	3,240.00	1,000.00	-162.00
Mar	1,560.00	28.90	1,530.00	3,460.00	2,000.00	-598.00
Apr	2,710.00	102.00	2,610.00	7,080.00	2,000.00	354.00
May	2,860.00	195.00	2,660.00	6,890.00	2,000.00	423.00
Jun	1,270.00	195.00	1,080.00	1,440.00	2,000.00	-993.00
Jul	420.00	235.00	185.00	0.00	500.00	-315.00
Aug	242.00	182.00	60.20	0.00	500.00	-440.00
Sep	203.00	124.00	79.40	0.00	500.00	-421.00
Oct	280.00	52.80	227.00	0.00	500.00	-273.00
Nov	384.00	12.30	372.00	83.10	500.00	-128.00
Dec	473.00	14.50	458.00	1,070.00	500.00	-72.50
Storage Acre-Feet at 50%	1,250,000.00	71,400.00	1,180,000.00	1,500,000.00	753,000.00	437,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	4.73	0.00	5.02	0.72	0.57	2.34	2.38	0.00	15.70
Feb	8.69	0.00	5.02	0.72	0.57	2.34	2.38	0.00	19.70
Mar	12.30	5.57	5.02	0.72	0.57	2.34	2.38	0.00	28.90
Apr	19.90	71.30	5.02	0.72	0.57	2.34	2.38	0.00	102.00
May	20.10	164.00	5.02	0.72	0.57	2.34	2.37	0.00	195.00
Jun	10.00	170.00	9.33	0.72	0.57	2.34	2.37	0.00	195.00
Jul	2.64	218.00	9.33	0.72	0.57	2.34	1.62	0.00	235.00
Aug	1.26	166.00	9.33	0.72	0.57	2.34	1.62	0.00	182.00
Sep	1.05	108.00	9.33	0.72	0.57	2.34	1.62	0.00	124.00
Oct	1.56	41.00	5.02	0.72	0.57	2.34	1.63	0.00	52.80
Nov	2.05	0.00	5.02	0.72	0.57	2.34	1.63	0.00	12.30
Dec	3.51	0.00	5.02	0.72	0.57	2.34	2.38	0.00	14.50

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80601A	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69
RN80602A	5.29	10.30	8.65	19.60	19.90	2.90	0.00	0.00	0.00	0.00	0.00	3.06
RN80603A	8.99	21.70	51.00	95.10	87.00	37.50	0.00	0.00	0.00	0.00	0.00	4.62
RN80604A	23.50	47.10	45.40	104.00	106.00	14.40	0.00	0.00	0.00	0.00	0.00	16.60
Total	47.30	95.50	129.55	254.30	242.40	67.70	0.00	0.00	0.00	0.00	0.00	30.97

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF210A	CERTIFICATE	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00	30.00
SY90604A	SWW	500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00
Maximum		500.00	1,000.00	2,000.00	2,000.00	2,000.00	2,000.00	500.00	500.00	500.00	500.00	500.00	500.00

Detailed Reports for Watershed ID #211

JOHN DAY R> COLUMBIA R- AB N FK JOHN DAY R
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 211

Exceedance Level: 80%

Date: 7/14/2008

Time: 3:14 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	263.00	10.70	252.00	302.00	120.00	123.00
Feb	388.00	13.40	375.00	519.00	160.00	198.00
Mar	546.00	16.00	530.00	777.00	160.00	345.00
Apr	813.00	54.30	759.00	1,130.00	160.00	563.00
May	717.00	96.70	620.00	934.00	160.00	431.00
Jun	387.00	122.00	265.00	409.00	120.00	132.00
Jul	181.00	168.00	13.20	0.00	60.00	-46.80
Aug	118.00	131.00	-13.50	0.00	60.00	-73.50
Sep	95.60	89.60	5.97	0.00	60.00	-54.00
Oct	154.00	38.00	116.00	0.00	60.00	56.00
Nov	206.00	8.89	197.00	27.70	120.00	77.10
Dec	240.00	9.75	230.00	212.00	120.00	104.00
Storage Acre-Feet at 50%	403,000.00	46,000.00	357,000.00	259,000.00	81,800.00	271,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	4.36	0.00	3.65	0.51	0.10	0.89	1.19	0.00	10.70
Feb	7.01	0.00	3.65	0.51	0.10	0.89	1.19	0.00	13.40
Mar	9.67	0.00	3.65	0.51	0.10	0.89	1.19	0.00	16.00
Apr	13.60	34.30	3.65	0.51	0.10	0.89	1.19	0.00	54.30
May	12.10	78.20	3.65	0.51	0.10	0.89	1.19	0.00	96.70
Jun	7.40	105.00	7.31	0.51	0.10	0.89	1.19	0.00	122.00
Jul	2.77	155.00	7.31	0.51	0.10	0.89	1.19	0.00	168.00
Aug	1.46	120.00	7.31	0.51	0.10	0.89	1.19	0.00	131.00
Sep	1.23	78.40	7.31	0.51	0.10	0.89	1.19	0.00	89.60
Oct	2.04	29.60	3.65	0.51	0.10	0.89	1.19	0.00	38.00
Nov	2.54	0.00	3.65	0.51	0.10	0.89	1.19	0.00	8.89
Dec	3.41	0.00	3.65	0.51	0.10	0.89	1.19	0.00	9.75

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

Application #	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
RN80601A	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69
Total	9.52	16.40	24.50	35.60	29.50	12.90	0.00	0.00	0.00	0.00	0.00	6.69

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF211A	CERTIFICATE	120.00	160.00	160.00	160.00	160.00	120.00	60.00	60.00	60.00	60.00	120.00	120.00
Maximum		120.00	160.00	160.00	160.00	160.00	120.00	60.00	60.00	60.00	60.00	120.00	120.00

Detailed Reports for Watershed ID #212

JOHN DAY R> COLUMBIA R- AB S FK JOHN DAY R
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 212

Date: 7/14/2008

Exceedance Level:

Time: 3:14 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Expected Stream Storage	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	166.00	4.75	161.00	80.00	81.20
Feb	210.00	5.09	205.00	118.00	86.90
Mar	288.00	5.51	282.00	118.00	164.00
Apr	433.00	31.10	402.00	118.00	284.00
May	433.00	63.10	370.00	118.00	252.00
Jun	261.00	83.70	177.00	80.00	97.30
Jul	129.00	120.00	9.37	50.00	-40.60

Aug	88.60	93.50	-4.86	0.00	30.00	-34.90
Sep	64.70	63.30	1.39	0.00	30.00	-28.60
Oct	108.00	26.10	81.90	0.00	50.00	31.90
Nov	143.00	4.56	138.00	0.00	80.00	58.40
Dec	156.00	4.69	151.00	0.00	80.00	71.30
Storage Acre-Feet at 50%	235,000.00	30,700.00	204,000.00	0.00	57,300.00	149,000.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	0.65	0.00	1.99	0.40	0.10	0.81	0.81	0.00	4.75
Feb	0.98	0.00	1.99	0.40	0.10	0.81	0.81	0.00	5.09
Mar	1.41	0.00	1.99	0.40	0.10	0.81	0.81	0.00	5.51
Apr	1.97	25.00	1.99	0.40	0.10	0.81	0.81	0.00	31.10
May	2.05	56.90	1.99	0.40	0.10	0.81	0.81	0.00	63.10
Jun	1.42	76.20	3.97	0.40	0.10	0.81	0.81	0.00	83.70
Jul	0.54	113.00	3.97	0.40	0.10	0.81	0.81	0.00	120.00
Aug	0.27	87.10	3.97	0.40	0.10	0.81	0.81	0.00	93.50
Sep	0.22	57.00	3.97	0.40	0.10	0.81	0.81	0.00	63.30
Oct	0.40	21.60	1.99	0.40	0.10	0.81	0.81	0.00	26.10
Nov	0.45	0.00	1.99	0.40	0.10	0.81	0.81	0.00	4.56
Dec	0.58	0.00	1.99	0.40	0.10	0.81	0.81	0.00	4.69

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

There are no Reservations for this Watershed

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF212A	CERTIFICATE	80.00	118.00	118.00	118.00	118.00	80.00	50.00	30.00	30.00	50.00	80.00	80.00
Maximum		80.00	118.00	118.00	118.00	118.00	80.00	50.00	30.00	30.00	50.00	80.00	80.00

Detailed Reports for Watershed ID #30620117

JOHN DAY R> COLUMBIA R- AB BEECH CR
JOHN DAY BASIN

Water Availability as of 7/14/2008

Watershed ID #: 30620117

Date: 7/14/2008

Exceedance Level: 80%

Time: 3:14 PM

Water Availability Calculation

Monthly Streamflows in Cubic Feet per Second

Storage at 50% Exceedance in Acre-Feet

Month	Natural Stream Flow	Consumptive Use and Storage	Expected Stream Flow	Reserved Stream Flow	Instream Requirement	Net Water Available
Jan	126.00	3.99	122.00	0.00	80.00	42.00
Feb	165.00	4.22	161.00	0.00	118.00	42.80
Mar	234.00	4.45	230.00	0.00	118.00	112.00
Apr	364.00	28.50	335.00	0.00	118.00	217.00
May	343.00	59.00	284.00	0.00	118.00	166.00
Jun	195.00	78.80	116.00	0.00	80.00	36.20
Jul	113.00	113.00	0.14	0.00	50.00	-49.90
Aug	70.60	88.20	-17.60	0.00	30.00	-47.60
Sep	61.20	59.70	1.55	0.00	30.00	-28.50
Oct	96.80	24.20	72.60	0.00	50.00	22.60
Nov	113.00	3.83	109.00	0.00	80.00	29.20
Dec	125.00	3.94	121.00	0.00	80.00	41.10
Storage Acre-Feet at 50%	181,000.00	28,600.00	152,000.00	0.00	57,300.00	97,100.00

Detailed Report of Consumptive Uses and Storages

Consumptive Uses and Storages in Cubic Feet per Second

Month	Storage	Irrigation	Municipal	Industrial	Commercial	Domestic	Agricultural	Other	Total
Jan	0.59	0.00	1.99	0.51	0.03	0.66	0.22	0.00	3.99
Feb	0.81	0.00	1.99	0.51	0.03	0.66	0.22	0.00	4.22
Mar	1.05	0.00	1.99	0.51	0.03	0.66	0.22	0.00	4.45
Apr	1.52	23.60	1.99	0.51	0.03	0.66	0.22	0.00	28.50
May	1.73	53.90	1.99	0.51	0.03	0.66	0.22	0.00	59.00
Jun	1.24	72.20	3.97	0.51	0.03	0.66	0.22	0.00	78.80
Jul	0.47	107.00	3.97	0.51	0.03	0.66	0.22	0.00	113.00
Aug	0.27	82.50	3.97	0.51	0.03	0.66	0.22	0.00	88.20
Sep	0.26	54.00	3.97	0.51	0.03	0.66	0.22	0.00	59.70
Oct	0.35	20.40	1.99	0.51	0.03	0.66	0.22	0.00	24.20
Nov	0.42	0.00	1.99	0.51	0.03	0.66	0.22	0.00	3.83
Dec	0.53	0.00	1.99	0.51	0.03	0.66	0.22	0.00	3.94

Detailed Report of Reservations for Consumptive Use

Reserved Streamflow in Cubic Feet per Second

There are no Reservations for this Watershed

Detailed Report of Instream Requirements

Instream Requirements in Cubic Feet per Second

Application #	Status	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
MF212B	CERTIFICATE	80.00	118.00	118.00	118.00	118.00	80.00	50.00	30.00	30.00	50.00	80.00	80.00
Maximum		80.00	118.00	118.00	118.00	118.00	80.00	50.00	30.00	30.00	50.00	80.00	80.00

Parker
Spring?

STATE OF OREGON
COUNTY OF GRANT
CERTIFICATE OF WATER RIGHT

This Is to Certify, That JOHN J. SILVERS
of John Day, State of Oregon, has made proof
to the satisfaction of the STATE ENGINEER of Oregon, of a right to the use of the waters of
Series of springs on Beech Creek watershed
a tributary of John Day River for the purpose of
Irrigation

under Permit No. 11115 of the State Engineer, and that said right to the use of said waters
has been perfected in accordance with the laws of Oregon; that the priority of the right hereby
confirmed dates from November 8, 1933;

that the amount of water to which such right is entitled and hereby confirmed, for the purposes
aforesaid, is limited to an amount actually beneficially use! for said purposes, and shall not exceed
0.05 cubic foot per second measured at the point of diversion from the stream,

or its equivalent in case of rotation.

The point of diversion is located in the SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 3, Township 13 South, Range
31 East, W. M.

The amount of water used for irrigation, together with the amount secured under any other
right existing for the same lands, shall be limited to one-fortieth of one cubic foot per second
~~per acre~~, for each acre irrigated prior to June 1, and thereafter one-eightieth of
one cubic foot per second for each acre irrigated, or its equivalent, shall not
exceed one acre foot per acre during any month prior to June 1, nor exceed a total
during the irrigation season from April 1 to September 30 of each year of four
acre feet per acre, and shall

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

A description of the place of use under the right hereby confirmed, and to which such right
is appurtenant, is as follows:

4 acres in the SW $\frac{1}{4}$ SE $\frac{1}{4}$,
Section 3,
Township 13 South, Range 31 East, W. M.

The right to the use of the water for the purposes aforesaid is restricted to the lands or place of
use herein described.

After the expiration of fifty years from the date of this certificate or on the expiration of any
federal power license issued in connection with this right, and after not less than two years' notice in
writing to the holder hereof, the State of Oregon, or any municipality thereof, shall have the right to
take over the dams, plants and other structures and all appurtenances thereto which have been con-
structed for the purpose of devoting to beneficial use the water rights specified herein, upon condition
that before taking possession the State or municipality shall pay not to exceed the fair value of the
property so taken, plus such reasonable damages, if any, to valuable, serviceable and dependable prop-
erty of the holder of this certificate, not taken over, as may be caused by the severance therefrom of
the property taken in accordance with the provisions of section 47-508, Oregon Code 1930.

WITNESS the signature of the State Engineer, affixed

this 20th day of June, 1936.

CHAS. E. STRICKLIN
State Engineer

Recorded in State Record of Water Right Certificates, Volume 10, page 11485

GRAN 50864

For Official Use Only by The Oregon Water Resources Department:

Received Date:

County Well Log ID #

Well Identification Tag #

"GRAN 50864"

38711

WELL IDENTIFICATION APPLICATION FORM

INSTRUCTIONS ARE IN THE ACCOMPANYING "DEAR LANDOWNER" LETTER. FOR SHARED WELLS PLEASE SEE THE 3RD PARAGRAPH FROM THE TOP IN THE LETTER. Your ID Tag will be mailed out in approximately 10 days from the date we receive your application.)

****BUYER OR CURRENT LANDOWNER** (For the property that the well is located on. The Well ID tag will be sent to this address unless otherwise specified here.)

Landowner's or Buyer's Name: Jeffrey and Barbara RiggsMailing Address: P.O. Box 122City: Dayville State: OR Zip: 97825 Phone: (541) 987-2194****WELL LOCATION:**County: Grant Well # n/a (if multiple wells exist on same property-ie: well #1, #2, etc.)Township: 13S North or South, Range: 31E East or West, Section: 3 SW 1/4 SE 1/4
(circle one) (circle one) (If known)Tax Lot #: 1037 Type of Well: water supply? domestic monitoring? n/a
(Not the same as the tax acct. #) (Ex: domestic or irrigation use) (Ex: monitoring water for contaminants)Address of Well: no site address Lat/Long: 44° 27.7064' N 118° 57.9932' W
(Number) (Street) (City) (Zip)(Optional): Does this well have a formal water right associated with it? Yes: _____ No: X
(If unknown you may want to contact the Water Rights Group at 503-986-0945 for research)

If Yes: Application #: _____ Permit #: _____ Certificate #: _____

(Optional): Latitude 44° 27.7064' N Longitude 118° 57.9932' W (May sometimes be obtained from Well Log Report)

****WELL INFORMATION:** (Important note: If attaching a well log you obtained from our web-site please be certain that you have the correct log. Simply matching the tax lot number isn't enough. See attached instructions for assistance. If a well report is not available please complete as much of the following as possible, at a minimum the prior landowner names going back until around the time the well would have been drilled. Prior landowner names can be obtained from the County Assessor - see instructions.)

Start Card # from well log report if known: unknown Approx. Well Construction Date: unknownWell Constructor if known: unknown

Name of Land Owner at Time of Construction (or prior landowners, going back in time to when well was constructed - contact your county assessor for list)

Richard S. PageWell Depth (in feet): ? Static Water Level (in feet): ? Diameter of Exposed Well Casing (in inches): ?

Please Return Completed Form to: Well ID Program, Oregon Water Resources Department
725 Summer St. NE, Suite A, Salem, OR 97301-1271, or fax to 503-986-0902 (App)

RECEIVED

JAN 18 2007

WATER RESOURCES DEPT.
SALEM, OREGON

GRAN 50928

"nearby"

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

WELL I.D. # 93380
START CARD # 195156

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

(1) LAND OWNER Blue Brethhurst Well Number _____
Name Blue Brethhurst
Address PO Box 463
City Tecumseh State OR Zip 97760

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: ☐ Yes ☒ No
Depth of Completed Well 120 ft.
Explosives used: ☐ Yes ☒ No Type _____ Amount _____

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
10	0	22	BENTONITE	0	22	11 SACKS
6	22	120				

How was seal placed: Method ☐ A ☐ B ☐ C ☐ D ☐ E
☒ Other Box in

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

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6	0	22	.25	☒	☐	☐	☐
Liner: 4.5	10	120	.25	☐	☒	☐	☒

Drive Shoe used ☐ Inside ☐ Outside ☒ None
Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS
☒ Perforations Method Saw Cut
☐ Screens Type 188 Material PVC

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
90	110	188	4	4.5	4.5	☐	☒
						☐	☐
						☐	☐
						☐	☐

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
30	100%	120	1hr

Temperature of water 58 Depth Artesian Flow Found 90
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 (legal description)
County Grant
Tax Lot 1009 Lot _____
Township 13 N or S Range 31 or W WM
Section 14 1/4 1/4
Lat 44° 26' 04" or _____ (degrees or decimal)
Long 118° 58' 12" or _____ (degrees or decimal)
Street Address of Well (or nearest address) State Cr Rd

(10) STATIC WATER LEVEL
12 ft. below land surface. Date 19 Dec 07
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES
Depth at which water was first found 89
From 89 To 107 Estimated Flow Rate 30 SWL 12

(12) WELL LOG Ground Elevation 3337

Material	From	To	SWL
Topsoil & Silt	0	4	12
Fractured Black	4	86	
Stave & Gray Clay	86	107	
SAND & GRAVEL	107	120	
White Quartz			
Brown Clay Gravel			

RECEIVED

MAR 06 2008

WATER RESOURCES DEPT
SALEM OREGON

Date Started 18 Dec 07 Completed 19 Dec 07

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

WWC Number _____ Date _____
Signed _____

(bonded) Water Well Constructor Certification
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 712 Date 18 Dec 07
Signed James H. Huel

"nearby"

RECEIVED

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.

DEC 06 2002

WELL I.D. # L 53259
START CARD # 152153(1) LAND OWNER: Well Number _____
Name Robert + Kay Cowan Thompson
Address 4700 Patterson Bridge Rd
City John Day State OR Zip 97845(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 88 ft.
Explosives used ☐ Yes ☒ No Type _____ Amount _____

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
10" + 0"	61	61	Portland C	61	61	56 Sacks
6"	61	88	#6 cement			

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: 6"	+1	61	250	☒	☐	☒	☐
Liner: 5"	28	88	188	☒	☐	☒	☐

Drive Shoe used ☐ Inside ☐ Outside ☒ None
Final location of shoe(s) _____(7) PERFORATIONS/SCREENS:
☒ Perforations Method factory cuts
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
48	88	1/4 x 4	350	5"		☐	☒

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

Yield gal/min	Drawdown	Drill stem at	Flowing Artesian
100	60	20	1 hr.

Temperature of water 56 Depth Artesian Flow Found _____Was a water analysis done? ☒ No ☐ Yes By whom _____Did any strata contain water not suitable for intended use? ☒ No ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL by legal description:

County Grant Latitude _____ Longitude _____
Township 13 N or S Range 31 E or W. WM.
Section 16 SW 1/4 SE 1/4
Tax Lot 1016 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Patterson Rd

(10) STATIC WATER LEVEL:

_____ ft. below land surface. Date 11-23-02
Artesian pressure _____ lb. per square inch Date 11-23-02

(11) WATER BEARING ZONES:

Depth at which water was first found 61

From	To	Estimated Flow Rate	SWL
61	75	100	1

(12) WELL LOG:

Material	From	To	SWL
Brown Top Soil	0	2	
tan clay Hard	2	50	
gray clay w/ black gravel + sand #1 Med Hard	50	61	
Black + green gravel and sand Coal seams mix Water Bearing	61	75	1
gray clay Med Hard	75	88	

Date started 11-14-02 Completed 11-18-02

(unbonded) Water Well Constructor Certification:

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

Signed _____ WWC Number _____ Date _____

(bonded) Water Well Constructor Certification:

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

Signed John Marcell WWC Number 1606 Date 11-23-02

NOTICE TO WATER WELL CONTRACTOR

The original and first copy
of this report are to be
filed with the

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

WATER WELL REPORT

STATE OF OREGON

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

GRANT

State Well No. 385

State Permit No. 13/31-14

(1) OWNER:

Name Paul Trowbridge
Address John Day Oregon

(2) TYPE OF WORK (check):

New Well ☒ Deepening ☐ Reconditioning ☐ Abandon ☐

If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary ☐ Driven ☐
Cable ☒ Jetted ☐
Dug ☐ Bored ☐

(4) PROPOSED USE (check):

Domestic ☐ Industrial ☐ Municipal ☐
Irrigation ☐ Test Well ☒ Other ☐

CASING INSTALLED:

12" Diam. from 0 ft. to 290 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

PERFORATIONS:

Perforated? ☐ Yes ☒ No.

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(7) SCREENS:

Well screen installed? ☐ Yes ☒ No

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

(8) WATER LEVEL: Completed well.

Static level water level ft. below land surface Date July 7 69
Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is
lowered below static level

Was a pump test made? ☐ Yes ☒ No If yes, by whom?

Id: gal./min. with ft. drawdown after hrs.
" " " " " " " "

Bailer test none gal./min. with ft. drawdown after hrs.

Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? ☐ Yes ☒ No

(10) CONSTRUCTION:

Well seal—Material used pullled clay
Depth of seal 20 ft.

Diameter of well bore to bottom of seal 16 in.

Were any loose strata cemented off? ☐ Yes ☒ No Depth

Was a drive shoe used? ☐ Yes ☒ No

Did any strata contain unusable water? ☐ Yes ☒ No

Type of water? depth of strata

Method of sealing strata off

Was well gravel packed? ☐ Yes ☒ No Size of gravel:

Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County GRANT Driller's well number
1/4 1/4 Section 19 T. 13 R. 31 W.M.

Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing 12"

Depth drilled 300 ft. Depth of completed well 300 ft.

Formation: Describe color, texture, grain size and structure of materials;
and show thickness and nature of each stratum and aquifer penetrated,
with at least one entry for each change of formation. Report each change
in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
brown soil	0	2	2
brown clay	2	20	20
streak of rock black	20	22	22
brown sandstone	22	118	118
large boulders	118	122	122
brown sandstone	122	140	140
medium gravel + little	140	179	179
water			120

brown clay 179 200
blue claystone water 200 220 100
blue clay cavey 220 240
blue clay with streaks 240 300

of coal from 8" to 12" thick

water has been cased off 300

well is abandon

will deepen at later date

iron cap is welded on top of casing

Work started June 3 1969 Completed July 7 1969

Date well drilling machine moved off of well July 7 1969

Drilling Machine Operator's Certification:

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

[Signed] Earl Skinner Date Aug 19, 1969
(Drilling Machine Operator)

Drilling Machine Operator's License No. 608

Water Well Contractor's Certification:

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

NAME SKINNER & SONS
(Person, firm or corporation) (Type or print)

Address CRANE ORE 97732

[Signed] Catherine Skinner
(Water Well Contractor)

Contractor's License No. 372 Date 8-24, 1969

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

GRAN 50890

WELL I.D. # L 87518

START CARD # 190258

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

(1) LAND OWNER Well Number _____
Name Russ Reimers
Address PO Box 117
City CANYON CITY State OR Zip 97820

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: ☐ Yes ☒ No
Depth of Completed Well 379.5 ft.
Explosives used: ☐ Yes ☒ No Type _____ Amount _____

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
10"	0	38	Bentonite	0	38	15
6"	38	341.5				

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

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

(6) CASING/LINER
Diameter From To Gauge Steel Plastic Welded Threaded
Casing: 6" 42' 38 250 ☒ ☐ ☐ ☐
Liner: 5" 19.5 374.5 188 ☒ ☐ ☐ ☐

Drive Shoe used ☐ Inside ☒ Outside ☐ None
Final location of shoe(s) 38'

(7) PERFORATIONS/SCREENS
☒ Perforations Method Factory CUTS
☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe size	Casing	Liner
302	322	1/4x4	175	5		☐	☐
342	362	1/4x4	175	5		☐	☒

(8) WELL TESTS: Minimum testing time is 1 hour
☐ Pump ☐ Bailer ☒ Air ☐ Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
<u>6</u>	<u>360</u>	<u>360</u>	<u>2 hr</u>

Temperature of water 59 Depth Artesian Flow Found _____
Was a water analysis done ☒ Yes By whom _____
Did any strata contain water not suitable for intended use? ☐ No ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____
Depth of strata: _____

(9) LOCATION OF WELL (legal description)

County Grant
Tax Lot 110 Lot _____
Township 13 N or S 31 E or W WM
Section 1 NE 1/4 SE 1/4
Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) Marysville Rd
Blue View Rd

(10) STATIC WATER LEVEL

207 ft. below land surface. Date 6-28-07
_____ ft. below land surface. Date _____
Artesian pressure _____ lb. per square inch Date _____

(11) WATER BEARING ZONES

From	To	Estimated Flow Rate	SWL
304	353	6	207

(12) WELL LOG

Material	From	To	SWL
clay + boulders	0	12	
tan M-Hard			
tan conglomerate	12	223	
of M-Hard rock			
Some tan clay			
beds.			
gray conglomerate	223	304	
of gray rock			
with			
Blk Basalt + quartz			
M-Hard			
gray Fractured	304	353	
Basalt Water			
tan clay Hard	353	379.5	

Date Started 6-26-07 Completed 6-28-07

(unbonded) Water Well Constructor Certification

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

WWC Number _____ Date _____

Signed _____

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 1606 Date 7-2-07

Signed John Marciel

JUL 05 2007

G-17036 M2

NEW APPLICATIONS (GROUND WATER, RESERVOIR, & SURFACE) ROUTE SLIP

RECEIPTING

☒ 4/10/08

POST CARD SENT

☒ *Done & filed APR 11 2008*

DATA CENTER

☒

GEOLOGY REVIEW

YES

☒

NO

☐

ENFORCEMENT

YES

☐

NO

☐

WATER RIGHTS SUPPORT

☒ *MS*A "Standard Reservoir" storing 9.2 acre-feet or more ofWater & has a dam height of 10.0 feet or greater needs tohave a copy of the application & supplemental forms routed to "DAM SAFETY"Caseworker:

Brook Geffen 986-0808

☒

Jeana Eastman 986-0859

☐

Joel Plahn 986-0815

☐

Kerry Kavanagh 986-0816

☐

GW

Files

ATTN: WATER RIGHTS

SUPPORT....>>>> Mark contents of file with
application number;

Update the WRIS Database with caseworkers name.

Route file to Caseworker.

S & R

Files

Standard Application Completeness Checklist

Minimum Requirements (OAR 690-310-0040)(ORS 537.400)

This is the checklist used by WRD staff

Application G 17036 Township 13 S
Priority Date APR 10 2008 Range 31 E
Use(s) PRIM IRRIG ¹¹⁵ A. Section 10
Rate 1.25 561 CFS GPM POA Loc N/E NE
County GRANT POU Loc SEE MAP
W.M. _____ Caseworker BROOK G

- ☒ Applicant/Organization Name, Mailing Address and Telephone Number.
- ☒ Source of water. If stored water, is the stored water component filed out, including a non-expired agreement for stored water must be included. (ORS 537.400)
- ☒ The proposed source is or is not (circle one) withdrawn from further appropriation, or Division 538. If it is, return application and fees. GW
- ☒ Property ownership indicated. STATES YES!
- ☐ If applicant does not own all the land, the affected landowner's name and mailing address must be listed.
- ☐ If applicant does not own all the land, a statement declaring the existence of either written authorization or an easement permitting access to land crossed by the proposed ditch canal or other work must be submitted.
- ☒ Groundwater development section (Page 3 and 4, Section B) or a well log report.
- ☒ Proposed use of water. If supplemental, list primary water right acreage if applicable.
- ☒ Enclosed Supplemental Form for each proposed use.
- ☒ Form I (Irrigation) ☐ Form M (Municipal or Quasi-Municipal)
- ☐ Form R (Mining) ☐ Form Q (Commercial or Industrial)
- ☐ Spring Description Sheet
- ☒ Amount of water from *each* source in gallons per minute (GPM), cubic feet per second (CFS), or acre feet (AF)
- ☒ Period of use
- ☒ Water management section (Please estimate if the water system has not been designed).

☒ Resource Protection Section (Page 6, Section 5).

☒ Project schedule (If system is already completed, indicate "existing").

☐ For reservoir applications storing more than 9.2 acre feet, and a dam height of more than 10 feet, preliminary plans and specifications for dam and impoundment are required.

☐ If the above statement is checked, the map must be prepared by a CWRE.

☒ All applicants (or the authorized agent with title or authority if for an organization or corporation), must sign the application in ink. *Signature must be an original "wet" signature.*

☒ You must include a Legal description of the property involved that includes a metes and bounds, or other government survey description. A copy of the deed, land sales contract or title insurance policy can provide this information, or you may submit a lot book report prepared by a title company. The Department will not accept a copy of the tax bill.

☒ A completed Land-Use Form or receipt signed and dated by the appropriate planning department officials. *Date of signature must be within the past 12 months. Signature must be an original "wet" signature.*

☒ The map must meet all the minimum requirements of OAR 690-310-0050.

☒ Township, Range, Section

☒ Location of main canals, ditches, pipelines or flumes (if POA/POD is outside of POU)

☒ Place of use, 1/4, 1/4's and tax lot clearly identified

☒ Even map scale not less than 4" = 1 mile (example: 1" = 100 ft, 1" = 200 ft, etc.)

1320

☒ Location of each diversion point well or dam by reference to a recognized public land survey corner

☒ North Directional Symbol

☒ Number of acres per 1/4, 1/4, if irrigation, nursery, or agriculture

☐ Other ASSIST & MAP DESIGNED @ WM OFFICE

☒ Reference corner on map

☒ Each point of diversion coordinate

☒ Fees: Amount of water requested 1.25 CFS 561 GPM

Base Fee \$ _____

Additional Use @ _____ = _____

1st CFS/AF _____

Total Exam Fees \$ 800

_____ Addn'l CFS/ AF @ _____ = _____

Total Paid \$ 800

_____ Addn' POD @ _____ = _____

Amount Due \$ REC FEE DUE

Reviewed by: HTM

Date: APR 11 2008

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-17036

Final Order

Appeal Rights

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

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.

Application History

On April 10, 2008, Jeffrey S. and Barbara E. F. Riggs submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on March 24, 2009. The protest period closed May 8, 2009, and no protest was filed.

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

Order

Application G-17036 is therefore approved as proposed by the Proposed Final Order. Upon payment of outstanding fees in the amount of \$300, a permit shall be issued authorizing the proposed water use.

Failure to meet this requirement within 60 days from the date of this Final Order may result in the proposed rejection of the application.

If you need to request additional time, your written request should be received in the Salem office of the Department within 60 days of this Final Order. The Department will evaluate the request and determine whether or not the request may be approved.

DATED June 4, 2009

E. Timothy Wall

for Phillip C. Ward, Director
Water Resources Department

This document was prepared by Brook Geffen. 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 503-986-0808.

If you have previously filed a protest and want to know its status, please contact Patricia McCarty at 503-986-0820.

If you have other questions about the Department or any of its programs please contact our Customer Service Group at 503-986-0801.

Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266, Fax: 503-986-0901.

DRAFT

This is not a permit.
STATE OF OREGON

DRAFT

COUNTY OF GRANT

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

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

APPLICATION FILE NUMBER: G-17036

SOURCE OF WATER: WELL 1 IN LITTLE BEECH CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 115.0 ACRES

MAXIMUM RATE: 1.25 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 10, 2008

WELL LOCATION: NE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 10, T13S, R31E, W.M.; 20 FEET
SOUTH AND 620 FEET WEST FROM NE CORNER, SECTION 10

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 and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 36.6 ACRES

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.0 ACRES

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.8 ACRES

SE $\frac{1}{4}$ NE $\frac{1}{4}$ 37.6 ACRES

SECTION 10

TOWNSHIP 13 SOUTH, RANGE 31 EAST, W.M.

Measurement, recording and reporting conditions:

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

each point of appropriation. The permittee shall maintain the meter or measuring device in good working order.

- B. The permittee 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.
- C. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where any meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- D. The Director may provide an opportunity for the permittee to submit alternative measuring and reporting procedures for review and approval.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), 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 report 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

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. 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 reported to the Department.

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

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

The period of non-use or restricted use shall continue until the 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 well(s) shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well(s) may not be completed in such a manner to allow ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

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.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may be subject to cancellation, unless the Department authorizes the change in writing.

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 well(s) 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.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued _____, 2009

DRAFT - THIS IS NOT A PERMIT

for Phillip C. Ward, Director
Water Resources Department

Mailing List for FO Copies

Application #G-17036

Original mailed to applicant with claim of beneficial use form:

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE OR 97825

Copies sent to:

1. WRD - File # G-17036
2. WRD - Ken Stahr
3. WRD - Regional Well Inspector: NC

Copies Mailed	
By: <u>SJS</u>	(SUPPORT STAFF)
on: <u>6/4/09</u>	(DATE)

FO and Map Copies sent to (remember to reduce copy margins):

4. WRD - Watermaster District #: 4

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

- 5.

"\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

- 1.

CASEWORKER : Brook Geffen

Oregon Water Resources Department
Water Rights Division

Water Rights Application
Number G-17036

Prior to the issuance of a permit, the Department must receive permit recording fees in the amount of \$300.00. Please include your application number on your check made out to the Oregon Water Resources Department.

Proposed Final Order

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

Application History

On April 10, 2008, Jeffrey S. and Barbara E. F. Riggs submitted an application to the Department for the following water use permit:

- Amount of Water: 1.25 CUBIC FEET PER SECOND (CFS)
- Use of Water: IRRIGATION USE ON 115.0 ACRES
- Source of Water: WELL 1 IN LITTLE BEECH CREEK BASIN
- Area of Proposed Use: GRANT COUNTY WITHIN SECTION 10, TOWNSHIP 13 SOUTH, RANGE 31 EAST, W.M.

On September 26, 2008, the Department mailed the applicant notice of its Initial Review, determining that "The use of 1.25 CFS from Well 1 in Little Beech Creek Basin for irrigation use on 115.0 acres is allowable during the full period requested, March 1 through October 31." The applicant did not notify the Department to stop processing the application within 14 days of that date.

On September 30, 2008, 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:

- recommendations by other state agencies
- 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 ground water 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

On September 26, 2008, the Initial Review erroneously described the measurement, reporting, and recording condition. The attached draft permit has been updated with the correct measurement, reporting, and recording condition.

The John Day Basin Program allows IRRIGATION USE.

WELL 1 IN LITTLE BEECH CREEK BASIN is above the John Day River State Scenic Waterway.

The Ground Water Section finds, per ORS 390.835(9), there is not 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.

Ground Water Findings Under OAR 690-009

The Department determined, consistent with OAR 690-009-0040(4), that the proposed ground water use will not have the potential for substantial interference with surface water.

In making this determination, the Department considered whether:

- (a) There is a hydraulic connection from the proposed well(s) to any surface water sources.
- (b) The point of appropriation is a horizontal distance less than one-fourth mile from the surface water source;
- (c) The rate of appropriation is greater than five cubic feet per second, if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (d) The rate of appropriation is greater than one percent of the pertinent adopted minimum perennial streamflow or instream water right with a senior priority date, if one is applicable, or of the discharge that is equaled or exceeded 80 percent of time, as determined or estimated by the Department, and if the point of appropriation is a horizontal distance less than one mile from the surface water source;
- (e) The ground water appropriation, if continued for a period of 30 days, would result in stream depletion greater than 25 percent

of the rate of appropriation, if the point of appropriation is a horizontal distance less than one mile from the surface water source.

According to the Department's rules, the potential for substantial interference is assumed if (a) and either (b) or (c) or (d) or (e) are met. For this application, the Department determined that there is no potential for substantial interference, because either (a) is not met, or (b), (c), (d) or (e) are not met, or both.

An assessment of ground water availability has been completed by the Department's Ground Water/Hydrology section. A copy of this assessment is in the file. The proposed water use will, if properly conditioned, avoid injury to existing rights and the resource.

The Department finds that the amount of water requested, 1.25 CFS, is an acceptable amount.

The proposed ground water use is not within a designated critical ground water area.

Conclusions of Law

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

The proposed use requested in this application is allowed in the John Day Basin Program, 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.

When issuing permits, ORS 537.628(1) authorizes the Department to include limitations and conditions which have been determined necessary to protect the public welfare, safety, and health. The attached draft permit is conditioned accordingly.

Recommendation

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

DATED March 24, 2009

E. Timothy Wall

for Phillip C. Ward, Director
Water Resources Department

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

Protests

Under the provisions of ORS 537.153(7) (for surface water) or ORS 537.621(8) (for ground water), you can protest this Proposed Final Order. Protests must be received in the Water Resources Department no later than **May 8, 2009**. Protests 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 protest fee of \$350 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 ORS 537.153(7) (for surface water) or ORS 537.621(8) (for ground water), persons other than the applicant who support a Proposed Final Order can request standing for purposes of participating in any contested case proceeding on the Proposed Final Order or for judicial review of a Final Order.

Requests for standing must be received in the Water Resources Department no later than **May 8, 2009**. Requests for standing must be in writing, and must include the following:

- The requester's name, mailing address and telephone number;
- If the requester is representing a group, association or other organization, the name, address and telephone number of the represented group;
- A statement that the requester supports the Proposed Final Order as issued;
- A detailed statement of how the requester would be harmed if the Proposed Final Order is modified; and
- A standing fee of \$100.00. If a hearing is scheduled, an additional fee of \$250.00 must be submitted along with a request for intervention.

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 either:

- 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.

If you do not request a hearing within 30 days after the close of the protest period, or if you withdraw a request for a hearing, notify the Department or the administrative law judge that you will not appear or fail to appear at a scheduled hearing, the Director may issue a Final Order by default. If the Director issues a Final Order by default, the Department designates the relevant portions of its files on this matter, including all materials that you have submitted relating to this matter, as the record for purpose of proving a prima facie case upon default.

This document was prepared by Brook Geffen. 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 503-986-0808.

If you have questions about how to file a protest or a request for standing, please refer to the respective sections in this Proposed Final Order entitled "Protests" and "Requests for Standing". If you have previously filed a protest and want to know its status, please contact Patricia McCarty at 503-986-0820.

If you have other questions about the Department or any of its programs please contact our Customer Service Group at 503-986-0801. Address all other correspondence to:

Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266, Fax: 503-986-0901.

DRAFT

This is not a permit.
STATE OF OREGON

DRAFT

COUNTY OF GRANT

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

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

APPLICATION FILE NUMBER: G-17036

SOURCE OF WATER: WELL 1 IN LITTLE BEECH CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 115.0 ACRES

MAXIMUM RATE: 1.25 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: APRIL 10, 2008

WELL LOCATION: NE $\frac{1}{4}$ NE $\frac{1}{4}$, SECTION 10, T13S, R31E, W.M.; 20 FEET SOUTH
AND 620 FEET WEST FROM NE CORNER, SECTION 10

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 and 3.0 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 36.6 ACRES
NW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.0 ACRES
SW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.8 ACRES
SE $\frac{1}{4}$ NE $\frac{1}{4}$ 37.6 ACRES
SECTION 10

TOWNSHIP 13 SOUTH, RANGE 31 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the permittee shall install a totalizing flow meter or other suitable measuring device as approved by the Director at each point of appropriation. 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.

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), 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 report 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

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. 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 reported to the Department.

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

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

The period of non-use or restricted use shall continue until the 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 well(s) shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well(s) may not be completed in such a manner to allow ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a rough well log and a proposed construction design for approval by the

Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

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.

Prior to using water from any well listed on this permit, the permittee shall ensure that the well has been assigned an OWRD Well Identification Number (Well ID tag), which shall be permanently attached to the well. The Well ID shall be used as a reference in any correspondence regarding the well, including any reports of water use, water level, or pump test data.

STANDARD CONDITIONS

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.

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may not be valid, unless the Department authorizes the change in writing.

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 well(s) 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.

If the riparian area is disturbed in the process of developing a point of appropriation, the permittee shall be responsible for restoration and

enhancement of such riparian area in accordance with ODFW's Fish and Wildlife Habitat Mitigation Policy OAR 635-415. For purposes of mitigation, the ODFW Fish and Wildlife Habitat Mitigation Goals and Standards, OAR 635-415, shall be followed.

The use may be restricted if the quality of downstream waters decreases to the point that those waters no longer meet existing state or federal water quality standards due to reduced flows.

Where two or more water users agree among themselves as to the manner of rotation in the use of water and such agreement is placed in writing and filed by such water users with the watermaster, and such rotation system does not infringe upon such prior rights of any water user not a party to such rotation plan, the watermaster shall distribute the water according to such agreement.

Prior to receiving a certificate of water right, the permit holder shall submit to the Water Resources Department the results of a pump test meeting the Department's standards for each point of appropriation (well), unless an exemption has been obtained in writing under OAR 690-217. The Director may require water-level or pump-test data every ten years thereafter.

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.

Completion of construction and application of the water shall be made within five years of the date of permit issuance. If beneficial use of permitted water has not been made before this date, the permittee may submit an application for extension of time, which may be approved based upon the merit of the application.

Within one year after making beneficial use of water, the permittee shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner.

Issued _____, 2009

DRAFT - THIS IS NOT A PERMIT

for Phillip C. Ward, Director
Water Resources Department

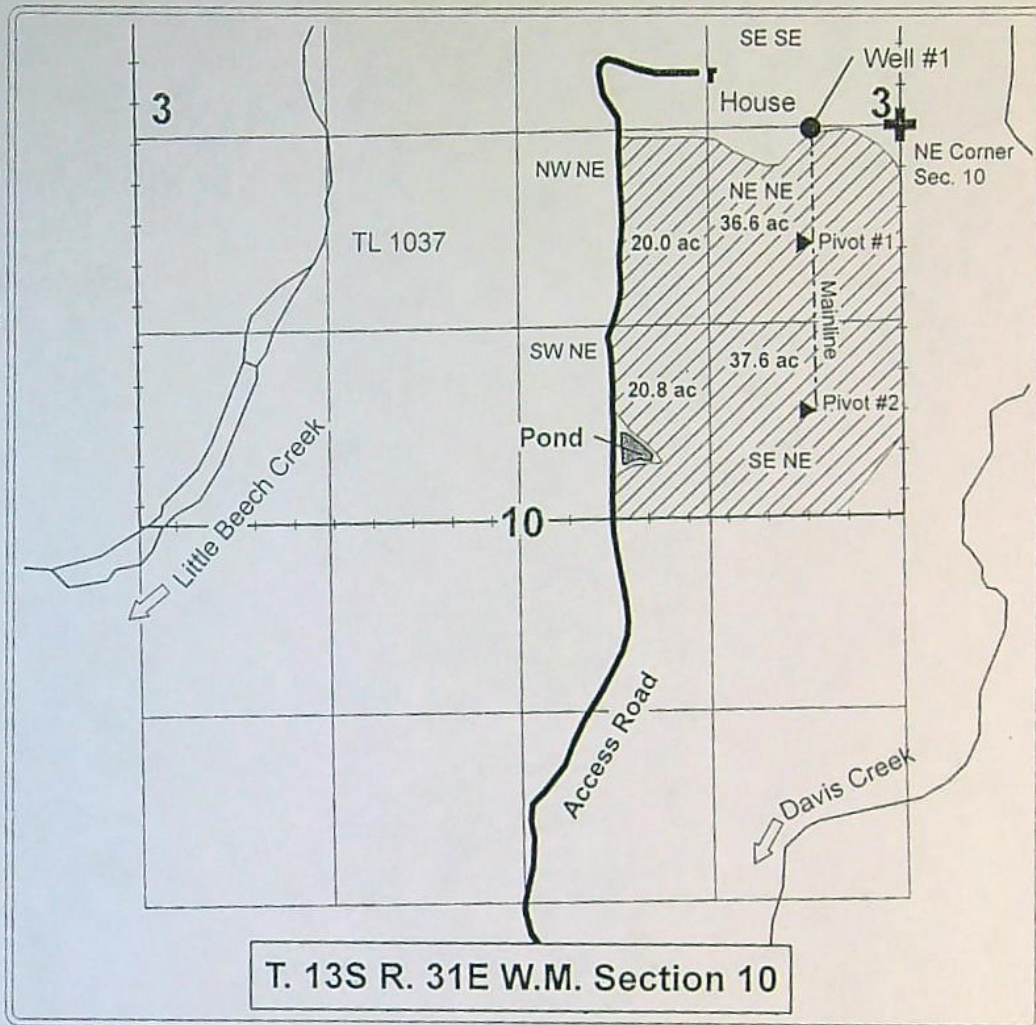
Application G-17036 Water Resources Department
Basin 6 Volume 2 BEECH CR MISC

PERMIT DRAFT

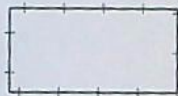
Application Map For Jeff and Barbara Riggs



1 inch = 1320 feet



The proposed well will be located 20 feet south and 620 feet west of the north east corner of section 10, T. 13S R. 31E W.M. being in the NE 1/4 of the NE 1/4 of section 10, T. 13S R. 31E W.M.



Tax Lot Boundary



Proposed Irrigation

RECEIVED

APR 10 2008

WATER RESOURCES DEPT
SALEM, OREGON

App No G-17036

Mailing List for PFO Copies

Application #G-17036

PFO Date March 24, 2009

Original mailed to applicant:

~~JEFFREY S. AND BARBARA E. F. RIGGS, PO BOX 122, DAYVILLE, OR 97825~~

Copies sent to:

- ~~1. WRD - File # G-17036~~
- ~~2. Water Availability: Ken Stahr~~
- ~~3. Regional Well Inspector: NC~~

Copies Mailed
By: <u>RB</u>
(SUPPORT STAFF)
on: <u>3/20/09</u>
(DATE)

PFO and Map Copies sent to:

- ~~4. WRD - Watermaster # 4~~
- ~~5. Regional Manager: NC~~
- ~~6. Oregon State Parks~~

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

"\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

CASEWORKER : geffenba



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

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

JEFFREY S. AND BARBARA E. F. RIGGS
PO BOX 122
DAYVILLE, OR 97825

September 26, 2008

Reference: File G-17036

Dear Mr. and Mrs. Riggs:

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

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 application proposed the use of 561.0 gallons per minute, which is 1.25 cubic feet per second (CFS) of water from Well 1 for irrigation use on 115.0 acres from March 1 through October 31 of each year.
2. The proposed use is not prohibited by law or rule except where otherwise noted below.
3. The use of water from Well 1 in Little Beech Creek Basin for irrigation use is allowable under the John Day Basin Program.
4. If properly conditioned, the proposed use of ground water will avoid injury to existing ground water rights and the resource.

The Department has determined, based upon OAR 690-009, that the proposed ground water use will not have the potential for substantial interference with any surface water source.

5. The proposed use is located above the John Day Scenic Waterway, as designated under ORS 390.826.

Summary of Initial Determinations

The use of 1.25 CFS from Well 1 in Little Beech Creek Basin for irrigation use on 115.0 acres is allowable during the full period requested, March 1 through October 31.

Because of these favorable determinations, the Department can now move your application to the next phase of the water rights application review process 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 \$150 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, October 10, 2008**. 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 totalizing flow meter at each point of appropriation. The permittee shall maintain the meter(s) in good working order. The permittee 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(s); provided however, where any meter is located within a private structure, the watermaster shall request access upon reasonable notice.
2. 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.
3. To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to obtain, from a qualified individual (see below), 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 report 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

Seven Consecutive Annual Measurements

Following the first year of water use, the user shall report seven consecutive annual static water level measurements. The first of these seven annual measurements will establish the reference level against which future annual measurements will be compared. Based on an analysis of the data collected, the Director may require the user to obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. 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 reported to the Department.

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

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

The period of non-use or restricted use shall continue until the 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.

- 4. If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may not be valid, unless the Department authorizes the change in writing.
- 5. The well(s) shall be continuously cased and continuously sealed to a minimum depth of 350 feet below land surface. The well(s) may not be completed in such a manner to allow ground water to be developed from less than 350 feet below land surface. If during well construction, it becomes apparent that the well can be constructed to eliminate interference with nearby shallow wells or hydraulically connected streams in a manner other than specified in this permit, the permittee can contact the Department Hydrogeologist for this permit or the Ground Water/Hydrology Section Manager to request approval of such construction. The request shall be in writing, and shall include a

rough well log and a proposed construction design for approval by the Department. The request can be approved only if it is received and reviewed prior to placement of any permanent casing and sealing material. If the well is constructed first and then the request made, the requested modification will not be approved. If approved, the new well depth and construction specifications will be incorporated into any certificate issued for this permit.

The water source identified in your application may be affected by an Agricultural Water Quality Management Area Plan. These plans are developed by the Oregon Department of Agriculture (ODA) with the cooperation of local landowners and other interested stakeholders, and help to ensure that current and new appropriations of water are done in a way that does not adversely harm the environment. You are encouraged to explore ODA's Water Quality Program web site at http://www.oregon.gov/ODA/NRD/water_agplans.shtml to learn more about the plans and how they may affect your proposed water use.

If you have any questions:

Feel free to call me at 503-986-0808 if you have any questions regarding the contents of this letter or your application. Please have your application number available if you call. General questions about water rights and water use permits should be directed to our customer service staff at 503-986-0801. When corresponding by mail, please use this address: Brook Geffen, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1266. Our fax number is 503-986-0901.

Sincerely,



Brook Geffen
Water Right Application Caseworker

enclosures: Application Process Description and Stop Processing Request Form

G-17036
WAB 6-NA
POU 6-NA
GW - NA

APPLICATION FACT SHEET

Application File Number: G-17036

Applicant: JEFFREY S. AND BARBARA E. F. RIGGS

County: GRANT

Watermaster: 4

Priority Date: APRIL 10, 2008

Source: WELL 1 IN LITTLE BEECH CREEK BASIN

Use: IRRIGATION USE ON 115.0 ACRES

Quantity: 1.25 CUBIC FEET PER SECOND

Basin Name & Number: John Day, #6

Stream Index Reference: Volume 2 BEECH CR MISC

Well Location(s): NENE, SECTION 10, T13S, R31E, W.M.; 20 FEET SOUTH AND 620 FEET WEST FROM THE NE CORNER, SECTION 10

Place of Use:

NE $\frac{1}{4}$ NE $\frac{1}{4}$ 36.6 ACRES

NW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.0 ACRES

SW $\frac{1}{4}$ NE $\frac{1}{4}$ 20.8 ACRES

SE $\frac{1}{4}$ NE $\frac{1}{4}$ 37.6 ACRES

SECTION 10

TOWNSHIP 13 SOUTH, RANGE 31 EAST, W.M.

14 DAY STOP PROCESSING DEADLINE DATE: Friday, October 10, 2008

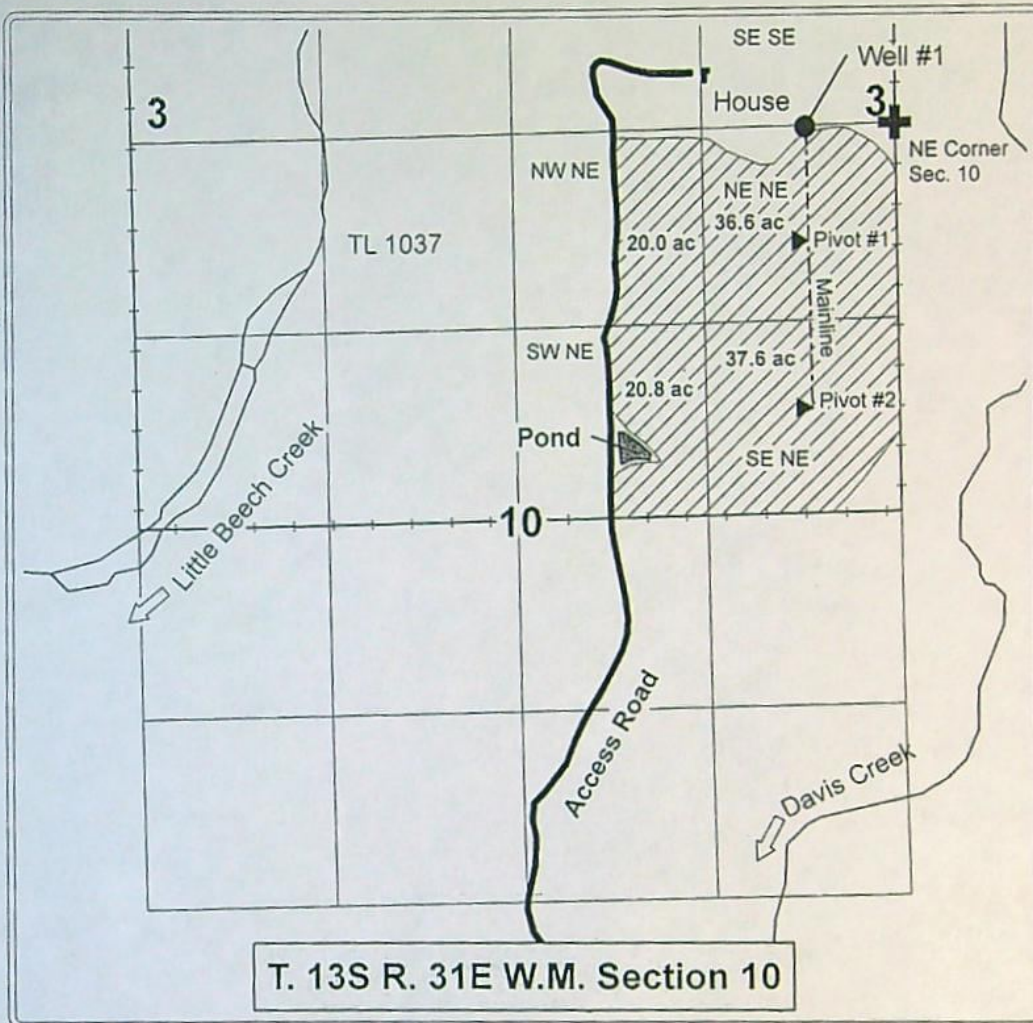
PUBLIC NOTICE DATE: Tuesday, September 30, 2008

30 DAY COMMENT DEADLINE DATE: Thursday, October 30, 2008

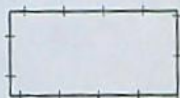
Application Map For Jeff and Barbara Riggs



1 inch = 1320 feet



The proposed well will be located 20 feet south and 620 feet west of the north east corner of section 10, T. 13S R. 31E W.M. being in the NE1/4 of the NE 1/4 of section 10, T. 13S R. 31E W.M.



Tax Lot Boundary



Proposed Irrigation

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WATER RESOURCES DEPT
SALEM, OREGON

App No G-17036

Mailing List for IR Copies

Application #G-17036

IR Date: September 26, 2008

Original mailed to applicant:

~~1~~ JEFFREY S. AND BARBARA E. F. RIGGS , PO BOX 122, DAYVILLE, OR 97825

Copies sent to:

- ~~1~~ WRD - File # G-17036
- ~~2~~ WRD - Water Availability: Ken Stahr

Copies Mailed

By: KB
(SUPPORT STAFF)
on: 9/26/08
(DATE)

IR, Map, and Fact Sheet Copies sent to:

- ~~3~~ WRD - Regional Manager (not SCR):NC
- ~~4~~ WRD - Watermaster # 4
- ~~5~~ Department of Agriculture

Affected Landowners (include "Notice of Initial Review--Affected Landowner"):

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

Caseworker: Brook Geffen

COPYSH.T.IR

REMINDER: Copy all IR's for uses in the Klamath Basin to DEQ and ODFW contacts, regardless of whether they are subject to Division 33. (If they are not subject to Division 33, do not include Division 33 forms.)



Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem Oregon 97301-1271
(503) 986-0900
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. A summary of review criteria and procedures that are generally applicable to these applications is available at www.wrd.state.or.us/OWRD/PUBS/forms.shtml.

1. APPLICANT INFORMATION

A. Individuals

Applicants: Jeffrey S. Riggs and Barbara E. F. Riggs
First Last

Mailing address: P.O. box 122
Dayville OR 97825
City State Zip

Phone: 541-987-2194 cell-541-620-2335
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-17036

Permit No. _____

Date _____

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Last updated: 2/13/2008

Ground Water/1

WR

**WATER RESOURCES DEPT
SALEM, OREGON**

2. PROPERTY OWNERSHIP

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

☒ Yes (Please check appropriate box below then skip to section 3 ("Ground water Development"))

☐ There are no encumbrances

☐ This land is encumbered by easements, rights of way, roads or other encumbrances (please provide a copy of the recorded deed(s))

☐ 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.

☐ Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigated and/or domestic use only (ORS 274.040).

You must provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.

List the names and mailing addresses of all affected landowners.

3. GROUND WATER DEVELOPMENT

A. Well Information

Number of well(s): 1

Name of nearest surface water body: little beach creek / Davis Creek

Distance from well(s) to nearest stream or lake: 1) little beach crk. → 3350' +/- west

2) Davis Crk. → 1350' +/- East 3) _____ 4) _____

If distance from surface water is less than one mile, indicate elevation difference between nearest surface water and well head. 1) Davis Creek is approx 40' below proposed well location (4060' = 4020' +/-)

2) little beach creek is approx 320' below proposed well (4060' - 3740' +/-) 3) _____ 4) _____

B. 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 section 4 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: unknown

Address: _____

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SALEM, OREGON

Completion date: proposed to be completed fall 2008

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
1	8"	Steel	unknown	unknown	into confined layer, as required	250'±	200'±	as required	300'±
			max 600'	N/A (liner will be likely used)	est. 200 to 300'±				

> see domestic well log
 7 see attached Neighboring well log - GRAN 321,50774

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

If well log is not available, or well is not yet constructed, you must provide: proposed total depth, depth of casing and seal, and the anticipated perforation and open intervals.

C. Artesian Flows

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

NO

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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 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	Hopefully Basalt @ 200-300' unknown	irrigation	561	197,452,374 +/-	?

Hoping for less or greater.

C. Maximum Rate of Use Requested

What is the maximum, instantaneous rate of water that will be used? 561 GPM

(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 1st - Oct 31st

(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: 115 > 115 Acres +/-

(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): unknown (depending on well)

☐ 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 unknown depending on well Length 500' to 1000' depending on well capacity

☐ Other (describe) _____

Ground Water/4

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SALEM, OREGON

C. Application/Distribution Method

What equipment will you use to apply water to your place of use? proposed 2 pivots to cover acreage with handlines and end guns to cover corners.

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 plan on using pivot type irrigation equipment to maximize the efficiency of the application of water with out waste.

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: As soon as possible - fall 2008/summer 2009

Proposed date construction will be completed: Summer 2009

Proposed date beneficial water use will begin: Spring 2010

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.

As this time I'm intending to use 2 pivots but May add more or less depending on irrigation equipment recommendations from installer.

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SALEM, OREGON

8. MAP REQUIREMENTS

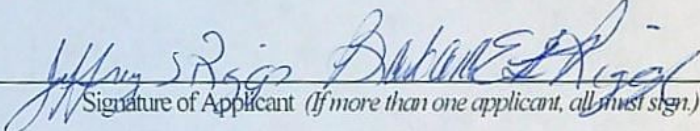
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place 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:


Signature of Applicant (If more than one applicant, all must sign.)

4-4-08
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. The Department's fee schedule can be found at www.wrd.state.or.us or call (503) 986-0900.



Oregon Water Resources Department

FORM I

FOR IRRIGATION WATER USE

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

☒ Primary ☐ Supplemental

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

Primary: 115 +/- Acres

Secondary: _____ 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. Alfalfa, grass hay, winter grains ^{3/1-10/31} ☒ Full season ☐ Partial season (from: _____ to _____)
2. _____ ☐ Full season ☐ Partial season (from: _____ to _____)
3. _____ ☐ Full season ☐ Partial season (from: _____ to _____)
4. _____ ☐ Full season ☐ Partial season (from: _____ to _____)

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

1000 +/- 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: Water applied as needed for the crops being grown

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WATER RESOURCES DEPT
SALEM, OREGON



Oregon Water Resources Department Land Use Information Form

THIS FORM IS NOT REQUIRED IF: 1) water is to be diverted, conveyed, and/or used only on federal lands; or 2) the application is for a water-right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply: a) only the place of use is proposed for change, b) there are no structural changes, c) the use of water is for irrigation, and d) the use is located in an irrigation district or exclusive farm-use zone.

Applicant Name: Jeffrey S. Riggs and Barbara E. Riggs
Mailing Address: PO 122
City: Dayville State: OR Zip: 97825 Day Phone: 541-987-2194

This application is related to a Measure 37 claim. ☐ Yes ☒ No

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), or used. 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.

Township	Range	Section	1/4 1/4	Tax Lot #	Plan Designation (e.g. Rural Residential/RR-5)	Water to be:	Proposed Land Use:
<u>135</u>	<u>31E</u>	<u>10</u>		<u>1037</u>	<u>MUR</u>	☒ Diverted ☒ Conveyed ☒ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	
						☐ Diverted ☐ Conveyed ☐ Used	

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

B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- ☒ Permit to Use or Store Water ☐ Water-Right Transfer ☐ Exchange of Water
☐ Allocation of Conserved Water ☐ Limited Water Use License
☐ Permit Amendment or Ground Water Registration Modification

Source of water: ☐ Reservoir/Pond ☒ Ground Water ☐ Surface Water (name) _____

Estimated quantity of water needed: 1.44 ☒ cubic feet per second ☐ gallons per minute ☐ acre-feet

Intended use of water: ☒ Irrigation ☐ Commercial ☐ Industrial ☐ Domestic for _____ household(s)
☐ Municipal ☐ Quasi-municipal ☐ Instream ☐ Other _____

Briefly describe: New application for a water right from groundwater to irrigate approximately 115 acres of land w/ pivot type irrigation equipment.

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt below and include it with the application filed with the Water Resources Department.

Receipt for Request for Land Use Information

State of Oregon
Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301-1266

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APR 10 2008

WATER RESOURCES DEPT
SALEM, OREGON

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form.

This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the 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): Article 6 grant to land Development code

☐ Land uses to be served by proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.)

If approvals have been obtained but all appeal periods have not ended, check "Being pursued".

Type of Land-Use Approval Needed (e.g. plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	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

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

Irrigation is an outright use in the
MUR zone

13-31 HL 1037 Riggs

Name: Shannon Springer Title: Secretary
Signature: [Signature] Phone: 541-575-1519 Date: 4/7/08
Government Entity: Grant County Planning Department

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

Applicant name: _____

City or County: _____

Signature: _____

Staff contact: _____

Phone: _____

Date: _____

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APR 10 2008

**WATER RESOURCES DEPT
SALEM, OREGON**



Oregon

Theodore R. Kulongoski, Governor

Water Resources Department

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

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdictions where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan.

Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan.

Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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APR 10 2008

WATER RESOURCES DEPT
SALEM, OREGON

STATE OF OREGON } ss
County of Grant }

I certify that this instrument was received
and recorded in the book of records of
said county.

KATHY JACKSON

Grant County Clerk

by Kathy Jackson Deputy.

DOCF: 20070515D PG 5
RCFT: 70515 43.50
2/22/2007 2:49 PM

After recording return to: (Name, Address, Zip)

Until requested otherwise, send all tax statements to:
(Name, Address, Zip)

Jeffrey Riggs
P.O. Box 122
Dayville OR 97825

SPACE A

WARRANTY DEED (Individual Grantor)

Richard S. Page, Grantor, conveys and warrants to Notch Mtn. Development, LLC, an Oregon limited liability company, Grantee, the following described real property free of encumbrances, except as specifically set forth herein situated in Grant County, State of Oregon, described as follows, to-wit:

See Exhibit 'A' attached hereto and by this reference incorporated herein

Subject to and excepting: See attached Exhibit "B"

BEFORE SIGNING OR ACCEPTING THIS INSTRUMENT, THE PERSON TRANSFERRING FEE TITLE SHOULD INQUIRE ABOUT THE PERSON'S RIGHTS, IF ANY, UNDER ORS 197.352. THIS INSTRUMENT DOES 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, TO DETERMINE ANY LIMITS ON LAWSUITS AGAINST FARMING OR FOREST PRACTICES AS DEFINED IN ORS 30.930 AND TO INQUIRE ABOUT THE RIGHTS OF NEIGHBORING PROPERTY OWNERS, IF ANY, UNDER ORS 197.352.

The true and actual consideration for this conveyance is \$538,000.00. (Here comply with requirements of ORS 93.030.)

Dated this 22 day of February, 2007.

Richard S. Page
Richard S. Page

STATE OF OREGON }

County of Grant }

This instrument was acknowledged before me on this 22nd day of February, 2007 by
Richard S. Page.

Tami A Kowing
Notary Public for Oregon
My commission expires: November 20, 2007



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WATER RESOURCES DEPT
SALEM, OREGON

G-17036

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EXHIBIT "A"

Township 13 South, Range 31 East, Willamette Meridian, Grant County, Oregon:

Section 3: N1/2S1/2;S1/2S1/2.

Section 10 N1/2; TOGETHER with that portion, if any, of the SW1/4 said Section 10 being a portion of

Parcel 3 of Land Partition Plat No. 2006-31, said plat being on file and of record in the office of the Grant

County Clerk, lying Northerly of the following described line: Beginning at CORNER "B" as said corner is

shown on Grant County Record Map of Survey No. 1790, said map being on file and of record in the office of the Grant County Surveyor; thence Westerly, 2640 feet, more or less to CORNER "A" as said

corner is shown on Grant County Record Map of Survey No. 1790, said map being on file and of record

in the office of the Grant County Surveyor and the terminus of said described line.

EXCEPT that portion, if any, of the NW1/4 said Section 10, lying Southerly of the following described line: Beginning at CORNER "B" as said corner is shown on Grant County Record Map of Survey No. 1790, said map being on file and of record in the office of the Grant County Surveyor; thence

Westerly, 2640 feet, more or less to CORNER "A" as said corner is shown on Grant County Record Map of Survey

No. 1790, said map being on file and of record in the office of the Grant County Surveyor and the terminus of said described line.

(Tax Acct. 3-10 13-31 1037 & 1038; Ref. 39583 & 39584)

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EXHIBIT "B"

Rights of the public in and to any portion of the herein described premises lying within the boundaries of streets, roads or highways.

Reservation, including the terms and provisions thereof, in deed:

Grantor : Eastern Oregon Land Company, a corp.
Recorded : December 19, 1936
Book : 35
Page : 404
Affects : portion in Section 3.

to-wit: "RESERVING and EXCEPTING, however, to the Grantor, its successors and assigns, the use of all the surface ground necessary to access and for the purpose of exploring, developing or working of mines or valuable underground deposits of Minerals, or Oils, of whatsoever nature; also all the Gold, Silver, Copper, Iron or Minerals or whatsoever name or nature; and all the Coal, Mineral Oils or Vegetable Oils, or Oils of any name or nature, [or salt or saline springs, or springs of any name or nature], excepting Water, which are now known to exist or may hereafter be discovered in or upon the said land. Subject, however, to the condition that the Grantor herein shall pay to the Grantee, or successors, a proportionate rebate of the sale price for any lands recalled for Mineral etc. value upon demand for recall." NOTE: Mineral rights have been conveyed to E O M Limited, a California limited partnership by deed recorded July 31, 1984 in Deed Book 130, page 479 and corrections thereof recorded Jan. 7, 1985 in Deed Book 131, page 214, and recorded Sept. 3, 1985 in Deed Book 132, page 405.

Right of Way Deeds, including the terms and provisions thereof:

For : Road right of way and purposes incidental thereto, over and across Secs. 9, 10, and 15, Twp. 13 S., R. 31 E., W.M., as more particularly described in said

deeds
Granted to : Grant County, Oregon
Recorded : April 17, 1934
Book : 40
Page : 178
Affects : As in said document.

NOTE: Resolution by the State Highway Commission, State of Oregon, filed in Commissioner's Journal M, page 92, appears to abandon their interest in the rights of way above.

Order of Vacation in the County Court of the State of Oregon for the County of Grant, entitled "In the Matter of the Vacation of County Road No. 50, Old Long Creek-John Day Road from East Fork Beech Creek to John Day, Oregon", entered June 2, 1966 in Book M, page 51, Commissioner's Journal, by which the County Road across the W1/2NE1/4, N1/2NW1/4 of Sec. 10, SW1/4 of Sec. 3, Twp. 13 S., R. 31 E., W.M. (and other lands), was vacated.

Easement Deed, including the terms and provisions thereof:

Between : Boyce A. Trowbridge, first party
And : W. A. Patterson and Blanche Patterson, his wife, second party
Recorded : November 16, 1973
Book : 110
Page : 673
Affects : portion in Section 10

to-wit: An easement in common over and across their respective lands on an existing former county road, as described in Order of Vacation dated March 26, 1966, entered June 2, 1966 in Book M, page 51 Commissioner's Journal of Grant County, Oregon, 60 feet in width for the purpose of ingress and egress as said road traverses the following: Sec. 10, Sec. 15, and the NE1/4 of Sec. 22, T. 13 S., R. 31 E., W.M."

Reservations, including the terms and provisions thereof, in Warranty Deed and Grant of Easements:

Grantor : Michael G. Smith and Elaine L. Smith
Grantee : Wilson Operations, Inc., an Oregon corp.
Recorded : April 7, 2000
Instr. No. : 200753
Affects : As in said document.

to-wit: "Grantors convey to R.F. Wilson, Trustee of the R.F. Wilson Living Trust u/a/d May 10, 1996, his heirs, successors and assigns (Grantee) a perpetual nonexclusive easement to use a strip of land 40 feet wide to provide ingress and egress to the land described in this deed and Sections 33 and 34 in Township 12, Range 31. Grantors reserve for themselves, their heirs, successors and assigns, a perpetual nonexclusive easement to use said easement for ingress egress. Grantors and Grantee

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agree that the cost of maintaining the easement in repair shall be shared by each holder of an interest in the easement in proportion to the use made by the easement by each holder of an interest in the easement. Those holders of an interest in the easement that are responsible for the damage to the easement because of negligence or abnormal use shall repair the damage at their sole expense. The approximate location of this easement is shown by the dotted lines on Exhibit A attached [thereto] and by this reference incorporated herein. The easement follows an existing road and is located only on Grantors property.

Grantors convey to R. F. Wilson, Trustee of the R. F. Wilson Living Trust u/a/d May 10, 1996, his heirs, successors and assigns (Grantee) a perpetual nonexclusive easement to use a strip of land 60 feet wide to provide ingress and egress to the land described in this deed and Sections 33 and 34 in Township 12, Range 31. Grantors reserve for themselves, their heirs, successors, and assigns, a perpetual nonexclusive easement to use said easement for ingress and egress. Grantors and Grantee agree that the cost of maintaining the easement in repair shall be shared by each holder of an interest in the easement in proportion to the use made by the easement by each holder of an interest in the easement. Those holders of an interest in the easement that are responsible for the damage to the easement because of negligence or abnormal use shall repair the damage at their sole expense. The approximate location of this easement is shown by the dotted lines on Exhibit B attached [thereto] and by this reference incorporated herein. The easement follows an existing road and is located only on Grantors property."

Reservations, including the terms and provisions thereof, in Warranty Deed and Grant of Easements:

Grantor : Michael G. Smith and Elaine L. Smith
 Grantee : Coastal Fibre, Inc., an Oregon corp.
 Recorded : April 7, 2000
 Instr. No. : 200754
 Affects : As in said document.

to-wit: " Grantors convey to R.F. Wilson, Trustee of the R.F. Wilson Living Trust u/a/d May 10, 1996, his heirs, successors and assigns (Grantee) a perpetual nonexclusive easement to use a strip of land 40 feet wide to provide ingress and egress to the land described in this deed and Sections 33 and 34 in Township 12, Range 31. Grantors reserve for themselves, their heirs, successors and assigns, a perpetual nonexclusive easement to use said easement for ingress egress. Grantors and Grantee agree that the cost of maintaining the easement in repair shall be shared by each holder of an interest in the easement in proportion to the use made by the easement by each holder of an interest in the easement. Those holders of an interest in the easement that are responsible for the damage to the easement because of negligence or abnormal use shall repair the damage at their sole expense. The approximate location of this easement is shown by the dotted lines on Exhibit A attached [thereto] and by this reference incorporated herein. The easement follows an existing road and is located only on Grantors property.

Grantors convey to R. F. Wilson, Trustee of the R. F. Wilson Living Trust u/a/d May 10, 1996, his heirs, successors and assigns (Grantee) a perpetual nonexclusive easement to use a strip of land 60 feet wide to provide ingress and egress to the land described in this deed and Sections 33 and 34 in Township 12, Range 31. Grantors reserve for themselves, their heirs, successors, and assigns, a perpetual nonexclusive easement to use said easement for ingress and egress. Grantors and Grantee agree that the cost of maintaining the easement in repair shall be shared by each holder of an interest in the easement in proportion to the use made by the easement by each holder of an interest in the easement. Those holders of an interest in the easement that are responsible for the damage to the easement because of negligence or abnormal use shall repair the damage at their sole expense. The approximate location of this easement is shown by the dotted lines on Exhibit B attached [thereto] and by this reference incorporated herein. The easement follows an existing road and is located only on Grantors property."

Reservation, including the terms and provisions thereof, in Mortgage:

For : An easement for ingress and egress across the existing roadways of the
 therein described property to provide access to Grantor's remaining lands adjacent
 thereto.
 Mortgagor : Richard S. Page
 Mortgagee : Old West Federal Credit Union
 Dated : June 14, 2004
 Recorded : June 14, 2004
 Instr. No. : 041592

Declaration Prohibiting Pursuit of Claim of Relief, including the terms and provisions therein:

Recorded : March 7, 2005
 Instr. No. : 050540
 Affects : a portion of said premises and other property

Easement Agreement, including the terms and provisions thereof:
 Between : Richard S. Page, individually

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 SALEM, OREGON

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And : Richard S. Page and Robert M. Armstrong (also known as Bob Armstrong),
Trustees of the Charlie Page Trust
Recorded : July 28, 2006
Instr. No. : 061745
Affects : a portion of said premises and other property

Boundary Line Agreement, including the terms and provisions thereof:
Between : Richard G. Patterson
And : Richard S. Page et al
Recorded : February 20, 2007
Instr. No. : 070486

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WATER RESOURCES DEPT
SALEM, OREGON

GRAN 50864

For Official Use Only by The Oregon Water Resources Department:

Received Date: County Well Log ID # Well Identification Tag #

"GRAN 50864"

33711

WELL IDENTIFICATION APPLICATION FORM

INSTRUCTIONS ARE IN THE ACCOMPANYING "DEAR LANDOWNER" LETTER. FOR SHARED WELLS PLEASE SEE THE 3RD PARAGRAPH FROM THE TOP IN THE LETTER. Your ID Tag will be mailed out in approximately 10 days from the date we receive your application.)

****BUYER OR CURRENT LANDOWNER** (For the property that the well is located on. The Well ID tag will be sent to this address unless otherwise specified here.)

Landowner's or Buyer's Name: Jeffrey and Barbara RiggsMailing Address: P.O. Box 122City: Dayville State: OR Zip: 97825 Phone: (541) 987-2194****WELL LOCATION:**County: Grant Well # n/a (if multiple wells exist on same property ie: well #1, #2, etc.)Township: 13S North or South Range: 31E East or West Section: 3 SW 1/4 SE 1/4
(circle one) (circle one) (If known)Tax Lot #: 1037 Type of Well: water supply? domestic monitoring? n/a
(Not the same as the tax acct. #) (Ex: domestic or irrigation use) (Ex: monitoring water for contaminants)Address of Well: no site address Lat/Long: 44° 27.7064' N 118° 57.9932' W
(Number) (Street) (City) (Zip)(Optional): Does this well have a formal water right associated with it? Yes: _____ No: X
(If unknown you may want to contact the Water Rights Group at 503-986-0945 for research)

If Yes: Application #: _____ Permit #: _____ Certificate #: _____

(Optional): Latitude 44° 27.7064' N Longitude 118° 57.9932' W (May sometimes be obtained from Well Log Report)

****WELL INFORMATION:** (Important note: If attaching a well log you obtained from our web-site please be certain that you have the correct log. Simply matching the tax lot number isn't enough. See attached instructions for assistance. If a well report is not available please complete as much of the following as possible, at a minimum the prior landowner names going back until around the time the well would have been drilled. Prior landowner names can be obtained from the County Assessor - see instructions.)

Start Card # from well log report if known: unknown Approx. Well Construction Date: unknownWell Constructor if known: unknown

Name of Land Owner at Time of Construction (or prior landowners, going back in time to when well was constructed - contact your county assessor for list)

Richard S. PageWell Depth (in feet): ? Static Water Level (in feet): ? Diameter of Exposed Well Casing (in inches): ?

Please Return Completed Form to: Well ID Program, Oregon Water Resources Department

725 Summer St. NE, Suite A, Salem, OR 97301-1271, or fax to 503-986-0902 (Applicable)

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SALEM, OREGON

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SALEM, OREGON

G-17036

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

WELL I.D. # L 53297START CARD # 170175

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

(1) LAND OWNER Well Number _____
Name Mark + Susie Brown
Address P.O. Box 248
City Canyon City State OR Zip 97820

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

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

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

(5) BORE HOLE CONSTRUCTION Special Construction: ☐ Yes ☒ No
Depth of Completed Well 513 ft.
Explosives used: ☐ Yes ☒ No Type _____ Amount _____

BORE HOLE			SEAL			Sacks or Pounds
Diameter	From	To	Material	From	To	
10"	0	40	Bent	0	40	16 Sacks
6"	40	513				

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

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

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

(6) CASING/LINER

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 6"	+12"	103.5	250	☒	☐	☒	☐
Liner: <u>NONE</u>				☐	☐	☐	☐

Drive Shoe used ☐ Inside ☒ Outside ☐ NoneFinal location of shoe(s) 103.5

(7) PERFORATIONS/SCREENS
☐ Perforations Method NONE
☐ Screens Type _____ Material _____

From	To	Slot Size	Number	Diameter	Tele/pipe 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
0	—	500	1

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? NO ☐ Too little☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(9) LOCATION OF WELL (legal description)

County GRANT
Tax Lot 1009 Lot _____
Township 13 N or S 31 E or W WM
Section 15 NE 1/4 NW 1/4

Lat _____ " or _____ (degrees or decimal)
Long _____ " or _____ (degrees or decimal)

Street Address of Well (or nearest address) Davis Creek Rd

(10) STATIC WATER LEVEL

_____ ft. below land surface. Date 7-27-05

_____ 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
N/A		0	/

(12) WELL LOG

Ground Elevation _____

Material	From	To	SWL
Top Soil Brown	0	2	
Tan Hard clay	2	95	
Brown Basalt Shale	95	320	
gray Basalt Hard	320	355	
Brown Basalt Hard	355	371	
gray Basalt Hard	371	410	
gray Basalt Hard	410	450	
gray Basalt Cras	450	462	
Stems of Minerals			
gray Basalt Hard	462	513	

Date Started 7-21-05 Completed 7-27-05

(unbonded) Water Well Constructor Certification

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

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WWC Number _____ Date _____

Signed _____

AUG 03 2005

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 1606 Date 7-31-05Signed John Marshall

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

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DEC 16 1992

(START CARD) #

18166

(1) OWNER:

Name David Murphy
Address P.O. Box 507
City John Day State OR Zip 97845

Well Number 321 WATER RESOURCES DEPT.
SALEM, OREGON

LOCATION OF WELL by legal description:

County Grant Latitude _____ Longitude _____
Township 13S N or S. Range 31E E or W. WM. _____
Section 22 NW 1/4 NE 1/4
Tax Lot _____ Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Atterson Rd

(2) TYPE OF WORK:

☒ New Well ☐ Deepen ☐ Recondition ☐ Abandon

(3) DRILL METHOD

☐ Rotary Air ☐ Rotary Mud ☒ Cable
☐ Other _____

(4) PROPOSED USE:

☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes ☐ No ☒ Depth of Completed Well 80 ft.
Explosives used ☐ Yes ☒ No ☐ Type _____ Amount _____

HOLE		SEAL		Amount	
Diameter	From To	Material	From To	sacks or pounds	
10"	0' 18'	Bentonite	0' 18'	11 Sacks	
6"	+1' 80'	Granular			

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

☒ Other Poured

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

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

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	6"	+12"	19'	250	☒	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
					☐	☐	☐	☐
Liner:	5"	-5'	70'	188	☐	☒	☐	☐
					☐	☐	☐	☐

Final location of sheets: _____

(7) PERFORATIONS/SCREENS:

☒ Perforations Method Skull Saw
☐ Screens Type _____ Material _____

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
5'	70'	1/8x8"	500			☐	☒
						☐	☐
						☐	☐
						☐	☐
						☐	☐

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

☐ Pump ☒ Bailor ☐ Air ☐ Flowing Artesian

Yield gal/min 36 gal Drawdown 0 Drill stem at _____ Time 1 hr.

Temperature of water 64 Depth Artesian Flow Found _____

Was a water analysis done? ☐ Yes By whom _____

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

☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other _____

Depth of strata: _____

(10) STATIC WATER LEVEL:

30 ft. below land surface. Date 8-19-92
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

From	To	Estimated Flow Rate	SWL
22'	80'	36 gal	30

(12) WELL LOG:

Material	From	To	SWL
Brown Top Soil	0	1	
Clay Conglomerate Brown	1	6	
Clay Conglomerate Reddish	6	27	
Brown Hard			
Basalt Hard gray	27	72	
Basalt Sandstone gray	72	69	30
Basalt Sandstone Reddish	69	80	30
Brown Water Bearing			
Water Bearing	72	80	
Completed Well with welded cap			

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APR 10 2008

SEP 17 1992

WATER RESOURCES DEPT.
SALEM, OREGON

WATER RESOURCES DEPT.
SALEM, OREGON

Date started 8-5-92 Completed 8-19-92

(unbonded) Water Well Constructor Certification:

I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.

Signed John Marsell WWC Number _____ Date 8-19-92

(bonded) Water Well Constructor Certification:

I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief.

Signed Larry M. Haley WWC Number 15360 Date 8-19-92