

Name G-16132  
 By JOSEPH WILLIAMS II  
 Address 70785 OLD EXPERIMENT STATION  
BURNS OR 97720

Priority \_\_\_\_\_  
 County \_\_\_\_\_ WM# \_\_\_\_\_

**RELATED FILES**

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

**DEVELOPMENT** Date \_\_\_\_\_  
 Completion 10-1-09  
 Extended to \_\_\_\_\_  
 Final Proof received \_\_\_\_\_  
 Cert. Mailed FEB 26 2016

Application No. G16132  
 Permit No. G15801  
 Certificate No. 91112

Date \_\_\_\_\_  
**DENIED** \_\_\_\_\_  
**MISFILED** \_\_\_\_\_ Volume \_\_\_\_\_ Page \_\_\_\_\_  
**WITHDRAWN** \_\_\_\_\_  
**CANCELLED** \_\_\_\_\_

**FEES PAID**

Date	Amount	Receipt No.
<u>11/17/03</u>	<u>700.00</u>	<u>64348</u>
<u>12/2/04</u>	<u>250.00</u>	<u>71661</u>

**FEES REFUNDED**

Date	Amount	Receipt No.

**ASSIGNMENTS**

Date	To Whom	Address

**PUMP TEST**  
4/26/2012  
**APPROVED**

**REMARKS**  
T-10767 V.77, P.682  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**MAP LOCATION** \_\_\_\_\_

STATE OF OREGON

COUNTY OF HARNEY

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

JOSEPH C. WILLIAMS II  
70785 OLD EXPERIMENT STATION RD  
BURNS OR 97720

confirms the right to the use of water perfected under the terms of Permit G-15801. The amount of water used to which this right is entitled is limited to the amount used beneficially, and shall not exceed the amount specified, or its equivalent in the case of rotation, measured at the point of diversion from the source. The specific limits and conditions of the use are listed below.

APPLICATION NUMBER: G-16132

SOURCE OF WATER: THREE WELLS IN RATTLESNAKE CREEK BASIN

PURPOSE or USE: SUPPLEMENTAL IRRIGATION OF 200.42 ACRES

MAXIMUM RATE: 2.51 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 17, 2003

The wells are located as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances
23 S	32 E	WM	7	SW NE		WELL 3 - 2830 FEET NORTH AND 3630 FEET EAST FROM SW CORNER, SECTION 7
23 S	32 E	WM	7	SW NW	2	WELL 4 - 2720 FEET NORTH AND 53 FEET EAST FROM SW CORNER, SECTION 7
23 S	32 E	WM	7	SE NW		WELL 1 - 2720 FEET NORTH AND 1200 FEET EAST FROM SW CORNER, SECTION 7

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second, or its equivalent for each acre irrigated, and shall be further limited to a diversion of not to exceed 3.0 acre-feet per acre for each acre irrigated during the irrigation season of each year.

A description of the place of use is as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
23 S	32 E	WM	7	NE NE		26.80

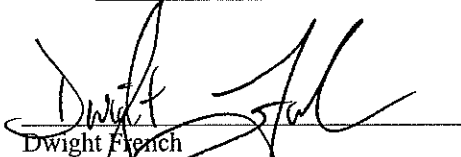
**NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW**

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and 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. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

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

The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

Issued FEB 26 2016



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



# Oregon

Kate Brown, Governor

**Water Resources Department**

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

Fax (503) 986-0904

**DATE MAILED: February 26, 2016**

## **NOTICE OF CERTIFICATE ISSUANCE**

The attached certificate confirms the water right established under the terms of a permit issued by this Department. The water right is now appurtenant to the specific place where the use was established as described by the certificate. The water right is limited to a specific amount of water, but not more than can be beneficially used for the purposes stated within the certificate.

The certificate is a final order in other than a contested case. This order is subject to judicial review under ORS 183.484 and ORS 536.075. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 183.484, ORS 536.075 and OAR 137-004-0080, you may petition for judicial review and 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. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate within three months after issuance of the certificate.

Oregon law does not allow the Director to reissue a certificate because of a change in the ownership of the appurtenant place of use. The water must be controlled and not wasted. To change the location of the point of diversion, the character of use, or the location of use requires the advance approval of the Water Resources Director.

If any portion of this water right is not used for five or more consecutive years that portion of the right may be subject to forfeiture according to ORS 540.610. Land enrolled in a Federal Reserve Program is not subject to forfeiture during the period of enrollment. Other exceptions to forfeiture are explained in ORS 540.610.

If you have any questions please contact Gerry Clark at 503-986-0811.



Mailing List for Certificate

**Application:** G-16132

**Permit:** G-15801

**Certificate:** 91112

**Permit/Certificate Holder:** ✓

JOSEPH C. WILLIAMS II  
70785 OLD EXPERIMENT STATION RD  
BURNS OR 97720

**Copies of Final Certificate to be sent to:**

1. Watermaster District #: 10 ✓
2. Water Availability ✓
3. Vault ✓
4. File ✓

**Other persons to receive copies: (include map):**

5. Chris T Palmer, M A Palmer & Sons Inc - CWRE ✓

<b>Copies Mailed</b>	
<b>by:</b> <u>Connie Vance</u>	(STAFF)
<b>on:</b> <u>FEB 26 2016</u>	(DATE)

STATE OF OREGON

COUNTY OF HARNEY

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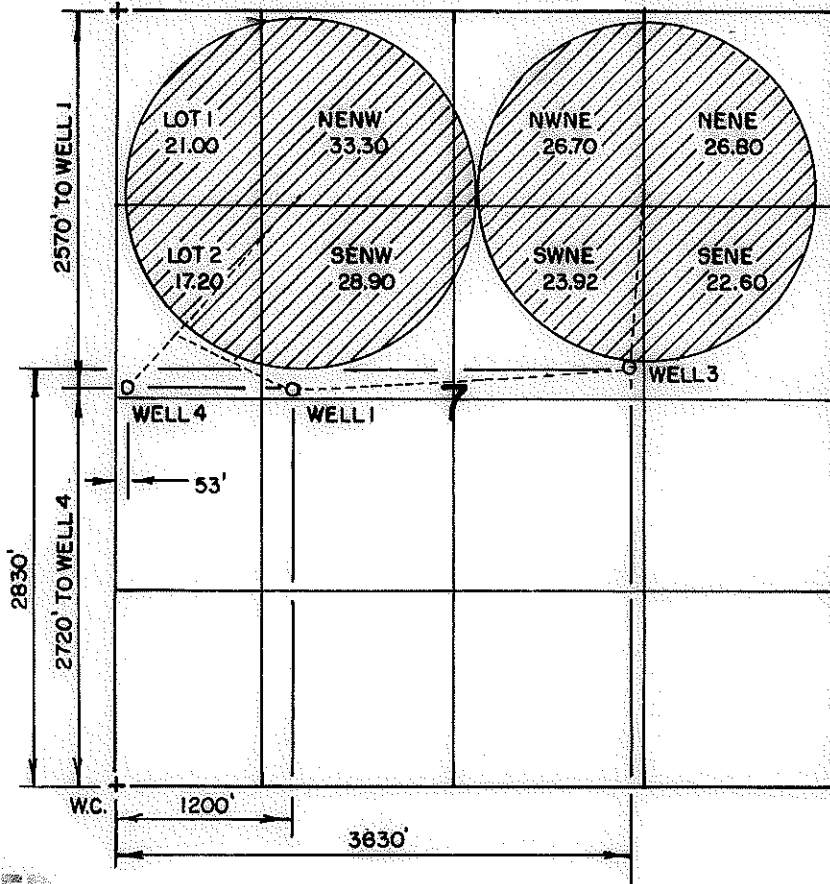
The right to the use of the water for the above purpose is restricted to beneficial use on the place of use described.

Issued \_\_\_\_\_.

**PROPOSED**

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

# T 23 S, R 32 E, WM



THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP.

EACH WELL HAS A FLOW METER - 3' NORTHERLY FROM EACH WELL.  
IRRIGATED LAND IN TAX LOT 1300, T 23 S, R 32 E, WM.

**THIS MAP IS FOR WATER  
RIGHT INFORMATION ONLY**

RECEIVED

MAY 13 2009

STATE OF OREGON  
SALEM, OREGON

**Certified Water Right Examining**  
#100  
*Chris T. Palmer*  
Chris T. Palmer  
Nov. 10, 1987  
**STATE OF OREGON**

RENEW 1-1-2011

## FINAL PROOF SURVEY

UNDER  
T-10767

IN THE NAME OF  
JOSEPH WILLIAMS II

Scale: 4" = 1 MILE

Date: MAY 2009

Job: 2466-09

Dsn:

Drn: CHRIS

Ckd:



M.A. PALMER & SONS, INC.  
ENGINEERING & SURVEYING  
711 Ponderosa Village • Box 61  
Burns, Oregon 97720

Sht. No.

of 1



# Oregon

Kate Brown, Governor

Water Resources Department

725 Summer St NE, Suite A

Salem, OR 97301

(503) 986-0900

Fax (503) 986-0904

**DATE MAILED:**

OCT 23 2015

NOTICE

Reference: Application G-16132 Permit G-15801

Enclosed is a proposed certificate of water right and map. The map and proposed certificate represent the extent water was used within the terms of the permit based upon Claims of Beneficial Use, prepared by a Certified Water Right Examiner, that either you or a previous permit holder submitted.

The certificate is the final step in the water right process. The Department encourages you to review these proposals. If you do not agree with the proposed certificate, Oregon Administrative Rule 690-330-010 (2) allows the permittee or landowner 60 days from the mailing date of this notice to request the Department to reconsider the contents of the proposed certificate.

If you agree with the proposed certificate, no response to this notice is required. Sometime after comment period, the recorded certificate of water right will be mailed to the permit holder of record.

If your name is not listed on the proposed certificate, and you are the current landowner, and would like to have the final certificate issued in your name, you may apply through the Department to have the permit assigned to you. If you have any questions about the assignment process, please contact Jerry Sauter at 503-986-0817.

If you have any other questions please contact Gerry Clark at 503-986-0811.

Sincerely,

Dwight French  
Water Right Services Administrator

Mailing List for Certificate

**Application:** G-16132

**Permit:** G-15801

**Certificate:**

**Permit/Certificate Holder:**

✓ JOSEPH C. WILLIAMS II  
70785 OLD EXPERIMENT STATION RD  
BURNS OR 97720

**Copies of Final Certificate to be sent to:**

- ✓ 1. Watermaster District #: 10
- 2. ~~Data Center (include copy of map)~~
- 3. ~~Water Availability~~
- 4. ~~Vault~~
- ✓ 5. File

**Other persons to receive copies: (include map):**

- ✓ 6. Chris T Palmer, M A Palmer & Sons Inc - CWRE

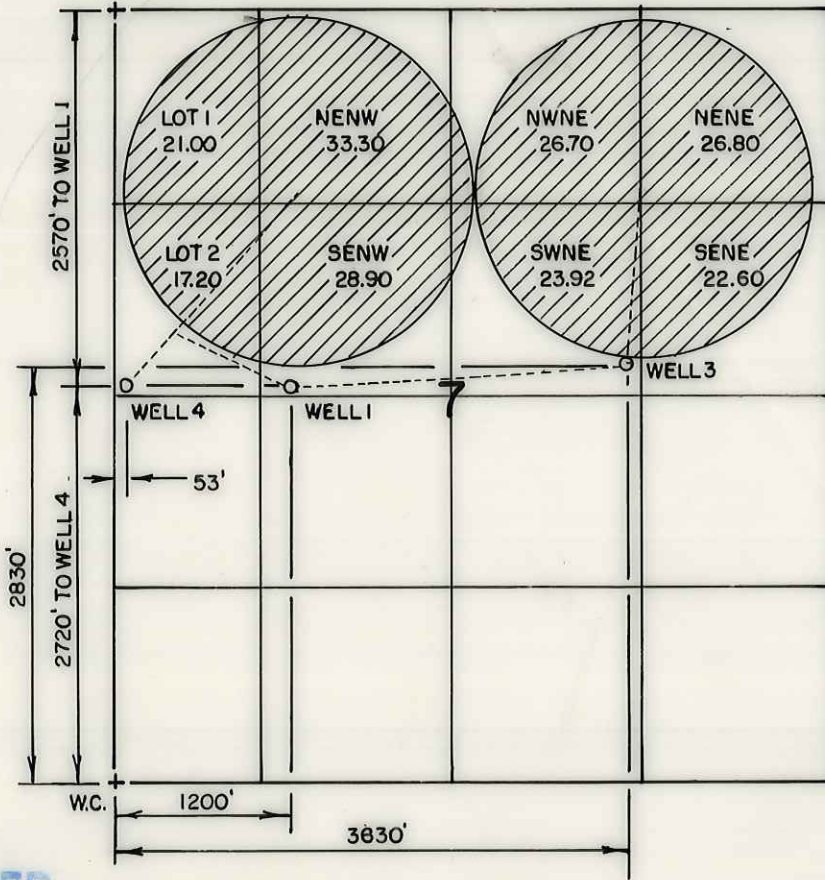
**Copies Mailed**

by: BW  
(STAFF)

on: 10/23/15  
(DATE)



# T 23 S, R 32 E, WM



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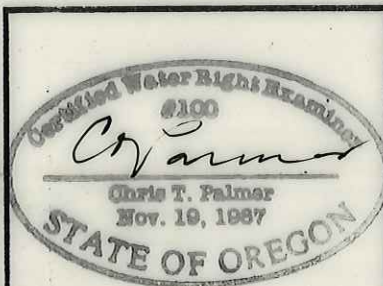
EACH WELL HAS A FLOW METER - 3' NORTHERLY FROM EACH WELL.  
IRRIGATED LAND IN TAX LOT 1300, T 23 S, R 32 E, WM.

**THIS MAP IS FOR WATER RIGHT INFORMATION ONLY**

RECEIVED

AUG 12 2009

WATER RESOURCES DEPT  
SALEM, OREGON



RENEW 1-1-2011

## FINAL PROOF SURVEY

UNDER  
T-10767

IN THE NAME OF  
JOSEPH WILLIAMS II

Scale: 4" = 1 MILE

Date: MAY 2009

Job: 2466-09

Dsn:

Drn: CHRIS

Ckd:



M.A. PALMER & SONS, INC.  
ENGINEERING & SURVEYING  
711 Ponderosa Village • Box 61  
Burns, Oregon 97720

Sht. No.

of 1

# MEMO – 2014-2015 Certificate Project Proof to Satisfaction (Aug 7, 2014)

Permit amendment

Application # <u>G-16132</u>	Permit # <u>G-15801</u>	Transfer # <u>T-10767</u>
WRD Reviewer <u>J Skane</u>	Date <u>9-11-15</u>	
WRD Peer Reviewer <u>J. Joyce</u>	Date <u>9-23-15</u>	

## Research

- Organize file in chronological order
- Pull CBU Report & Map(s), Application Map, relevant Permit, Certificate, or Transfer Order, most recent Assignments, Extension Orders, SWL Measurements, Fish Screen Certification Documents, Water Use Reports & Pump Tests
- Search for Water Right Location using Interactive Mapper. Identify Tax Lots & check for Area of Interest (AOI)
- Water Organization identified using AOI?  No  Yes
  - If "Yes" cc: \_\_\_\_\_ & Add to Mailing List
- Print Tax Lot Map from ormap.net for the original Place of Use, and confirm Current Ownership & Address with County Assessor tax lot 1300
- If there is a new owner, Add to Mailing List, including the owner(s) name & tax lot number
- Print Platcard & check for Place of Use Conflict?  No  Yes
  - If "Yes", provide copy of certificate & relevant map
- Print BLM Cadastral Survey Plot 1 NWNW Plot 2 SWNW
- Does Claim Map identify correct DLC, Gov't Lots, QQ's?  No  Yes
  - If "No", either \_\_\_\_\_ WRD amend map OR \_\_\_\_\_ prepare Order of Certification

## Reviewing Claim

Have conditions on relevant permit, certificate, or transfer order been complied with? Yes, No, OR N/A

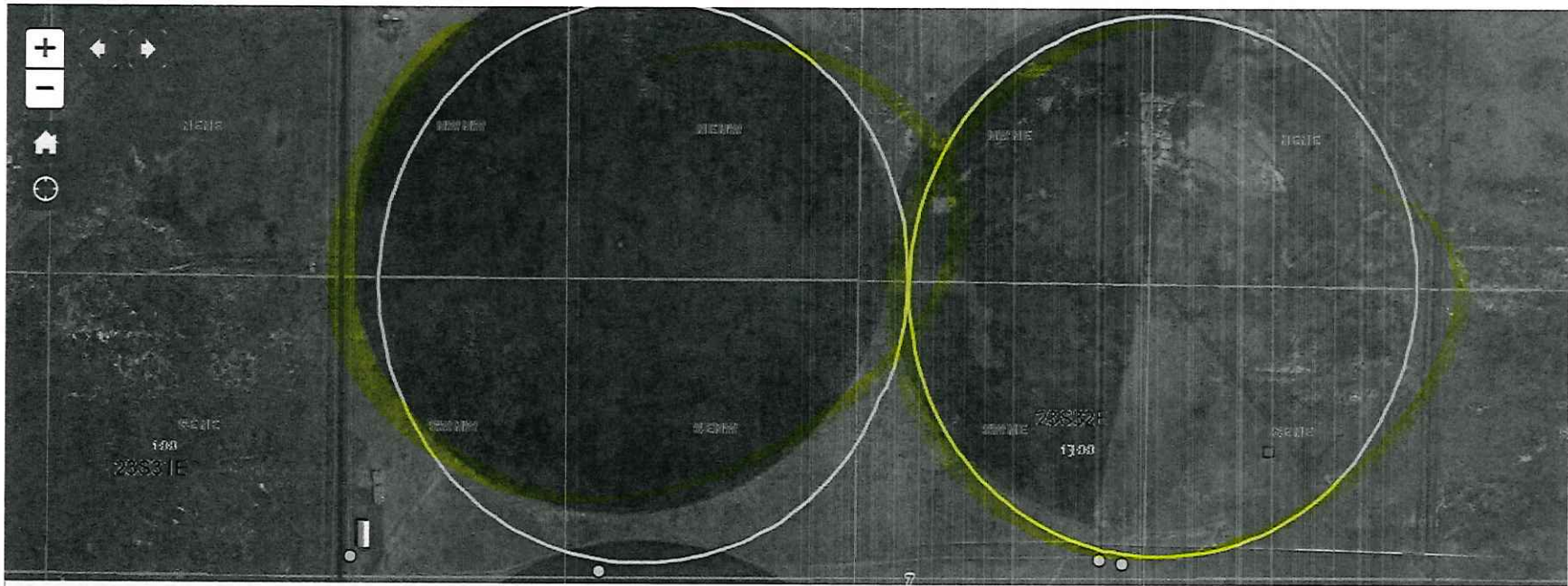
- Fish Conditions
- Meter/measuring device meters March 2006
- Water Use Reporting first water use (2008-2009) - wells 1, 2, 3, 4
- Pump Test (post December 19, 1988) 4-26-2012 Approved (well exemption for the other 2 ok)
- Other Conditions \_\_\_\_\_
- SWL
- C-Date 10-1-2009 (summer 2008)
- System Capacity 3.87 CFS (No Sprinkler Capacity) 1/80 x 200.42 = 2.51 CFS
- Run Capacity Calculator and Print Findings (for pump, sprinklers, pipes, ditches, as appropriate)
  - PIVOT CAP. W → 898 gpm > 1749 - 3.90 CFS
  - E → 851 gpm

### NOTES:

Permit Amendment: Approving Additional Points of Appropriation  
± change in place of use

Chris T Palmer, M A Palmer & Sons Inc - QURE





Tax Lots

Identify Tax Lots

[OR Map](#)

- Off
- On

County:	Harney
Taxlot:	23S32E000001300 ✓
Owner1:	Null
Owner2:	Null
Owner Address:	
Site Address:	
Acres:	1160.8
TRSQQ:	WM23.00S32.00E0XXXX
Effective Date:	January 1, 2014

Note: Tax lot information provided here is for general inquiry purposes. It may not be up to date or may not be an official record. Please contact the respective county tax assessor's office for more current and specific information.

It is recommended to zoom to a detailed extent before inquiry.

# Statement of Tax Account

HARNEY COUNTY TAX COLLECTOR  
HARNEY COUNTY COURTHOUSE  
BURNS, OREGON 97720  
(541) 573-8365

9/21/2015 10:44:11 AM

WILLIAMS, JOSEPH C  
70785 OLD EXPERIMENT RD  
BURNS, OR 97720

*mailing address*

<b>Tax Account #</b> 5486	<b>Lender</b>
<b>Account Status</b> Active	<b>Loan #</b>
<b>Roll Type</b> Real Property	<b>Property ID</b> 0120 23S32E000001300
<b>Situs Address</b> 70251 OLD EXPERIMENT RD, BURNS, OR 97720	<b>Interest To</b> Oct 15, 2015

## Tax Summary

Tax Year	Tax Type	Total Due	Current Due	Interest Due	Discount Available	Original Due	Due Date
2014	ADVALOREM	0.00	0.00	0.00	0.00	4,068.40	Nov 15, 2014
2013	ADVALOREM	0.00	0.00	0.00	0.00	3,950.38	Nov 15, 2013
2012	ADVALOREM	0.00	0.00	0.00	0.00	4,506.55	Nov 15, 2012
2011	ADVALOREM	0.00	0.00	0.00	0.00	4,170.25	Nov 15, 2011
2010	ADVALOREM	0.00	0.00	0.00	0.00	4,049.52	Nov 15, 2010
2009	ADVALOREM	0.00	0.00	0.00	0.00	3,933.96	Nov 15, 2009
2008	ADVALOREM	0.00	0.00	0.00	0.00	3,828.14	Nov 15, 2008
2007	ADVALOREM	0.00	0.00	0.00	0.00	3,205.60	Nov 15, 2007
2006	ADVALOREM	0.00	0.00	0.00	0.00	2,559.48	Nov 15, 2006
2005	ADVALOREM	0.00	0.00	0.00	0.00	2,337.02	Nov 15, 2005
2004	ADVALOREM	0.00	0.00	0.00	0.00	2,270.47	Nov 15, 2004
2003	ADVALOREM	0.00	0.00	0.00	0.00	2,205.78	Nov 15, 2003
<b>Total</b>		0.00	0.00	0.00	0.00		

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

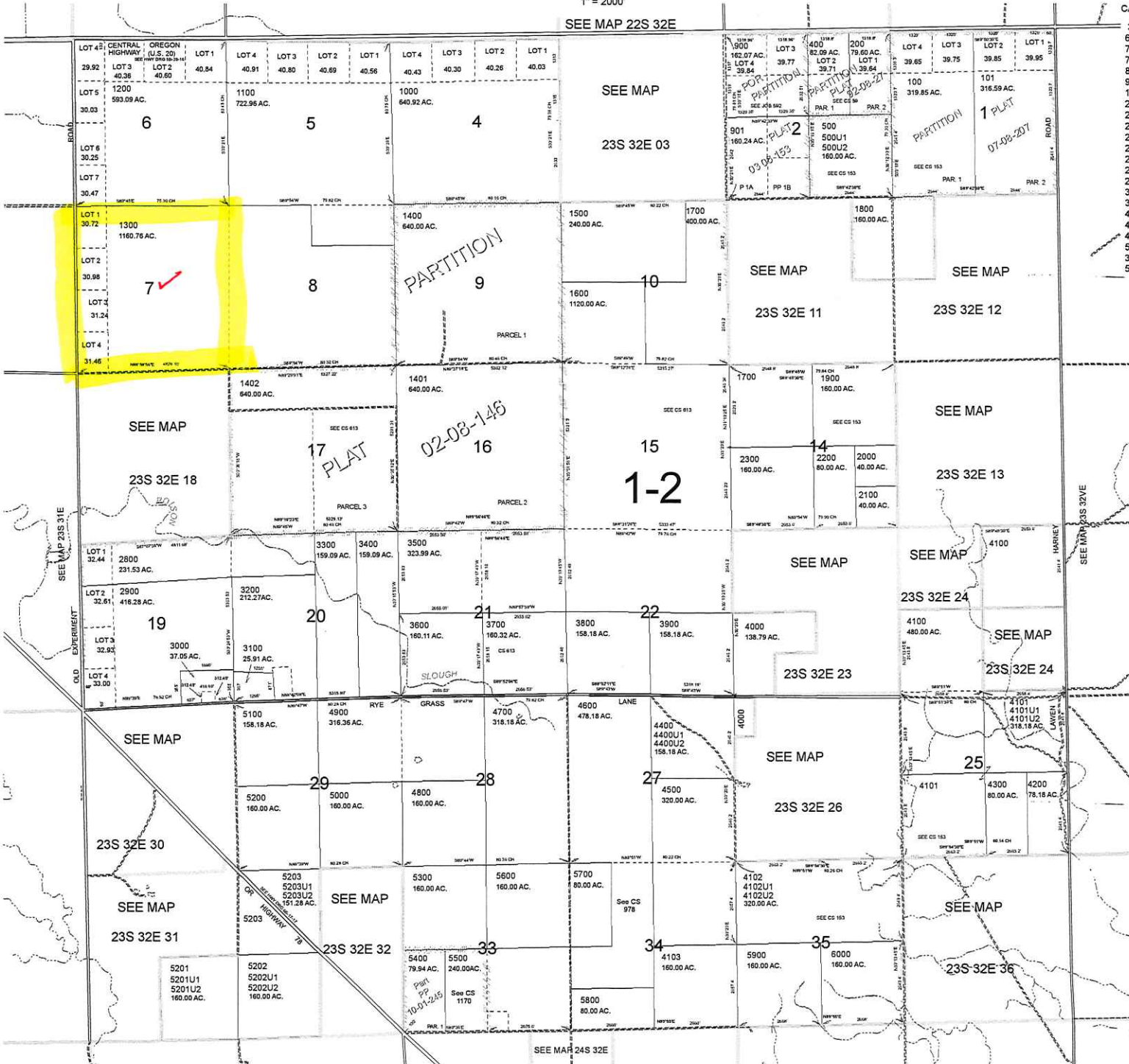
# T.23S. R.32E. W.M. HARNEY COUNTY

23S 32E

1" = 2000'

SEE MAP 22S 32E

CANCELLED NO.



- 300
- 600
- 700
- 700M1
- 800
- 900M1
- 1800M1
- 2000M1
- 2000M2
- 2100M1
- 2200M1
- 2400
- 2500
- 2600
- 2700
- 3200M1
- 3200M2
- 4300M1
- 4300M2
- 4900M1
- 5700M1
- 3201 (2011)
- 5401 (2013)



PRINTED ON  
6/18/2013

23S 32E



reset

pan

blowup

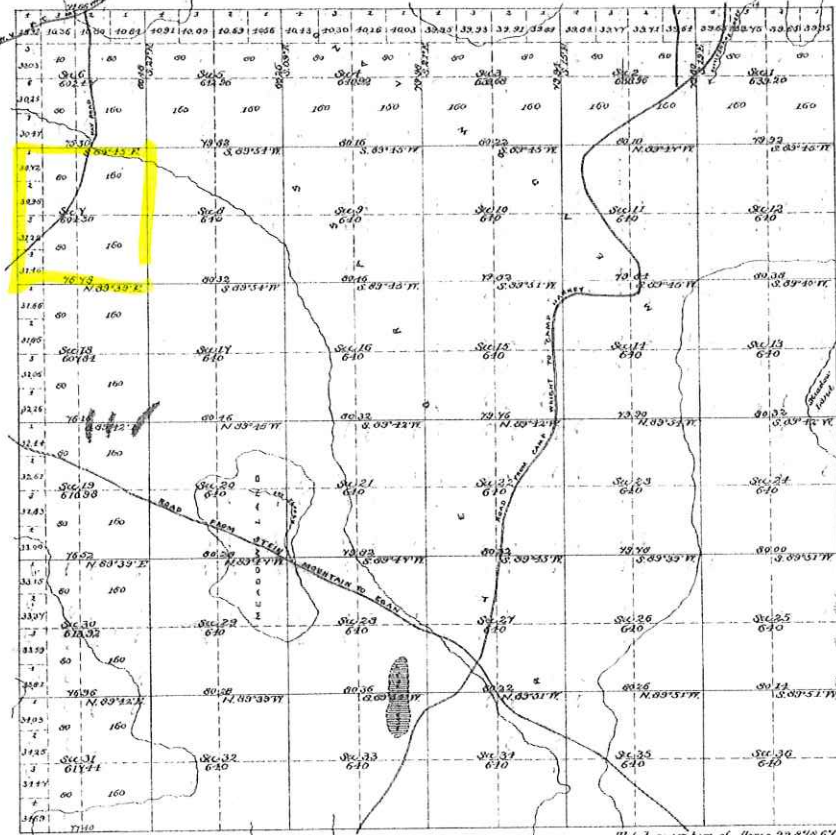
reduce

enlarge

print

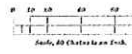
4105

Township No. 23 South Range No. 32 East Willamette Meridian, Oregon.



Total number of Acres 22,878.67

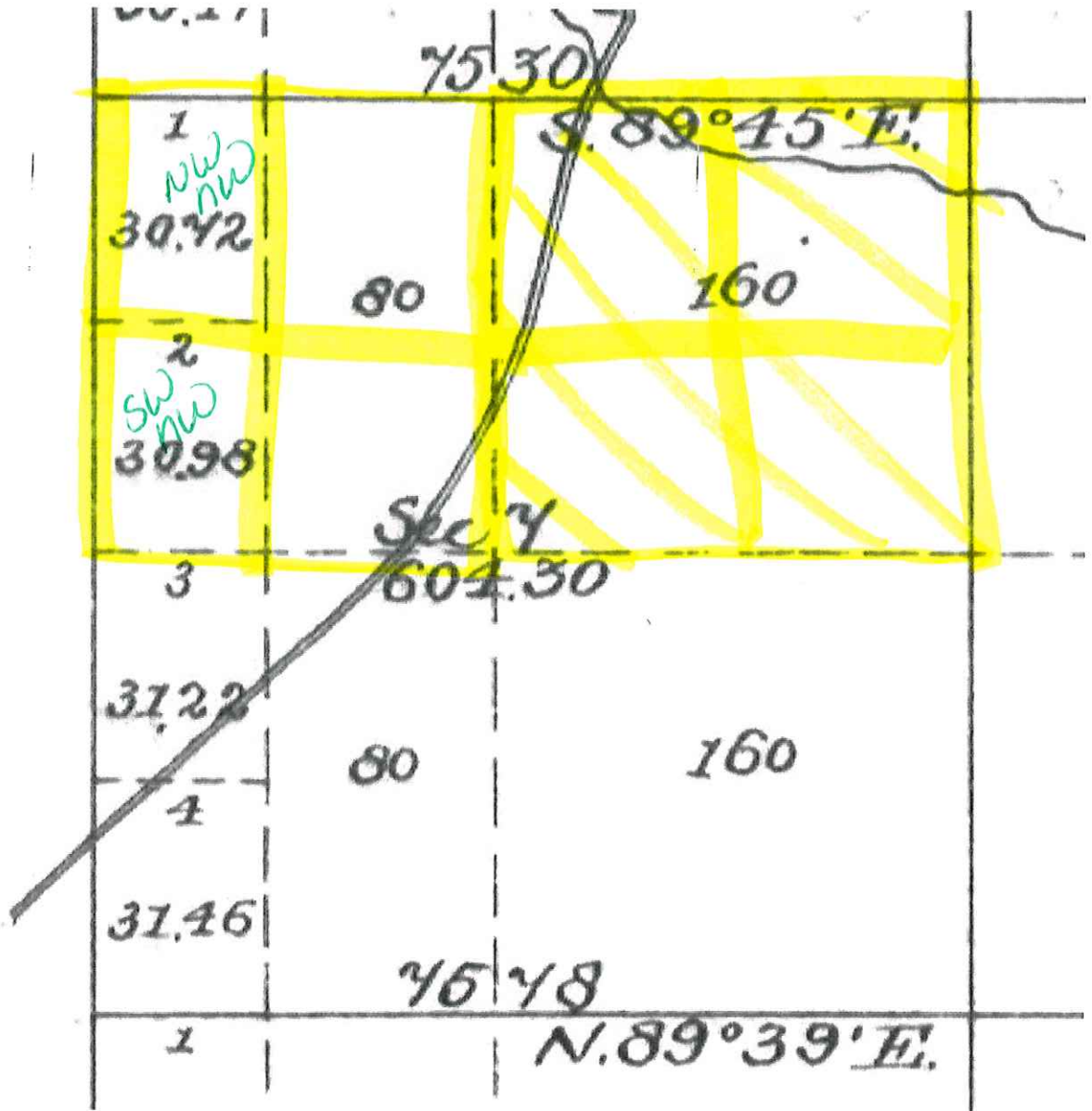
SURVEYS DESIGNATED.	BY WHOM SURVEIED.	NO.	DATE OF CONTRACT.	AMOUNT OF SURVEYS.			WHEN SURVEIED.	BEAR DECLINATION.
				Acres.	Chains.	Links.		
Township Lines Subdivisions	Henry K. Hawk	470	July 10, 1883	59	67	16	Sept. 1 to 7, 1883	20° E



The above map of the Subdivisions of Township No. 23 South of Range No. 32 East of the Willamette Meridian, Oregon, is strictly conformable to the Field Notes of the survey thereof on file in this office, which have been examined and approved.  
U. S. Surveyor-General's Office,  
Portland, Oregon,  
Feb. 25, 1884 J. M. Williams  
Survey General of Oregon

COPYED BY THE BUREAU OF LAND SURVEY, U. S. DEPARTMENT OF THE INTERIOR





# Water Rights Platcard Report

Meridian: Willamette Township: 23 South Range: 32 East Section: 7 Records per Page: 999 Search Platcards Maps! Learn about \* View Map

Water Right	Changing Xfers	Priority	Use	Use Status	DLC	Gov't Lot	QQ(40): Q(160):	NE NE	NW NE	SW NE	SE NE	NE NW	NW NW	SW NW	SE NW	NE SW	NW SW	SW SW	SE SW	NE SE	NW SE	SW SE	SE SE	Unkown QQ
Select <b>Cert:14434 OR *</b> Additional Info: GROVER N JAMESON App: S17484 Permit: S13193 Cert: 14434		8/5/1938	IRRIGATION					40	33.2	32	40													
								<i>Primary</i>																
Select <b>Permit: G 15801 *</b> Additional Info: JOSEPH WILLIAMS II App: G16132 Permit: G15801		11/17/2003	SUPPLEMENTAL IRRIGATION (Suppl'mtl)					26.8	26.7	23.92	22.6	33.3	<del>33.3</del>		28.9									
								<i>working file</i>																
Select <b>Cert:11096 OR CN</b> Additional Info: HARNEY BRANCH EXPERIMENT STATION App: U62 Permit: U58 Cert: 11096		7/27/1931	IRRIGATION	CN												40	31.22	28.45	40			40		
								<i>nc</i>																
Select <b>Cert:20705 CR CN</b> Additional Info: HARNEY BRANCH EXPERIMENT STATION App: U62 Permit: U58 Cert: 20705	T10272	7/27/1931	IRRIGATION	CN												40	31.22	28.45	40			40		
								<i>nc</i>																
Select <b>Cert:34029 OR *</b> Additional Info: HUBER RAY App: S37295 Permit: S27777 Cert: 34029		1/9/1962	IRRIGATION									38.9			38.4					38.9	40		37.4	
								<i>Primary nc</i>																
Select <b>Cert:34029 OR *</b> Additional Info: HUBER RAY App: S37295 Permit: S27777 Cert: 34029		1/9/1962	IRRIGATION			1							30.2											
								<i>Primary nc</i>																
Select <b>Cert:34029 OR *</b> Additional Info: HUBER RAY App: S37295 Permit: S27777 Cert: 34029		1/9/1962	IRRIGATION			2								30.5										
								<i>Primary nc</i>																
Select <b>Cert:35136 OR *</b> Additional Info: HUBER RAY App: G2526 Permit: G2341		1/14/1963	SUPPLEMENTAL IRRIGATION (Suppl'mtl)									8.8												
								<i>nc</i>																

A - 7/16/66

### Pump Capacity Calculator

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Well No. 1

#### Data Entry (fill in underlined blanks)

HP = 15 ✓  
 Efficiency = 7.04 ✓  
 Lift = 185 ✓  
 PSI = 35 ✓

#### Results Calculated

(hp)(efficiency) = 105.6  
 Head based on psi = 88.9  
 Total dynamic head = 273.9  
 (head + lift)

Pump Capacity = 0.386 cubic feet per second

0.39 CFS - claim

(0.39)  
 Well No 1 0.40 CFS  
 Well No 3 1.54 CFS ✓  
 Well No 4 1.93 CFS ✓  
 total = 3.87 CFS

Permit : Order has rate of 2.51 CFS

\* not enough info for sprinkler capacity

$$\frac{1}{80} \times 200.42 = 2.51 \text{ CFS}$$

Pivot calcs. provided on p.9

West pivot → 898 gpm - 2.0 CFS

East pivot → 851 gpm - 1.90 CFS

3.9 CFS

3 wells tied together to run 2 pivots.

A - 6/27/04

**Pump Capacity Calculator**  
using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Well No 4

**Data Entry (fill in underlined blanks)**

HP = 75 ✓  
Efficiency = 7.04 ✓  
Lift = 185 ✓  
PSI = 35 ✓

**Results Calculated**

(hp)(efficiency) = 528  
Head based on psi = 88.9  
Total dynamic head = 273.9  
(head + lift)

Pump Capacity = **1.928 cubic feet per second** ✓

claim

- 1.93 cfs



A - 4/2/08

### Pump Capacity Calculator

using Department designed formula:

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

Efficiency:

Centrifugal = 6.61

Turbine = 7.04

Well No 3.

#### Data Entry (fill in underlined blanks)

HP = 60 ✓  
Efficiency = 7.04 ✓  
Lift = 185 ✓  
PSI = 35 ✓

#### Results Calculated

(hp)(efficiency) = 422.4  
Head based on psi = 88.9  
Total dynamic head = 273.9  
(head + lift)

Pump Capacity = 1.542 ✓ cubic feet per second

This form is subject to revision. Begin each new claim by checking for a new version of this form and downloading a new one if necessary.

If you have questions regarding the completion of this form, contact:

Gerry Clark by e-mail at [Gerald.E.CLARK@wrд.state.or.us](mailto:Gerald.E.CLARK@wrд.state.or.us) or by phone at 503-986-0811,

Or Jerry Gainey by e-mail at [Jerry.W.GAINEY@wrд.state.or.us](mailto:Jerry.W.GAINEY@wrд.state.or.us) or by phone at 503-986-0812.

The Department has a new program that allows a permit holder to pay the cost to have a private contractor review of the claim and, if appropriate, prepare a certificate. This new program means a certificate can be issued in about a month. The Department has a list of trained contractors that are selected on a rotating basis. For more information on this program see:

[http://www.wrd.state.or.us/OWRD/mgmt\\_reimbursement.shtml](http://www.wrd.state.or.us/OWRD/mgmt_reimbursement.shtml).

\*\*This box can be deleted

**Oregon Water Resources Department**  
**725 Summer St. NE, Suite A**  
**Salem, OR 97301-1266**

## CLAIM OF BENEFICIAL USE

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

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. Every numbered item must have a response. If any requested information does not apply to the Claim, insert "n/a." Do not delete any section of this form unless directed by the form. The Department may require the submittal of additional information from any water user or authorized agent. A separate form shall be completed for each permit or transfer final order.

### I. General Information

#### 1. File Information

Application Number (G, R, S or T)	Permit Number (if applicable)
T-10767      G-16132	G-15801

*WRD staff 8-28-09*

#### 2. Property owner (current owner information)

##### a. Individuals

Name	JOSEPH C. WILLIAMS II
Mailing Address	70795 OLD EXPERIMENT STATION ROAD
City/State/Zip	BURNS OR 97720
Phone #	541-573-1042
Fax #	
e-mail address	

##### b. Businesses/Organizations

Name	<b>RECEIVED</b>
Contact Person and Title	AUG 12 2009
Mailing Address	WATER RESOURCES DEPT
City/State/Zip	SALEM, OREGON
Phone	
Fax	
e-mail	



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

3. Permittee / Transferee of record (this may, or may not, be the current property owner)

c. Individuals

	Individual 1	Individual 2
Name		
Mailing Address		
City/State/Zip		

d. Businesses/Organizations

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	

4. Date of Site Inspection: *MAY 2009*

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

Name	Date	Association with the project
<i>JOE WILLIAMS</i>	<i>MAY 2009</i>	<i>OWNER</i>

6. County: *HARNEY*

7. Tax Lot Information:

Tax map number	Tax lot number
<i>T 235 R 32 E</i>	<i>1300 ✓</i>

8. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(3)):

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

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone #	

**RECEIVED**

Name	<i>AUG 12 2009</i>
Contact Person and Title	
Mailing Address	<i>WATER RESOURCES DEPT</i>
City/State/Zip	<i>SALEM, OREGON</i>
Phone #	

## II. Points of Diversion/Appropriation and Place of Use

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section for each point of diversion or appropriation.

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

THREE WELLS - WELL 1, 3 & 4. THE WELLS ARE TIED TOGETHER VIA P.V.C. PIPING - THE WELLS PROVIDE WATER TO TWO CENTER IRRIGATION PIVOTS.

2. Point of diversion/appropriation name or number (correspond to map):

Point of diversion/appropriation name or number (correspond to map)	Well log ID # for all work performed on the well (if applicable)	Well tag # (if applicable)
WELL 1 WELL 3 WELL 4	NO WELL LOG	94480 83213

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

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

Source	Tributary to

4. Point of diversion/appropriation location:

(DLC, Government Lot, 1/4 1/4, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
WELL 1 WELL 3 WELL 4	2720' N 1200' E - FROM S.W. COR. SEC. 7 2570' S 3630' E - FROM N.W. COR. SEC. 7 2720' N, 53' E - FROM S.W. COR. SEC. 7

5. Actual use(s), period of use, and rate for each use:

Uses	If irrigation, list crop type	When water is used	Rate for use
IRRI - WELLS 1, 3, 4	ALFALFA & GRASS HAY	3/1 THRU 10/31	1/80 CFS/AC.

Total Quantity of Water 2.51 CFS PER T-10767

6. Place of use for the point of diversion or appropriation:

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres
- SEE ATTACHED SHEET -								
								RECEIVED AUG 12 2009 WATER RESOURCES DEPT SALEM, OREGON

Total Acres Irrigated \_\_\_\_\_

**Groundwater Source Information (Well and Sump)**

\*\*If the appropriation is not from ground water (well or sump), this section, items 1-5, can be deleted.

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

WELL 1 - 3/4" HOLE IN TIP PLATE, WELL 3 - 1/4" PIPE, WELL 4 - 1/2" PIPE

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

Casing Diameter	Casing Depth	Total Depth	Completion Date of Original Well	Completion Dates of Alterations	Who the well was drilled for	Well drilled by
12"	230'	235'		NOT KNOWN		

WELL 1

SEE ATTACHED WELL LOGS FOR WELLS 3 & 4

In addition to the information requested in item "2" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

\*\*If the appropriation is not from a sump, the following section, items 3-4, can be deleted. Construction standards for sumps can be found in OAR 690-210-0400.

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

Length	Width	Average diameter	Maximum depth	Surface area (in acres)	Volume in cubic feet or acre feet

4. If the sump is curbed constructed with watertight surface curbing, describe the curbing in the table below:

Curbing material (concrete, concrete tiles, or steel)	If concrete, provide the thickness of the wall

5. Provide sump volume calculations in the box below:

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**Reservoir Data**

\*\*If this claim is not for a reservoir, or the system does not involve a reservoir as part of the distribution system, this section, items 1-7, can be deleted.

1. If the reservoir required the submittal of as-built plans and specifications, complete the table below:

Have the documents been submitted? yes or no	When were the documents submitted	Have they been approved by the Department?

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

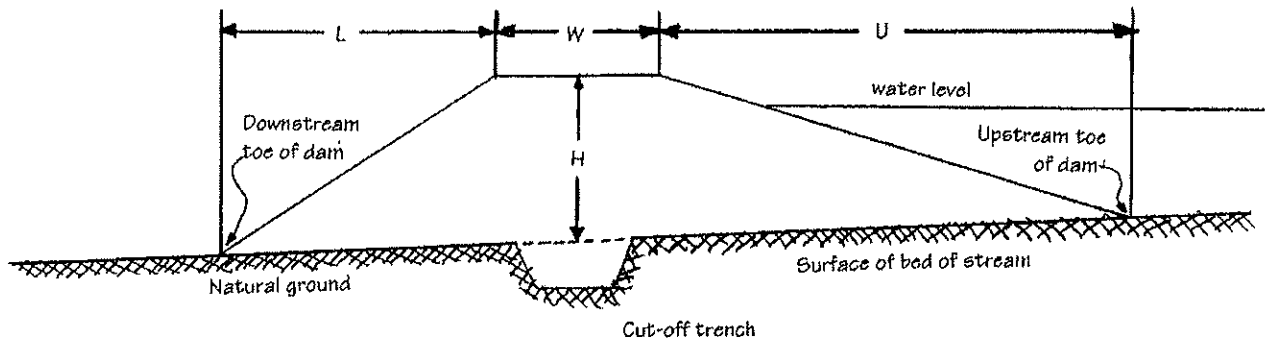
Maximum depth	Average depth	Surface area (in acres)	Volume in acre feet

3. Provide reservoir volume calculations in the box below:

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

Crest width (W)	Dam height at centerline (H)	Distance from downstream top of dam to downstream toe (L)	Distance from upstream top of dam to upstream toe (U)	Water level at inspection	Downstream slope	Upstream slope

Example Dam Profile \*\*This box can be deleted from the form



5. In the box below, provide a drawing showing the cross section of the dam at the maximum section indicating details and dimensions. The drawing should be drawn at a standard even scale.

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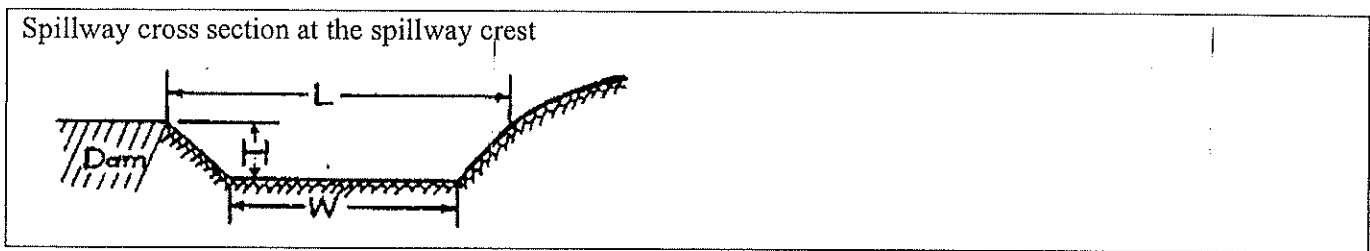
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6. Describe the outlet works (size and type of the outlet conduit and location) in the box below:

7. Describe the emergency spillway (dimensions and location) in the box below:

Spillway location	Bottom width (W)	Top width (L)	Spillway depth (H)



**Storage tank data**

\*\*If this system does not include a storage tank as part of the distribution system, this section, item 1, can be deleted.

1. If the system involved a storage tank, complete the table below:

Material (concrete, fiberglass, metal, etc.)	Capacity in gallons	Above ground or buried

**Gravity flow pipe** (The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

\*\*If this claim does not rely on a gravity flow pipe to convey the water as part of the distribution system, this section, items 1-3, can be deleted.

1. If the system involves a gravity flow pipe, complete the table below.

Pipe size	Pipe type	"C" factor	Amount of fall	Length of pipe	Slope	Computed rate of water flow

2. Provide calculations in the box below:

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

Date of Measurement	Who made the measurement	Measurement method	Measured quantity of water

Attach measurements notes

**Gravity flow canal or ditch** (The Department typically uses Manning's formula for canals and ditches)

\*\*If this claim does not rely on a gravity flow canal or ditch to convey the water as part of the distribution system, this section, items 1-3, can be deleted.



1. If the system involves a gravity canal or ditch, complete the table below.

Canal or ditch type (material)	Top width of canal or ditch	Bottom width of canal or ditch	Depth	"N" factor	Amount of fall	Length of canal/ditch	Slope	Computed volume

2. Provide calculations in the box below:

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

Date of Measurement	Who made the measurement	Measurement method	Measured quantity of water

Attach measurements notes

System Information:

*SEE ATTACHED SHEETS FOR WELLS 1, 3, & 4*

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage

3. Meter information (if required in permit or transfer final order)

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Make	Serial #	Condition (working or not)	Current meter reading	Notes

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4. Measurement device description

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Device description	Condition (working or not)	Notes

5. Measured pump capacity (using meter if meter was present and system was operating)

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output





**2. Initial Water Level Measurements:**

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

- a. Was the water user required to submit an initial static water level measurement? YES  NO NA
- b. What month was the initial measurement to be taken in?
- c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?  
YES  NO
- d. If "YES", was the measurement submitted to the Department? YES NO
- e. If the initial measurement not been submitted, provide that measurement now if available:

Date of measurement	Who made measurement	Method	Measurement

**3. Annual Static Water Level Measurements:**

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

- a. Was the water user required to submit annual static water level measurements? YES  NO NA
- b. In the box below, provide the month in which the static water level was to be made:
- c. Were the static water level measurements taken in the month required? YES NO
- d. If "YES", were those measurements submitted to the Department? YES NO
- e. If the annual measurements were not submitted, provide the measurements now in the box below:

Year	Month	Measurement made by	Measurement

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**4. Measurement, recording, and reporting conditions:**

- a. Does the permit or transfer final order require the installation of a meter or approved measuring device?  
YES NO

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

\*\*If "NO", items b through g relating to this section can be deleted.

- b. Has a meter been installed?  YES NO *WELLS 1, 3, & 4*

9. Lateral or handline information

Lateral or handline size	Length	Type of pipe	Buried or above ground

10. Sprinkler information Make and model: *6PM*

*WEST PIVOT  
EAST PIVOT*

Make	Model	Size	Operating psi	Sprinkler output	Maximum number used	Total sprinkler output
<i>SENNINGER</i>	<i>1-WOB</i>		<i>35</i>	<i>1.00 TO 12.50</i>		<i>3.9 CFS combined</i>
<i>SENNINGER</i>	<i>1-WOB</i>		<i>35</i>	<i>1.00 TO 12.30</i>		

Refer to the chart of sprinkler output at various pressures for most nozzle sizes attached to this document.

$$Q_{\text{sprinklers}} = \frac{(\text{max \# heads})(\text{gpm/head})}{448.8 \text{ gpm/cfs}} = \text{cfs}$$

11. Additional notes or comments related to the system:

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*WEST PIVOT*  $Q = \frac{(1.00 + 12.50)}{2} 133 = 898 \text{ GPM}$

*EAST PIVOT*  $Q = \frac{(1.00 + 12.30)}{2} 128 = 851 \text{ GPM}$

**TOTAL = 1749 GPM = 3.9 CFS**

**WELL OUTPUT**

WELL 1 - 175 GPM  
WELL 3 - 691 GPM  
WELL 4 - 865 GPM

**TOTAL WELL OUTPUT = 1731 GPM = 3.86 CFS**

III. CONDITIONS

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

1. Time Limits:

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

	Dates from permit or transfer final order	Date accomplished	Description of actions taken by water user to comply with the time limits
Begin construction	<i>MAY 2009</i>	<i>2006</i>	<i>SUMMER</i>
Complete construction	<i>MAY 2010</i>	<i>2008</i>	<i>SUMMER</i>
Complete application of water	<i>MAY 2010</i>	<i>2008</i>	<i>SUMMER</i>

*10/1/09*



c. Provide the date the meter was installed:

MARCH 30, 2000

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES NO

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

Table with 3 columns: Name, Title, Approximate date

f. Is the water user required to report the water use to the Department? YES NO

g. Have the reports been submitted? YES NO

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

5. Fish Screening and/or By-pass Devices

a. Are any points of diversion required to be screened and/or have a by-pass device to prevent fish from entering the point of diversion? YES NO NA

If fish screening and/or by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

\*\*If "NO", items b through i relating to this section can be deleted

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b. Has the fish screening been installed? YES NO

c. When was the fish screening installed?

Table with 2 columns: Date, By whom

d. Is the total diversion rate of all rights at the point of diversion less than 0.5 cfs? YES NO

e. If the total diversion rate is less than 0.5 cfs, has the water user self certified the fish screen. YES NO

f. Has a self certification form been previously submitted to the Department? YES NO

g. If not, is the self certification form attached to this Claim? YES NO

h. If the total diversion rate is greater than 0.5 cfs, has ODFW approved the screening? YES NO

i. Has the water user previously submitted a letter from ODFW approving the screening? YES NO

j. If not, is the approval letter attached to the Claim? YES NO

k. Has the by-pass device been installed? YES NO

1. Describe the by-pass device:

When installed	By whom	Approved by ODFW	Description

6. **Pump Test** (Required for ground permits prior to issuance of a certificate, but not a requirement of permit development)

- a. Did the permit require the submittal of a pump test? YES NO NA
- b. Has the pump test been previously submitted to the Department? YES NO
- c. Has the pump test been approved by the Department? YES NO
- d. If no, is the pump test attached to this Claim? YES NO

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

**IV. Variations, Attachments, Conclusions, Map and Signatures**

**Variations**

Include a description of variations from the permit or transfer final order

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**Attachments**

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

Attachment name	Description
WELL 1, 3 & 4	SYSTEM INFORMATION FOR EACH WELL
PLACE OF USE	TOTAL SUPPLEMENTAL ACRES = 200.42
WELL 3 & 4	WELL LOGS

**Permit and Transfer Final Order Rates and System Rates Comparisons:**

POD or POA name or #	Maximum rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	Developed use	# of acres allowed by permit or transfer final order	# of acres developed
WELLS 1, 3, & 4	2.51 CFS	3.86 CFS	—	IRRI	200.42	200.42

**Claim of Beneficial Use Map**

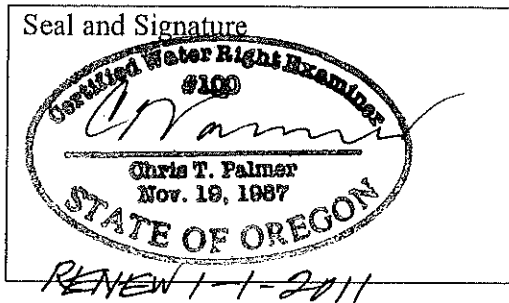
The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

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

NIKON TOTAL STATION WITH RELATED EQUIPMENT.  
THE CENTRAL POINT WAS THE S.E. COR. OF SECTION  
7, T 23 S, R 32 E, WM.

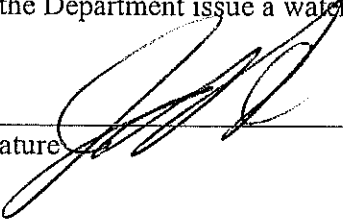
CWRE Statement, Seal and Signature

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



Permit or Transfer Holders Signature or Acknowledgement

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

Signature  Print or type name Joseph C. Williams Date 8-10-2009

Signature \_\_\_\_\_ Print or type name \_\_\_\_\_ Date \_\_\_\_\_

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# SPRINKLER CAPACITIES BY NOZZLE SIZE IN GALLONS PER MINUTE

This chart is comprised of information gathered from a number of sources and may differ slightly from the manufacturer's specifications.

("\*" designates computed capacity)

\*\*This page can be deleted

		P.S.I.																		
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	
<b>NOZZLE SIZE</b>	3/32				1.1	1.3	1.4	1.5	1.6	1.7	1.8									
	7/64				1.5	1.7	1.9	2	2.2											
	1/8				1.9	2.2	2.4	2.7	2.9	3	3.2									
	9/64				2.3	2.6	2.9	3.1	3.4	3.7	4									
	5/32				3	3.4	3.8	4.1	4.4	4.7	5									
	11/64	1.9	2.7	3.3	3.7	4.2	4.6	5	5.4	5.7	6	6.3	6.6							
	3/16	2.2	3.2	3.9	4.3	5	5.5	6	6.4	6.8	7.2	7.5	7.8							
	13/64	2.9	3.6	4.5	5.1	5.9	6.5	7.1	7.6	8.1	8.5	8.9	9.2							
	7/32		4.1	5.1	5.8	6.8	7.6	8.3	8.9	9.4	9.9	10.3	10.6							
	15/64							8.8	10			11.2	12.4							
	1/4		5.2	6.4	7.4	8.9	9.8	10.6	11.4	12.1	12.8	13.4	13.9	14.8*	15.3*	15.9*	16.4*	16.9*	17.4*	
	17/64								12.5	14		15.6	17.1							
	9/32					11.2	12.3	13.3	14.3	15.2	16	16.8	17.5	18.1	18.9	19.7	20.7*	21.4*	22*	
	19/64								16.6		18.3		19.9		21.4					
	5/16					13.1	15.2	16.5	17.7	18.9	20	21	22	23	23.9	24.8	25.7	26.4*	27.1*	
	21/64										20.8		22.7		24.6		26.4			
	11/32					16.5	18	19.7	21.1	22.5	23.8	25	26.2	27.4	28.5	29.6	30.6	31.9*	32.8*	
	23/64										24.5		26.8		29.1		31.4			
	3/8					19	21	22.8	24.4	26	27.5	29.1	30.6	32	33.2	34.5	35.7	38*	39*	
	13/32										29*	30.9*	32.7*	34.5*	36.2*	37.4*	38.9*	40.4*	41.9*	43.3*
7/16										33.5*	35.6*	37.7*	39.7*	41.7*	43.6*	45.3*	46.9*	48.4*	50.1*	51.6*
1/2										42.5*	45.2*	47.7*	50.2*	52.5*	54.7*	56.8*	58.6*	60.6*	63.6*	66.7*

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System Information:

Well No 1

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
BERKLEY	MDL	15-225	SUBMERSIBLE	4"	4"

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage
FRANKLIN	MDL-2366138120		3606	480

3. Meter information (if required in permit or transfer final order)

Make	Serial #	Condition (working or not)	Current meter reading	Notes
AQUAMETER	30125	WORKING	251730 GAL	

4. Measurement device description - SEE ITEM 3

Device description	Condition (working or not)	Notes

5. Measured pump capacity (using meter if meter was present and system was operating)

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output
NOT IN OPERATION			

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
15	35 PSI	0	185 FT.	175 GPM

7. Provide pump calculations in the box below:

$$Q = \frac{(HP)(7.04)}{LIFT + PRESSURE}$$

HP = 15, LIFT = 185 FT, PRESSURE = 35 PSI

$$Q = \frac{(15)(7.04)}{185 + 35} = \frac{(15)(7.04)}{220} = 0.39 \text{ CFS} = 175 \text{ GPM}$$

0.3899

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SALEM, OREGON

**System Information:**

**Well No. 3**

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
FAYLOS	9THC	L010309-017	TURBINE	6"	6"

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage
US	BF56A	60	1770	480

3. Meter information (if required in permit or transfer final order)

Make	Serial #	Condition (working or not)	Current meter reading	Notes
MCCROMETER	08-03392	WORKING	104.826 AC-FT	

4. Measurement device description *SEE ITEM 3*

Device description	Condition (working or not)	Notes

5. Measured pump capacity (using meter if meter was present and system was operating)

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
60	35 PSI	185	0	691 GPM

7. Provide pump calculations in the box below:

$$Q = \frac{(HP)(7.04)}{LIFT + PRESSURE}$$

HP = 60, LIFT = 185 FT, PRESSURE = 35 PSI

$$Q = \frac{(60)(7.04)}{185 + 88.9} = \frac{(60)(7.04)}{273.9} = 1.54 \text{ CFS} = 691 \text{ GPM}$$

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System Information:

Well No 4

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
NATIONAL	MIDHC	LD10207009	TURBINE	6"	6"

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage
HS	405LL	75	1800	480

3. Meter information (if required in permit or transfer final order)

Make	Serial #	Condition (working or not)	Current meter reading	Notes
MCCROMETER	0607873	WORKING	394.83 AC-FT	

4. Measurement device description SEE ITEM 4

Device description	Condition (working or not)	Notes

5. Measured pump capacity (using meter if meter was present and system was operating)

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
75	35	185 FT	0	865 GPM

7. Provide pump calculations in the box below:

$$Q = \frac{(HP)(7.04)}{LIFT + PRESSURE}$$

HP = 75, LIFT = 185 FT, PRESSURE = 35 PSI

$$Q = \frac{(75)(7.04)}{185 + 88.9} = \frac{(75)(7.04)}{273.9} = 1.93 \checkmark \text{ CFS} = 865 \text{ GPM}$$

1.9277

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Well # 3

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

HARN 51441

04-08-2008

Page 1 of 1

WELL LABEL # L 94480  
START CARD # 1002830

(1) LAND OWNER  
Owner Well ID. \_\_\_\_\_  
First Name JOE Last Name WILLIAMS  
Company \_\_\_\_\_  
Address 70785 OLD EXPERIMENT STATION RD  
City BURNS State OR Zip 97720

(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  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION Special Standard  (Attach copy)  
Depth of Completed Well 160.00 ft.  
BORE HOLE SEAL  
Dia From To Material From To Amt sacks/lbs  
28 0 30 Cement 0 30 46,057 P  
24 30 212

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Filter pack from 0 ft. to 160 ft. Material gravel Size 3/8  
Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(6) CASING/LINER  
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd  

24	1	50	.250				
12	2	160	.250				
10	75	160	.250				

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type roscoe moss Material stainless steel

Perf/S	Casing/Screen	Screen Liner Dia	From	To	Scm/slot width	Slot length	# of slots	Tele/pipe size
Screen	Liner	12	52	152	1		1	
Screen	Liner	10	95	155	1		1	

(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 4 1

Temperature 56 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below)  
From To Description Amount Units

(9) LOCATION OF WELL (legal description)  
County Harney Twp 23.00 S N/S Range 32.00 E E/W WM  
Sec 7 SW 1/4 of the NW 1/4 Tax Lot 1300  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
70785 OLD EXPERIMENT STATION RD

(10) STATIC WATER LEVEL Date SWL (psi) + SWL (ft)  
Existing Well / Predeepening \_\_\_\_\_  
Completed Well 04-02-2008 14  
Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 14

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
04-02-2008	14	160	200		14

(11) WELL LOG Ground Elevation \_\_\_\_\_

Material	From	To
topsoil silty loom	0	3
clay tan	3	5
clay yellow	5	12
sand fine blk	12	18
silty sand	18	24
clay grey	24	57
gravel, sand	57	60
clay brn	60	70
sandstone/sand hard	70	87
clay grey sand fine	87	125
clay green	125	150
sand blk	150	200
sandstone	200	208
pumcic sand	208	212

Date Started 01-03-2008 Completed 04-02-2008

(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 \_\_\_\_\_  
Electronically Filed  
Signed \_\_\_\_\_

(bonded) Water Well Constructor Certification  
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 1424 Date 04-08-2008  
Electronically Filed  
Signed TIMOTHY K RILEY (E-filed)  
Contact Info (optional) \_\_\_\_\_

well 4

WELL LABEL # L 83213

START CARD # 185143

(1) LAND OWNER  
Owner Well I.D. \_\_\_\_\_  
First Name JOE Last Name WILLIAMS  
Company \_\_\_\_\_  
Address 70785 OLD EXPERIMENT STATION  
City BURNS State OR Zip 97720

(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  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION Special Standard  (Attach copy)  
Depth of Completed Well 270.00 ft.

BORE HOLE

Dia	From	To	Material	SEAL	From	To	Amt	sacks/ lbs
29	0	20	Cement		0	20	18,000	P
24	20	173						
12	173	270						

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from 173 ft. to 0 ft. Material 3/8 pea gravel  
Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_  
Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	<input checked="" type="checkbox"/>	1	57	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	<input checked="" type="checkbox"/>	1.5	179	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type wire wrap Material stainless steel

Screen	Casing/ Screen	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	12	69	169	.1			

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

Pump  Bailer  Air  Flowing Artesian  
Yield gal/min 100 Drawdown 2 Drill stem/Pump depth \_\_\_\_\_ Duration (hr) \_\_\_\_\_

Temperature 58 °F Lab analysis  Yes By \_\_\_\_\_  
Water quality concerns?  Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)  
County Harney Twp 23.00 S N/S Range 32.00 E E/W WM  
Sec 7 SW 1/4 of the NW 1/4 Tax Lot 1300  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ or \_\_\_\_\_ DMS or DD  
Long \_\_\_\_\_ or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
OLD EXPERIMENT RD

(10) STATIC WATER LEVEL

Existing Well / Predeepening	Date	SWL(psi)	+ SWL(ft)
Completed Well	06-27-2006		13

Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 22

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
06-27-2006	22	257	1,000		13

(11) WELL LOG Ground Elevation \_\_\_\_\_

Material	From	To
topsoil silty loom	0	2
clay blk	2	7
sand coarse	7	15
clay grey	15	40
gravel sand clay	40	52
clay brn	52	65
clay grey	65	75
sand blk	75	85
clay grey	85	102
sand blk	102	115
clay grey	115	130
clay green	130	135
sand blk	135	172
pumice grey hard	172	240
clay pumice gravel	240	245
pumice grey soft	245	257
clay green	257	270

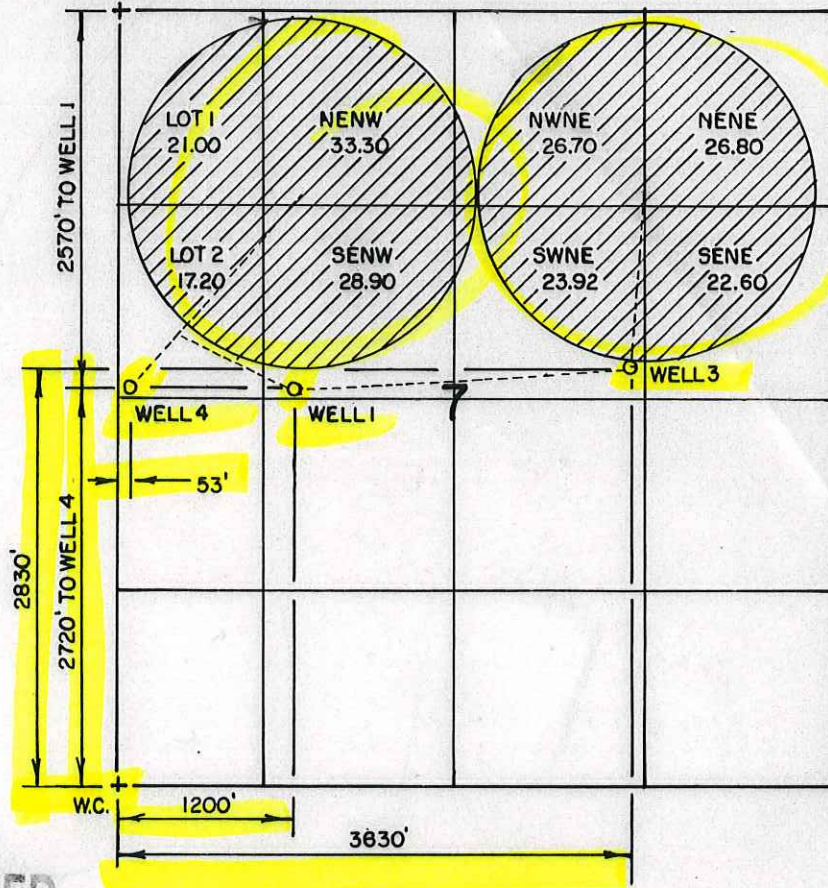
Date Started 06-05-2006 Completed 06-27-2006

(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 \_\_\_\_\_  
Electronically Filed  
Signed \_\_\_\_\_

(bonded) Water Well Constructor Certification  
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 1424 Date 06-29-2006  
Electronically Filed  
Signed TIMOTHY K RILEY (E-filed)  
Contact Info (optional) \_\_\_\_\_



# T 23 S, R 32 E, WM



THE PURPOSE OF THIS MAP IS TO IDENTIFY THE LOCATION OF THE WATER RIGHT. IT IS NOT INTENDED TO PROVIDE INFORMATION RELATIVE TO THE LOCATION OF PROPERTY OWNERSHIP.

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SALEM, OREGON

EACH WELL HAS A FLOW METER - 3' NORTHERLY FROM EACH WELL.  
IRRIGATED LAND IN TAX LOT 1300, T 23 S, R 32 E, WM.

**THIS MAP IS FOR WATER  
RIGHT INFORMATION ONLY**

	<b>FINAL PROOF SURVEY</b>		<b>IN THE NAME OF JOSEPH WILLIAMS II</b>
	<b>UNDER T-10767</b>		
	Scale: 4" = 1 MILE	Date: MAY 2009	Job: 2466 - 09
	Dsn:		Sht. No.
Drm: CHRIS	M.A. PALMER & SONS, INC. ENGINEERING & SURVEYING 711 Ponderosa Village • Box 61 Burns, Oregon 97720		of 1
Ckd:			



STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

*Same name & address  
as the County*

(541) 573-1642

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

APPLICATION FILE NUMBER: G-16132

SOURCE OF WATER: WELL 2 IN RATTLESNAKE CREEK BASIN

PURPOSE OR USE: SUPPLEMENTAL IRRIGATION USE ON 200.42 ACRES

MAXIMUM RATE: 2.51 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 17, 2003

*Added 3 additional wells  
they did not proof up on Well #2*

WELL LOCATION: SW 1/4 NE 1/4, SECTION 7, T23S, R32E, W.M.; 2724 FEET NORTH & 3643 FEET EAST FROM SW CORNER, SECTION 7

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:

*See T-order*

NW 1/4 NE 1/4	31.70 ACRES
SW 1/4 NE 1/4	31.20 ACRES
NE 1/4 NW 1/4	38.90 ACRES
LOT 1 (NW 1/4 NW 1/4)	29.72 ACRES
LOT 2 (SW 1/4 NW 1/4)	30.50 ACRES
SE 1/4 NW 1/4	38.40 ACRES

SECTION 7

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

Measurement, recording and reporting conditions:

*Meters installed*

A. Before water use may begin under this permit, the water user shall install a meter or other suitable measuring device as approved by the Director. The water user shall maintain the meter or measuring device in good working order, shall keep

Application G-16132

Water Resources Department

PERMIT G-15801



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

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

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

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

Complete application of the water to the use shall be made on or before October 1, 2009. If the water is not completely applied before this date, and the water user wishes to continue development under the permit, the water user must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued December 16, 2004

*Dwight Ward*  
Phillip C. Ward, Director  
Water Resources Department

*C date  
10-1-2009  
Claim Summer  
2008*

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the water user named hereon, if the land the permit is associated with changes ownership, or if the water user is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

**Authorized Point of Appropriation:**

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
23 S	32 E	WM	7	SW NE	Well 2 - 2724 feet North and 3643 feet East from the SW Corner of Section 7

**Authorized Place of Use:**

SUPPLEMENTAL IRRIGATION						
Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
23 S	32 E	WM	7	NW NE		31.70
23 S	32 E	WM	7	SW NE		31.20
23 S	32 E	WM	7	NE NW		38.90
23 S	32 E	WM	7	NW NW	1	29.72
23 S	32 E	WM	7	SW NW	2	30.50
23 S	32 E	WM	7	SE NW		38.40

3. Permit Amendment Application T-10767 proposes three additional points of appropriation located approximately 113 to 3577 feet West from the existing point of appropriation:

Twp	Rng	Mer	Sec	Q-Q	GLot	Measured Distances
23 S	32 E	WM	7	SW NE		Well 3 - 2865 feet North and 3517 feet East from the SW Corner of Section 7
23 S	32 E	WM	7	SW NW	2	Well 4 - 2720 feet North and 53 feet East from the SW Corner of Section 7
23 S	32 E	WM	7	SE NW		Well 1 - 2570 feet South and 1200 feet East from the NW Corner of Section 7

4. Permit Amendment Application T-10767 also proposes to change the place of use of the permit to:

SUPPLEMENTAL IRRIGATION						
Twp	Rng	Mer	Sec	Q-Q	GLot	Acres
23 S	32 E	WM	7	NE NE		26.80
23 S	32 E	WM	7	NW NE		26.70
23 S	32 E	WM	7	SW NE		23.92
23 S	32 E	WM	7	SE NE		22.60
23 S	32 E	WM	7	NE NW		33.30
23 S	32 E	WM	7	NW NW	1	21.00
23 S	32 E	WM	7	SW NW	2	17.20
23 S	32 E	WM	7	SE NW		28.90

200.42

5. Notice of the application for the permit amendment was published in the Department's weekly notice on February 3, 2009, and in the Burns Times-Herald newspaper on April 15, 22, and 29, 2009, pursuant to ORS 540.520(5). No comments were filed in response to the notices.

**Permit Amendment Review Criteria**

- The changes would not result in injury to other water rights.
- The proposed place of use is owned and/or controlled by the permit holder.



8. The changes do not enlarge the permit.
9. The changes do not alter any other terms of the permit.
10. The proposed place of use is contiguous to the authorized place of use.

**Conclusions of Law**

The additional points of appropriation and change in place of use proposed by Permit Amendment Application T-10767 are consistent with the requirements of ORS 537.211.

**Now, therefore, it is ORDERED:**

The changes and subsequent use of water shall be subject to the following conditions:

1. The combined quantity of water diverted at the new points 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.
2. Prior to water use from the proposed point of appropriation, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, and 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.

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.

3. Water shall be acquired from the same aquifer as the original point of appropriation.
4. The former places of use not included in the proposed place of use shall no longer be irrigated as part of this permit.
5. All other terms and conditions of Permit G-15801 remain the same.
6. Permit G-15801, in the name of Joseph C. Williams II, is amended as described herein.

Dated at Salem, Oregon this 4<sup>th</sup> day of May, 2009.

  
Phillip C. Ward, Director

Mailing Date: MAY 13 2009



T-10767 - FINAL PROVE &  
CLAIM OF BENEFICIAL  
USE

IPBM II. 6

PLACE OF USE

<u>1/4 1/4</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>USE</u>	<u># SUPP. ACRES</u>
NENE	7	235	32E	IRR	26.80
NWNE	"	"	"	"	26.70
SWNE	"	"	"	"	23.92
SENE	"	"	"	"	22.60
NENW	"	"	"	"	33.30
NWNW	"	"	"	"	21.00
SWNE	"	"	"	"	17.20
SENW	"	"	"	"	28.90

TOTAL ACRES IRRIGATED = 200.42

Well 1 - 2720 FEET NORTH AND 1200 FEET EAST FROM SW CORNER, SEC  
Well 3 - 2830 FEET NORTH AND 3830 FEET EAST FROM SW CORNER, 7

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WATER RESOURCES DEPT  
SALEM, OREGON



# 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

April 6, 2012

**Mr. Joseph C. Williams**  
70785 Old Experiment Station Road  
Burns, OR 97720

**Re: APP. G-16132; PERMIT G-15801; Well-ID: HARN 51441**

Dear Joseph:

I have received the pump test you performed at well #3 (HARN 51441) on February 24, 2012.  
The test is approved.

If you have any questions, please contact me at (503) 986-0844.

Sincerely,

Michael J. Zwart  
Hydrogeologist

cc: Water Rights File

3-28-12  
we approved multiple  
well exemption for the  
rest of wells.



# 2008

## Oregon Water Resources Department October 2008 through September 2009 Monthly Water Use Form

USER-ID 30066

# 2009

*ADP entered quantities*

Facility → Report ID →	(well 1 on transfer T-10767) ✓ 64099	(well 3 on transfer T-10767) ✓ 64090	(well 4 on transfer T-10767) ✓ 64091			
October - 2008	NOT	42.007	82.617 AF	340.482		
November - 2008	used					
December - 2008						
January - 2009						
February - 2009						
March - 2009						
April - 2009						
May - 2009			82.617	0	340.482	0
June - 2009			110.793	23.176	412.027	71.545
July - 2009			142.599	31.806	492.618	80.591
August - 2009			150.017	7.918	523.598	30.98
September - 2009		42.007	156.334	6.317	564.962	41.364
TOTAL *	0	73.717			24.48	

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FEB 16 2010

WATER RESOURCES DEPT  
SALEM, OREGON*Quantities (AF)**Quantities (AF)*

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

Describe the method of measurement used: Meter If used for irrigation, total number of acres irrigated: \_\_\_\_\_

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

*[Signature]*  
Signature  
Joe Williams  
Name

Owner  
Title  
70785 Old Exp St., Burns, OR 97720  
Mailing Address

2-9-10  
Date  
541-573-1692  
Phone Number

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





# Water Use Report Based on Water Right



Permit: G 15801 \*

WILLIAMS II, JOSEPH C. 70785 OLD EXPERIMENT STATION RD BURNS, OR 97720

Records per page:

## Acre-feet (AF) of Water Used

Water Year*	Report ID	Facility	Acre-feet (AF) of Water Used												Total Water Used	Irrigated Acres		
			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep				
2014	62943	WELL 2	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	0.00	0.00	
2014	64089	WELL 1 (HARN 548)	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	0.00	0.00	
2014	64090	WELL 3 (HARN 51441/L-94480)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.30	36.60	26.70	58.80	48.80			190.20	
2014	64091	WELL 4 (HARN 51284/L-83213)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00	59.40	32.50	67.60	20.00			202.50	
2013	62943	WELL 2	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	0.00	0.00	
2013	64089	WELL 1 (HARN 548)	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	0.00	0.00	
2013	64090	WELL 3 (HARN 51441/L-94480)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	32.00	26.00	18.00	16.00			110.00	
2013	64091	WELL 4 (HARN 51284/L-83213)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	70.00	31.00	62.00	12.00			197.00	
2009	62943	WELL 2	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	0.00	0.00	
*2009	64089	WELL 1 (HARN 548)	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	0.00	0.00	
2009	64090	WELL 3 (HARN 51441/L-94480)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.18	31.81	7.42	6.32			73.72	
2009	64091	WELL 4 (HARN 51284/L-83213)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	71.55	80.59	30.98	41.36			224.48	

\*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.

\* A report has been submitted ~~for~~ for Wells 1, 3, 4 prior to C-Date 10/1/09.

Well 1 - form submitted, no water use, but willing and able. Supplemental use.



# Water Use Report Based on Water Right



excel  
 text

Permit: G 15801 \*

WILLIAMS II, JOSEPH C. 70785 OLD EXPERIMENT STATION RD BURNS, OR 97720

Records per page: 10

## Acre-feet (AF) of Water Used

<u>Water Year*</u>	<u>Report ID</u>	<u>Facility</u>	<u>Oct</u>	<u>Nov</u>	<u>Dec</u>	<u>Jan</u>	<u>Feb</u>	<u>Mar</u>	<u>Apr</u>	<u>May</u>	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>	<u>Sep</u>	<u>Total Water Used</u>	<u>Irrigated Acres</u>
2014	<u>62943</u>	WELL 2	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	
2014	<u>64089</u>	WELL 1 (HARN 548)	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	
2014	<u>64090</u>	WELL 3 (HARN 51441/L-94480)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.30	36.60	26.70	58.80	48.80	190.20	
2014	<u>64091</u>	WELL 4 (HARN 51284/L-83213)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.00	59.40	32.50	67.60	20.00	202.50	
2013	<u>62943</u>	WELL 2	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	
2013	<u>64089</u>	WELL 1 (HARN 548)	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	
2013	<u>64090</u>	WELL 3 (HARN 51441/L-94480)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.00	32.00	26.00	18.00	16.00	110.00	
2013	<u>64091</u>	WELL 4 (HARN 51284/L-83213)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.00	70.00	31.00	62.00	12.00	197.00	
2009	<u>62943</u>	WELL 2	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	

C date  
 10-1-09  
 needed  
 these 2  
 prior to  
 C date!  
 OK

# 2008

Oregon Water Resources Department  
 October 2008 through September 2009  
 Monthly Water Use Form

USER-ID 30066

# 2009

Facility → Report ID →	(well 1 on transfer T-10767) ✓ 64089 ✓	(well 3 on transfer T-10767) ✓ 64090	(well 4 on transfer T-10767) ✓ 64091	
October - 2008	NOT used	42.007	82.617 AF	340.482
November - 2008				
December - 2008				
January - 2009				
February - 2009				
March - 2009				
April - 2009				
May - 2009			82.617	340.482
June - 2009			110.793	412.027
July - 2009			142.599	492.618
August - 2009			150.017	523.598
September - 2009		42.007	156.334	564.962
TOTAL *	0		73.717	224.48

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FEB 10 2010

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

Describe the method of measurement used: Meter If used for irrigation, total number of acres irrigated: \_\_\_\_\_

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

[Signature]  
 Signature  
Joe Williams  
 Name

Owner  
 Title  
70785 Old Exp Sta., Burns, OR 97720  
 Mailing Address

Reporting Entity  
97720

2-9-10  
 Date  
541-573-1642  
 Phone Number

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





# 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](http://www.wrd.state.or.us)

April 6, 2012

**Mr. Joseph C. Williams**  
**70785 Old Experiment Station Road**  
**Burns, OR 97720**

**Re: APP. G-16132; PERMIT G-15801; Well-ID: HARN 51441**

Dear Joseph:

I have received the pump test you performed at well #3 (HARN 51441) on February 24, 2012.  
The test is approved.

If you have any questions, please contact me at (503) 986-0844.

Sincerely,

Michael J. Zwart  
Hydrogeologist

cc: Water Rights File



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MEMORANDUM

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TO: GROUND WATER SECTION

FROM: CERTIFICATE SECTION - CONNIE VANCE

SUBJECT: PUMP TEST FOR PERMIT G-15801 APPLICATION G-16132

DATE: 3/9/2012

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

S:\groups\wr\certs\Resource Center\pump test memo normal.doc



Oregon Water Resources Department  
**PUMP TEST FORM COVER SHEET**

**Well Owner:**

Name: Joseph C. Williams  
 Address: 70785 Old Experiment Station RD.  
 County: Harney  
 City: Burns State: OR Zip: 97720  
 Original owner (from well log): Joseph C. Williams

**Well Location:**

Township: 23 S Range: 32 E  
 Section: 7  $\frac{1}{4}$  NE  $\frac{1}{16}$  SW  $\frac{1}{64}$  SE  
 Well depth: 270.0 Date drilled: 04-02-2008  
 Owners well no. (if any): 94480  
 POD ID: Well 3

**Water Right Information:**

Application: G 116132 Permit: G 15801 Certificate: \_\_\_\_\_  
 Is this well listed on more than one water right?  Yes If yes, list additional water rights below:  
 Application: \_\_\_\_\_ Permit: \_\_\_\_\_ Certificate: \_\_\_\_\_  
 Application: \_\_\_\_\_ Permit: \_\_\_\_\_ Certificate: \_\_\_\_\_

**Pump Test:**

Test Conducted by: Joseph C. Williams Well Owner?  Yes  
 Company: \_\_\_\_\_  
 Address: 70785 Old Exp. Sta. Date of Test: 02/24/2012  
 City: Burns State: OR Zip: 97720  
 Daytime phone: \_\_\_\_\_

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

Pump type (pick one or enter other method used): Turbine  
 Was the pump test conducted during normal use of the well?  Yes Note: \_\_\_\_\_

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

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

Well elevation is above surface water body.

Description of measuring point (e.g. top port of 1 inch port pipe, west side) Bottom part of 1 1/4 inch port pipe located on west side of well.  
 Measuring point distance above land surface 1.00 feet.

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

Time	Depth to water below meas. point	Depth to water below land surface
<u>7:00 am</u>	<u>11.50</u>	<u>10.50</u>
<u>7:20 am</u>	<u>11.50</u>	<u>10.50</u>
<u>7:40 am</u>	<u>11.50</u>	<u>10.50</u>

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

Time	Discharge Rate	Discharge Units (e.g. gpm, cfs, etc)
<u>8:00 am</u>	<u>620.00</u>	<u>gpm (gallons per minute)</u>
<u>9:00 am</u>	<u>585.00</u>	<u>gpm (gallons per minute)</u>
<u>10:00 am</u>	<u>585.00</u>	<u>gpm (gallons per minute)</u>
<u>11:00 am</u>	<u>585.00</u>	<u>gpm (gallons per minute)</u>
<u>12:00 pm</u>	<u>585.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 02/24/2012 Time 8:00 am  
 Time pump turned off: Date 02/24/2012 Time 12:15 pm  
 Total pumping time: 4 hours 15 minutes

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

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

Required Signature: \_\_\_\_\_



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MAR 16 2012

WATER RESOURCES DEPT  
 SALEM, OREGON







# 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

March 28, 2012

Mr. Joseph C. Williams  
70785 Old Experiment Station Road  
Burns, OR 97720

Re: APPS. U-62, G-16132 & G-17143; PERMITS U-58, G-15801 & G-16564; ;  
Well-IDs: HARN 51441, HARN 51284, HARN 50935 & HARN 51412

Dear Joseph:

Your letter of March 15, 2012, requested a multiple-well exemption from the pump test requirements for wells authorized by the above permits. I can approve the request. The wells are under the same ownership, develop the same water-bearing zones and are within five miles of each other. Please note that wells covered by Permit U-58, currently authorized under Order Approving Transfer T-10272, are not subject to the pump test requirement because the permit predates the pertinent rules. I have no preference as to which well is tested, so you could choose to test any of these existing wells or one of the proposed wells when completed.

If you have any questions, please contact me at (503) 986-0844.

Sincerely,

Michael J. Zwart  
Hydrogeologist

cc: Water Rights Files





# Completion Checklist for CWRE Claims of Beneficial Use

Application # G-16132  
 Permit # G-15801  
 Transfer # T 10767  
 Date 8-12-09  
 Reviewer C.U.



Date Received	<u>8-12-09</u>
CWRE Name	<u>Chris Palmer</u>
Claim Logged	<u>8-28-09</u>
File Marked	<u>8-28-09</u>
Oversized Map #	_____
Read the file and attach a copy of the permit or transfer final order. _____	

## Map Review:

- NO \$
- Map on polyester film (OAR 690-014-0170(1) & 310-0050(1)(b))
  - Application & permit #; or transfer # (OAR 690-014-0100(1))
  - Disclaimer (OAR 690-014-0170(5))
  - North arrow (OAR 690-310-0050(2)(c))
  - CWRE stamp and signature (OAR 690-014 & 310-0050)
  - Appropriate scale (1" = 1320', 1" = 400', or the original full-size scale of the county assessor map) (014 & 310)
  - Township, range, **section**, and tax lot numbers (OAR 690-310-0050(4))
  - \_\_\_\_\_ Source illustrated if surface water (OAR 690-014-0170(3))
  - \_\_\_\_\_ Point(s) of diversion or appropriation (illustrated) (OAR 690-014(4) & 690-310-0050)
  - \_\_\_\_\_ Point(s) of diversion or appropriation (coordinates)(OAR 690-014(4) & 690-310-0050)
  - \_\_\_\_\_ Conveyance structures illustrated (pump, pipelines, ditches, etc.) (OAR 690-310-0050)
  - \_\_\_\_\_ Description of the location, in relation to the point of diversion or appropriation, of any fish screens, by-pass devices, and measuring devices required (OAR 690-014(4))
  - \_\_\_\_\_ Place of use (1/4 1/4, or projected 1/4 1/4 lines within DLCs, or Gov Lots; if irrigation, # of acres in each subdivision; if for domestic or human consumption, location of dwelling or spigot) (OAR 690-310-0050, 690-014, 690-380-6010)

## Report Review:

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

DEF = deficient  
 N/A = Not Applicable



This form is subject to revision. Begin each new claim by checking for a new version of this form and downloading a new one if necessary.

If you have questions regarding the completion of this form, contact:

Gerry Clark by e-mail at [Gerald.E.CLARK@wrд.state.or.us](mailto:Gerald.E.CLARK@wrд.state.or.us) or by phone at 503-986-0811,

Or Jerry Gainey by e-mail at [Jerry.W.GAINEY@wrд.state.or.us](mailto:Jerry.W.GAINEY@wrд.state.or.us) or by phone at 503-986-0812.

The Department has a new program that allows a permit holder to pay the cost to have a private contractor review of the claim and, if appropriate, prepare a certificate. This new program means a certificate can be issued in about a month. The Department has a list of trained contractors that are selected on a rotating basis. For more information on this program see:

[http://www.wrд.state.or.us/OWRD/mgmt\\_reimbursement.shtml](http://www.wrд.state.or.us/OWRD/mgmt_reimbursement.shtml).

\*\*This box can be deleted

**Oregon Water Resources Department**  
**725 Summer St. NE, Suite A**  
**Salem, OR 97301-1266**

## CLAIM OF BENEFICIAL USE

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

Please type or print in dark ink. If this form is found to contain errors or omissions, it may be returned to you. Every numbered item must have a response. If any requested information does not apply to the Claim, insert "n/a." Do not delete any section of this form unless directed by the form. The Department may require the submittal of additional information from any water user or authorized agent. **A separate form shall be completed for each permit or transfer final order.**

### I. General Information

#### 1. File Information

Application Number (G, R, S or T)	Permit Number (if applicable)
T-10767 G-16132	G-15801

WRD staff 8-28-09

#### 2. Property owner (current owner information)

##### a. Individuals

Name	JOSEPH C. WILLIAMS II
Mailing Address	70795 OLD EXPERIMENT STATION ROAD
City/State/Zip	BYRNNG OR 97720
Phone #	541-573-1042
Fax #	
e-mail address	

##### b. Businesses/Organizations

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone	
Fax	
e-mail	

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

3. Permittee / Transferee of record (this may, or may not, be the current property owner)

c. Individuals

	Individual 1	Individual 2
Name		
Mailing Address		
City/State/Zip		

d. Businesses/Organizations

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	

4. Date of Site Inspection: *MAY 2009*

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

Name	Date	Association with the project
<i>JOE WILLIAMS</i>	<i>MAY 2009</i>	<i>OWNER</i>

6. County: *HARNEY*

7. Tax Lot Information:

Tax map number	Tax lot number
<i>T 235 R 32 E</i>	<i>1300</i>

8. If any property described in the place of use of the permit or transfer final order is excluded from this report, identify the owner of record for that property (ORS 537.230(3)):

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

Name	
Contact Person and Title	
Mailing Address	
City/State/Zip	
Phone #	

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Name	<i>AUG 12 2009</i>
Contact Person and Title	
Mailing Address	<i>WATER RESOURCES DEPT</i>
City/State/Zip	<i>SALEM, OREGON</i>
Phone #	



## II. Points of Diversion/Appropriation and Place of Use

For each point of diversion or appropriation, provide the following information. If the claim is for more than one point of diversion/appropriation, copy and complete this section for each point of diversion or appropriation.

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

THREE WELLS - WELL 1, 3 & 4. THE WELLS ARE TIED TOGETHER VIA P.V.C. PIPING - THE WELLS PROVIDE WATER TO TWO CENTER IRRIGATION PIVOTS.

2. Point of diversion/appropriation name or number (correspond to map):

Point of diversion/appropriation name or number (correspond to map)	Well log ID # for all work performed on the well (if applicable)	Well tag # (if applicable)
WELL 1 WELL 3 WELL 4	NO WELL LOG	74480 83213

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

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

Source	Tributary to

4. Point of diversion/appropriation location:

(DLC, Government Lot, 1/4 1/4, Section, Township, Range)	Reference to a recognized public land survey corner by distance and bearing or by coordinates
WELL 1 WELL 3 WELL 4	2720'N, 1200'E - FROM S.W. COR. SEC. 7 2570'S, 3630'E - FROM N.W. COR. SEC. 7 2720'N, 53'E - FROM S.W. COR. SEC. 7

5. Actual use(s), period of use, and rate for each use:

Uses	If irrigation, list crop type	When water is used	Rate for use
IRR -	ALFALFA & GRASS	3/1 THRU 10/31	1/80 CFS/AC.
WELLS 1, 3, 4	HAY		

Total Quantity of Water 2.51 CFS PER T-10767

6. Place of use for the point of diversion or appropriation:

DLC	Gov lot	1/4 1/4	Section	Township	Range	Use	# of primary acres	# of supplemental acres
- SEE ATTACHED SHEET -								
								RECEIVED AUG 12 2009 WATER RESOURCES DEPT SALEM, OREGON

Total Acres Irrigated \_\_\_\_\_

**Groundwater Source Information (Well and Sump)**

\*\*If the appropriation is not from ground water (well or sump), this section, items 1-5, can be deleted.

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

WELL 1 - 3/4" HOLE IN TOP PLATE, WELL 3 - 1/4" PIPE, WELL 4 - 1/2" PIPE

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

Casing Diameter	Casing Depth	Total Depth	Completion Date of Original Well	Completion Dates of Alterations	Who the well was drilled for	Well drilled by
WELL 1 12"	230'	235'	—————	NOT KNOWN	—————	—————

SEE ATTACHED WELL LOGS FOR WELLS 3 & 4

In addition to the information requested in item "2" above, provide any other information which may help the Department locate any well logs associated with this appropriation.

\_\_\_\_\_

\*\*If the appropriation is not from a sump, the following section, items 3-4, can be deleted. Construction standards for sumps can be found in OAR 690-210-0400.

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

Length	Width	Average diameter	Maximum depth	Surface area (in acres)	Volume in cubic feet or acre feet

4. If the sump is curbed constructed with watertight surface curbing, describe the curbing in the table below:

Curbing material (concrete, concrete tiles, or steel)	If concrete, provide the thickness of the wall

5. Provide sump volume calculations in the box below:

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SALEM, OREGON

**Reservoir Data**

\*\*If this claim is not for a reservoir, or the system does not involve a reservoir as part of the distribution system, this section, items 1-7, can be deleted.

1. If the reservoir required the submittal of as-built plans and specifications, complete the table below:

Have the documents been submitted? yes or no	When were the documents submitted	Have they been approved by the Department?

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

Maximum depth	Average depth	Surface area (in acres)	Volume in acre feet

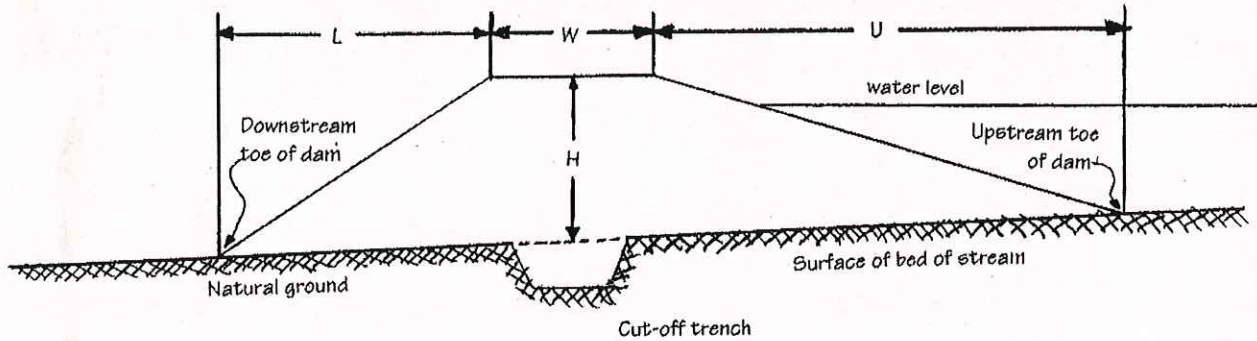


3. Provide reservoir volume calculations in the box below:

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

Crest width (W)	Dam height at centerline (H)	Distance from downstream top of dam to downstream toe (L)	Distance from upstream top of dam to upstream toe (U)	Water level at inspection	Downstream slope	Upstream slope

Example Dam Profile **\*\*This box can be deleted from the form**



5. In the box below, provide a drawing showing the cross section of the dam at the maximum section indicating details and dimensions. The drawing should be drawn at a standard even scale.

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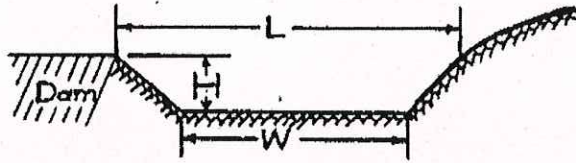
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6. Describe the outlet works (size and type of the outlet conduit and location) in the box below:

7. Describe the emergency spillway (dimensions and location) in the box below:

Spillway location	Bottom width (W)	Top width (L)	Spillway depth (H)

Spillway cross section at the spillway crest



**Storage tank data**

\*\*If this system does not include a storage tank as part of the distribution system, this section, item 1, can be deleted.

1. If the system involved a storage tank, complete the table below:

Material (concrete, fiberglass, metal, etc.)	Capacity in gallons	Above ground or buried

**Gravity flow pipe** (The Department typically uses the Hazen-William's formula for a gravity flow pipe system)

\*\*If this claim does not rely on a gravity flow pipe to convey the water as part of the distribution system, this section, items 1-3, can be deleted.

1. If the system involves a gravity flow pipe, complete the table below.

Pipe size	Pipe type	"C" factor	Amount of fall	Length of pipe	Slope	Computed rate of water flow

2. Provide calculations in the box below:

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

Date of Measurement	Who made the measurement	Measurement method	Measured quantity of water

Attach measurements notes

**Gravity flow canal or ditch** (The Department typically uses Manning's formula for canals and ditches)

\*\*If this claim does not rely on a gravity flow canal or ditch to convey the water as part of the distribution system, this section, items 1-3, can be deleted.

1. If the system involves a gravity canal or ditch, complete the table below.

Canal or ditch type (material)	Top width of canal or ditch	Bottom width of canal or ditch	Depth	"N" factor	Amount of fall	Length of canal/ditch	Slope	Computed volume

2. Provide calculations in the box below:

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

Date of Measurement	Who made the measurement	Measurement method	Measured quantity of water

Attach measurements notes

**System Information:** *SEE ATTACHED SHEETS FOR WELLS 1, 3, & 4*

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage

3. Meter information (if required in permit or transfer final order)

Make	Serial #	Condition (working or not)	Current meter reading	Notes

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4. Measurement device description

Device description	Condition (working or not)	Notes

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5. Measured pump capacity (using meter if meter was present and system was operating)

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output

6. Theoretical pump capacity

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output



7. Provide pump calculations in the box below:

*SEE ATTACHED SHEETS FOR WELLS 1, 3, & A.*

\*\*This box can be deleted from the form

$$Q_{\text{pump}} = \frac{(\text{Hp})(550 \text{ ft lb/sec/Hp})(\text{efficiency})}{(62.4 \text{ lb/cu ft})(\text{lift} + \text{press}) \text{ in feet}} = \frac{(\text{efficiency})(\text{Hp})}{\text{total head in feet}} = \text{cfs}$$

or

$$Q_{\text{pump}} = \frac{(\text{Hp})(\text{conversion factor})}{(\text{lift} + \text{pressure}) \text{ total head in feet}} = \text{cfs}$$

Conversion factors:

Centrifugal Pump, 75% eff.  $\frac{(550 \text{ ft lb/sec/Hp})(.75)}{(62.4 \text{ lb/cu ft})} = 6.61 \text{ ft}^4/\text{sec/Hp}$

Turbine & Submersible Pumps, 80% eff.  $\frac{(550 \text{ ft lb/sec/Hp})(.80)}{(62.4 \text{ lb/cu ft})} = 7.04 \text{ ft}^4/\text{sec/Hp}$

*Efficiencies have been assumed to be 75% for centrifugal pump installations and 80% for turbine or submersible pumps. See the list below of converted psi's to feet of head. These figures account for minor friction losses. If the system involves unusually long pipelines friction losses should be accounted for by using standard charts and formulas.*

Refer to the conversion table below to compute PSI to head for pump pressure in feet.

$$[(\text{psi}/.433)(1.1)] = \text{head (in feet/psi)} = 2.54 \text{ feet head/psi}$$

PSI	HEAD	PSI	HEAD
25	63.5	55	139.7
30	76.2	60	152.4
35	88.9	65	165.1
40	101.6	70	177.8
45	114.3	75	190.5
50	127.0	80	203.2

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8. Mainline information

Mainline size	Length	Type of pipe	Buried or above ground
8"	6200'	P.V.C.	BURIED

9. Lateral or handline information

Lateral or handline size	Length	Type of pipe	Buried or above ground

10. Sprinkler information Make and model: *6PM*

*WEST PIVOT  
EAST PIVOT*

Make	Model	Size	Operating psi	Sprinkler output	Maximum number used	Total sprinkler output
<i>SENNINGER</i>	<i>1-WOB</i>		<i>35</i>	<i>1.00 TO 12.50</i>		
<i>SENNINGER</i>	<i>1-WOB</i>		<i>35</i>	<i>1.00 TO 12.30</i>		

Refer to the chart of sprinkler output at various pressures for most nozzle sizes attached to this document.

$$Q_{\text{sprinklers}} = \frac{(\text{max \# heads})(\text{gpm/head})}{448.8 \text{ gpm/cfs}} = \text{cfs}$$

11. Additional notes or comments related to the system:

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*WEST PIVOT Q = (1.00 + 12.50) / 2 \* 133 = 898 GPM*  
*EAST PIVOT Q = (1.00 + 12.30) / 2 \* 128 = 851 GPM*  
*TOTAL = 1749 GPM*

*WELL OUTPUT*  
*WELL 1 - 175 GPM*  
*WELL 3 - 691 GPM*  
*WELL 4 - 865 GPM*

*⇒ TOTAL WELL OUTPUT = 1731 GPM*

III. CONDITIONS

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

1. Time Limits:

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

	Dates from permit or transfer final order	Date accomplished	Description of actions taken by water user to comply with the time limits
Begin construction	<i>MAY 2009</i>	<i>2006</i>	<i>SUMMER</i>
Complete construction	<i>MAY 2010</i>	<i>2008</i>	<i>SUMMER</i>
Complete application of water	<i>MAY 2010</i>	<i>2008</i>	<i>SUMMER</i>



**2. Initial Water Level Measurements:**

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

- a. Was the water user required to submit an initial static water level measurement? YES  NO NA
- b. What month was the initial measurement to be taken in?
- c. Did an authorized individual (as stated in the permit or transfer final order) make the initial static water level measurement in the month required?  
YES  NO
- d. If "YES", was the measurement submitted to the Department? YES NO
- e. If the initial measurement not been submitted, provide that measurement now if available:

Date of measurement	Who made measurement	Method	Measurement

**3. Annual Static Water Level Measurements:**

\*\*If the Claim is for surface water or a reservoir, or if the water user was not required to submit static water level measurements, items b through e relating to this section can be deleted.

- a. Was the water user required to submit annual static water level measurements? YES  NO NA
- b. In the box below, provide the month in which the static water level was to be made:
- c. Were the static water level measurements taken in the month required? YES NO
- d. If "YES", were those measurements submitted to the Department? YES NO
- e. If the annual measurements were not submitted, provide the measurements now in the box below:

Year	Month	Measurement made by	Measurement

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**4. Measurement, recording, and reporting conditions:**

- a. Does the permit or transfer final order require the installation of a meter or approved measuring device?  
YES NO

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

\*\*If "NO", items b through g relating to this section can be deleted.

- b. Has a meter been installed?  YES NO *WELLS 1, 3, & 4*



c. Provide the date the meter was installed:

MARCH 30, 2000

d. If a meter has not been installed, has a suitable measuring device been installed and approved by the Department? YES NO

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

Name	Title	Approximate date

f. Is the water user required to report the water use to the Department? YES NO

g. Have the reports been submitted? YES NO

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

5. Fish Screening and/or By-pass Devices

a. Are any points of diversion required to be screened and/or have a by-pass device to prevent fish from entering the point of diversion? YES NO NA

If fish screening and/or by-pass devices were required, the COBU map must indicate their location in relation to the point of diversion.

\*\*If "NO", items b through i relating to this section can be deleted

b. Has the fish screening been installed? YES NO

c. When was the fish screening installed?

Date	By whom

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d. Is the total diversion rate of all rights at the point of diversion less than 0.5 cfs? YES NO

e. If the total diversion rate is less than 0.5 cfs, has the water user self certified the fish screen. YES NO

f. Has a self certification form been previously submitted to the Department? YES NO

g. If not, is the self certification form attached to this Claim? YES NO

h. If the total diversion rate is greater than 0.5 cfs, has ODFW approved the screening? YES NO

i. Has the water user previously submitted a letter from ODFW approving the screening? YES NO

j. If not, is the approval letter attached to the Claim? YES NO

k. Has the by-pass device been installed? YES NO

1. Describe the by-pass device:

When installed	By whom	Approved by ODFW	Description

6. **Pump Test** (Required for ground permits prior to issuance of a certificate, but not a requirement of permit development)

- a. Did the permit require the submittal of a pump test? YES NO NA
- b. Has the pump test been previously submitted to the Department? YES NO
- c. Has the pump test been approved by the Department? YES NO
- d. If no, is the pump test attached to this Claim? YES NO

7. **Other Permit Conditions** (examples: special well construct standards, water conservation plans, no obstructions to fish without a fishway, etc.; number as appropriate.)

**IV. Variations, Attachments, Conclusions, Map and Signatures**

**Variations**

Include a description of variations from the permit or transfer final order

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**Attachments**

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

Attachment name	Description
WELL 1, 3 & 4	SYSTEM INFORMATION FOR EACH WELL
PLACE OF USE	TOTAL SUPPLEMENTAL ACRES = 200.42
WELL 3 & 4	WELL LOGS

**Permit and Transfer Final Order Rates and System Rates Comparisons:**

POD or POA name or #	Maximum rate allowed by permit or transfer final order	Calculated theoretical rate of water based on system	Actual amount of water measured (if measured)	Developed use	# of acres allowed by permit or transfer final order	# of acres developed
WELLS 1, 3, & 4	2.51 CFS	3.86 CFS	—	IKRI	200.42	200.42

**Claim of Beneficial Use Map**

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

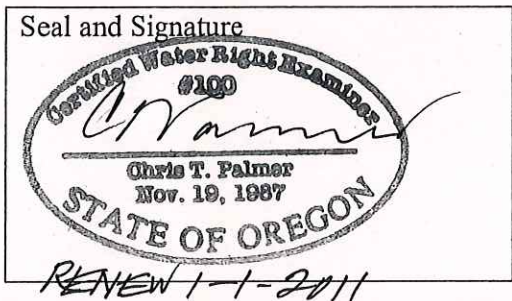


In the following box, provide a general description of the survey method used to prepare the map. Examples of possible methods include, but are not limited to, a traverse survey, GPS, or the use of aerial photos. If the basis of the survey is an aerial photo, provide the source, date, series and the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

NIKON TOTAL STATION WITH RELATED EQUIPMENT.  
THE CENTRAL POINT WAS THE S.E. COR. OF SECTION  
7, T23S, R32E, WM.


CWRE Statement, Seal and Signature

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



Permit or Transfer Holders Signature or Acknowledgement

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

Signature  Print or type name Joseph C. Williams Date 8-10-2009

Signature \_\_\_\_\_ Print or type name \_\_\_\_\_ Date \_\_\_\_\_

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# SPRINKLER CAPACITIES BY NOZZLE SIZE IN GALLONS PER MINUTE

This chart is comprised of information gathered from a number of sources and may differ slightly from the manufacturer's specifications.

("\*" designates computed capacity)

\*\*This page can be deleted

		P.S.I.																	
		5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90
<b>NOZZLE SIZE</b>	<b>3/32</b>				1.1	1.3	1.4	1.5	1.6	1.7	1.8								
	<b>7/64</b>				1.5	1.7	1.9	2	2.2										
	<b>1/8</b>				1.9	2.2	2.4	2.7	2.9	3	3.2								
	<b>9/64</b>				2.3	2.6	2.9	3.1	3.4	3.7	4								
	<b>5/32</b>				3	3.4	3.8	4.1	4.4	4.7	5								
	<b>11/64</b>	1.9	2.7	3.3	3.7	4.2	4.6	5	5.4	5.7	6	6.3	6.6						
	<b>3/16</b>	2.2	3.2	3.9	4.3	5	5.5	6	6.4	6.8	7.2	7.5	7.8						
	<b>13/64</b>	2.9	3.6	4.5	5.1	5.9	6.5	7.1	7.6	8.1	8.5	8.9	9.2						
	<b>7/32</b>		4.1	5.1	5.8	6.8	7.6	8.3	8.9	9.4	9.9	10.3	10.6						
	<b>15/64</b>							8.8		10		11.2		12.4					
	<b>1/4</b>		5.2	6.4	7.4	8.9	9.8	10.6	11.4	12.1	12.8	13.4	13.9	14.8*	15.3*	15.9*	16.4*	16.9*	17.4*
	<b>17/64</b>								12.5		14		15.6		17.1				
	<b>9/32</b>					11.2	12.3	13.3	14.3	15.2	16	16.8	17.5	18.1	18.9	19.7	20.7*	21.4*	22*
	<b>19/64</b>									16.6		18.3		19.9		21.4			
	<b>5/16</b>					13.1	15.2	16.5	17.7	18.9	20	21	22	23	23.9	24.8	25.7	26.4*	27.1*
	<b>21/64</b>										20.8		22.7		24.6		26.4		
	<b>11/32</b>					16.5	18	19.7	21.1	22.5	23.8	25	26.2	27.4	28.5	29.6	30.6	31.9*	32.8*
	<b>23/64</b>										24.5		26.8		29.1		31.4		
<b>3/8</b>					19	21	22.8	24.4	26	27.5	29.1	30.6	32	33.2	34.5	35.7	38*	39*	
<b>13/32</b>									29*	30.9*	32.7*	34.5*	36.2*	37.4*	38.9*	40.4*	41.9*	43.3*	44.7*
<b>7/16</b>									33.5*	35.6*	37.7*	39.7*	41.7*	43.6*	45.3*	46.9*	48.4*	50.1*	51.6*
<b>1/2</b>									42.5*	45.2*	47.7*	50.2*	52.5*	54.7*	56.8*	58.6*	60.6*	63.6*	66.7*

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**System Information:**

**Well No** /

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

**1. Pump information**

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
BERKLEY	MDL	15-225	SUBMERSIBLE	4"	4"

**2. Motor information**

Brand	Model	Horsepower	Max RPM	Voltage
FRANKLIN	MDL-2366138120		3606	480

**3. Meter information (if required in permit or transfer final order)**

Make	Serial #	Condition (working or not)	Current meter reading	Notes
AQUAMETER	30125	WORKING	251730 GAL	

**4. Measurement device description - SEE ITEM 3**

Device description	Condition (working or not)	Notes

**5. Measured pump capacity (using meter if meter was present and system was operating)**

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output
NOT IN OPERATION			

**6. Theoretical pump capacity**

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
15	35 PSI	0	185 FT.	175 GPM

**7. Provide pump calculations in the box below:**

$$Q = \frac{(HP)(7.04)}{LIFT + PRESSURE}$$

HP = 15, LIFT = 185 FT, PRESSURE = 35 PSI

$$Q = \frac{(15)(7.04)}{185 + 88.9} = \frac{(15)(7.04)}{273.9} = 0.39 \text{ CFS} = 175 \text{ GPM}$$

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**System Information:**

**Well No. 3**

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

**1. Pump information**

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
KOHLOS	9THC	L010309-01X	TURBINE	6"	6"

**2. Motor information**

Brand	Model	Horsepower	Max RPM	Voltage
US	BF56-A	60	1770	480

**3. Meter information (if required in permit or transfer final order)**

Make	Serial #	Condition (working or not)	Current meter reading	Notes
MCCROMETER	08-03392	WORKING	104.826 AC-FT	

**4. Measurement device description** *SEE ITEM 3*

Device description	Condition (working or not)	Notes

**5. Measured pump capacity (using meter if meter was present and system was operating)**

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output

**6. Theoretical pump capacity**

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
60	35 PSI	185	0	691 GPM

**7. Provide pump calculations in the box below:**

$$Q = \frac{(HP)(7.04)}{\text{LIFT} + \text{PRESSURE}}$$

*HP = 60, LIFT = 185 FT, PRESSURE = 35 PSI*

$$Q = \frac{(60)(7.04)}{185 + 35.9} = \frac{(60)(7.04)}{220.9} = 1.54 \text{ CFS} = 691 \text{ GPM}$$

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**System Information:**

**Well No 4**

Provide the following information concerning the diversion and delivery system. Trace the flow of water from the point of diversion/appropriation to the place of use.

**1. Pump information**

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
NATIONAL	M10HC	LD10207009	TURBINE	6"	6"

**2. Motor information**

Brand	Model	Horsepower	Max RPM	Voltage
US	405LL	75	1800	480

**3. Meter information (if required in permit or transfer final order)**

Make	Serial #	Condition (working or not)	Current meter reading	Notes
MCCROMETER	0607873	WORKING	394.83 AC-FT	

**4. Measurement device description** *SEE ITEM 4*

Device description	Condition (working or not)	Notes

**5. Measured pump capacity (using meter if meter was present and system was operating)**

Initial meter reading	Ending meter reading	Duration of time observed	Total pump output

**6. Theoretical pump capacity**

Horsepower	Operating psi	Lift from source to pump *If a well, the water level during pumping (see pump test results)	Lift from pump to place of use	Total pump output
75	35	185 FT	0	865 GPM

**7. Provide pump calculations in the box below:**

$$Q = \frac{(HP)(7.04)}{LIFT + PRESSURE} \quad HP = 75, LIFT = 185 FT, PRESSURE = 35 PSI$$

$$Q = \frac{(75)(7.04)}{185 + 35.9} = \frac{(75)(7.04)}{220.9} = 1.93 CFS = 865 GPM$$

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T-10767 - FINAL PROOF  
 CLAIM OF BENEFICIAL  
 USE

ITEM II. 6

PLACE OF USE

<u>1/4 1/4</u>	<u>SECTION</u>	<u>TOWNSHIP</u>	<u>RANGE</u>	<u>USE</u>	<u># SUPP. ACRES</u>
NENE	7	235	32E	IRR	26.80
NWNE	"	"	"	"	26.70
SWNE	"	"	"	"	23.92
SENE	"	"	"	"	22.60
NENW	"	"	"	"	33.30
NWNW	"	"	"	"	21.00
SWNE	"	"	"	"	17.20
SENW	"	"	"	"	<u>28.90</u>

TOTAL ACRES IRRIGATED = 200.42

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WELL LABEL # L 94480

START CARD # 1002830

**(1) LAND OWNER** Owner Well I.D. \_\_\_\_\_  
 First Name JOE Last Name WILLIAMS  
 Company \_\_\_\_\_  
 Address 70785 OLD EXPERIMENT STATION RD  
 City BURNS State OR Zip 97720

**(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  
 Thermal  Injection  Other \_\_\_\_\_

**(5) BORE HOLE CONSTRUCTION** Special Standard  Attach copy \_\_\_\_\_  
 Depth of Completed Well 160.00 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
28	0	30	Cement	0	30	46.057	P
24	30	212					

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
 Filter pack from 0 ft. to 160 ft. Material gravel Size 3/8  
 Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

**(6) CASING/LINER**

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24	<input checked="" type="checkbox"/>	1	50	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	12	<input checked="" type="checkbox"/>	2	160	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	10	<input type="checkbox"/>	75	160	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Shoe  Inside  Outside  Other \_\_\_\_\_ Location of shoe(s) \_\_\_\_\_  
 Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

**(7) PERFORATIONS/SCREENS**

Perforations Method \_\_\_\_\_  
 Screens Type roscoe moss Material stainless steel

Perf/S	Casing/Screen	Liner	Dia	From	To	Scrm/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner		12	52	152	.1		1	
Screen	Liner		10	95	155	.1		1	

**(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	4		1

Temperature 56 °F Lab analysis  Yes By \_\_\_\_\_  
 Water quality concerns?  Yes (describe below)  

From	To	Description	Amount	Units

**(9) LOCATION OF WELL (legal description)**  
 County Harney Twp 23.00 S N/S Range 37.00 E E/W WM  
 Sec 7 SW 1/4 of the NW 1/4 Tax Lot 1300  
 Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
 Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD  
 Street address of well  Nearest address  
70785 OLD EXPERIMENT STATION RD

**(10) STATIC WATER LEVEL**

Existing Well / Predeepening	Date	SWL (psi)	+ SWL (ft)
Completed Well	<u>04-02-2008</u>		<u>14</u>

Flowing Artesian?  Dry Hole?

WATER BEARING ZONES Depth water was first found 14

SWL Date	From	To	Est Flow	SWL (psi)	+ SWL (ft)
<u>04-02-2008</u>	<u>14</u>	<u>160</u>	<u>200</u>		<u>14</u>

**(11) WELL LOG** Ground Elevation \_\_\_\_\_

Material	From	To
topsoil silty loom	0	3
clay tan	3	5
clay yellow	5	12
sand fine blk	12	18
silty sand	18	24
clay grey	24	57
gravel, sand	57	60
clay brn	60	70
sandstone/sand hard	70	87
clay grey sand fine	87	125
clay green	125	150
sand blk	150	200
sandstone	200	208
pumice sand	208	212

**RECEIVED**  
**AUG 12 2009**  
**WATER RESOURCES DEPT**  
**SALEM, OREGON**

Date Started 01-03-2008 Completed 04-02-2008

**(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 \_\_\_\_\_  
 Electronically Filed  
 Signed \_\_\_\_\_

**(bonded) Water Well Constructor Certification**  
 I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 1424 Date 04-08-2008  
 Electronically Filed  
 Signed TIMOTHY K RILEY (E-filed)  
 Contact Info (optional) \_\_\_\_\_



well 4

06-29-2006

WELL LABEL # L 83213

START CARD # 185143

(1) LAND OWNER Owner Well I.D.

First Name JOE Last Name WILLIAMS  
Company \_\_\_\_\_  
Address 70785 OLD EXPERIMENT STATION  
City BURNS State OR Zip 97720

(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  
 Thermal  Injection  Other

(5) BORE HOLE CONSTRUCTION Special Standard  (Attach copy)

Depth of Completed Well 270.00 ft.

BORE HOLE			SEAL			Amt	sacks/ lbs
Dia	From	To	Material	From	To		
29	0	20	Cement	0	20	18,000	P
24	20	173					
12	173	270					

How was seal placed: Method  A  B  C  D  E

Other

Backfill placed from 173 ft. to 0 ft. Material 3/8 pea gravel

Filter pack from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_ Size \_\_\_\_\_

Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(6) CASING/LINER

Casing	Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	24		1	57	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12		1.5	179	.250	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_

Temp casing  Yes Dia \_\_\_\_\_ From \_\_\_\_\_ To \_\_\_\_\_

7) PERFORATIONS/SCREENS

Perforations Method \_\_\_\_\_

Screens Type wire wrap Material stainless steel

Screen	Casing/Screen	Liner	Dia	From	To	Scr/slot width	Slot length	# of slots	Tele/pipe size
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	12	69	169	.1			

(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	2		

Temperature 58 °F Lab analysis  Yes By \_\_\_\_\_

Water quality concerns?  Yes (describe below)

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)

County Harney Twp 23.00 S N/S Range 32.00 E E/W WM

Sec 7 SW 1/4 of the NW 1/4 Tax Lot 1300

Tax Map Number \_\_\_\_\_

Lot \_\_\_\_\_

Lat \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD

Long \_\_\_\_\_ " or \_\_\_\_\_ DMS or DD

Street address of well  Nearest address

OLD EXPERIMENT RD

(10) STATIC WATER LEVEL

Date \_\_\_\_\_ SWL(psi) + SWL(ft)

Existing Well / Predeepening	Date	SWL(psi)	SWL(ft)
Completed Well	06-27-2006		13

Flowing Artesian?  Dry Hole?

WATER BEARING ZONES

Depth water was first found 22

SWL Date	From	To	Est Flow	SWL(psi)	SWL(ft)
06-27-2006	22	257	1,000		13

(11) WELL LOG

Ground Elevation \_\_\_\_\_

Material	From	To
topsoil silty loom	0	2
clay blk	2	7
sand coarse	7	15
clay grey	15	40
gravel sand clay	40	52
clay brn	52	65
clay grey	65	75
sand blk	75	85
clay grey	85	102
sand blk	102	115
clay grey	115	130
clay green	130	135
sand blk	135	172
pumice grey hard	172	240
clay pumice gravel	240	245
pumice grey soft	245	257
clay green	257	270

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AUG 12 2009

WATER RESOURCES DEPT  
SALEM, OREGON

Date Started 06-05-2006

Completed 06-27-2006

(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 \_\_\_\_\_

Electronically Filed

Signed \_\_\_\_\_

(bonded) Water Well Constructor Certification

I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. 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 1424 Date 06-29-2006

Electronically Filed

Signed TIMOTHY K RILEY (E-filed)

Contact Info (optional) \_\_\_\_\_





8. The changes do not enlarge the permit.
9. The changes do not alter any other terms of the permit.
10. The proposed place of use is contiguous to the authorized place of use.

**Conclusions of Law**

The additional points of appropriation and change in place of use proposed by Permit Amendment Application T-10767 are consistent with the requirements of ORS 537.211.

**Now, therefore, it is ORDERED:**


The changes and subsequent use of water shall be subject to the following conditions:

1. The combined quantity of water diverted at the new points 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.
2. Prior to water use from the proposed point of appropriation, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order, and 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.

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.

3. Water shall be acquired from the same aquifer as the original point of appropriation.
4. The former places of use not included in the proposed place of use shall no longer be irrigated as part of this permit.
5. All other terms and conditions of Permit G-15801 remain the same.
6. Permit G-15801, in the name of Joseph C. Williams II, is amended as described herein.

Dated at Salem, Oregon this 4<sup>th</sup> day of May, 2009.

  
Phillip C. Ward, Director *Per*

Mailing Date: MAY 13 2009



STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS-HEREBY ISSUED TO

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

(541)573-1642

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

APPLICATION FILE NUMBER: G-16132

SOURCE OF WATER: WELL 2 IN RATTLESNAKE CREEK BASIN

PURPOSE OR USE: SUPPLEMENTAL IRRIGATION USE ON 200.42 ACRES

MAXIMUM RATE: 2.51 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 17, 2003

WELL LOCATION: SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SECTION 7, T23S, R32E, W.M.; 2724 FEET NORTH  
& 3643 FEET EAST FROM SW CORNER, SECTION 7

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:

NW $\frac{1}{4}$ NE $\frac{1}{4}$	31.70 ACRES
SW $\frac{1}{4}$ NE $\frac{1}{4}$	31.20 ACRES
NE $\frac{1}{4}$ NW $\frac{1}{4}$	38.90 ACRES
LOT 1 (NW $\frac{1}{4}$ NW $\frac{1}{4}$ )	29.72 ACRES
LOT 2 (SW $\frac{1}{4}$ NW $\frac{1}{4}$ )	30.50 ACRES
SE $\frac{1}{4}$ NW $\frac{1}{4}$	38.40 ACRES

SECTION 7

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

Measurement, recording and reporting conditions:

- A. Before water use may begin under this permit, the water user shall install a meter or other suitable measuring device as approved by the Director. The water user shall maintain the meter or measuring device in good working order, shall keep

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

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

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

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

Complete application of the water to the use shall be made on or before October 1, 2009. If the water is not completely applied before this date, and the water user wishes to continue development under the permit, the water user must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued December 16, 2004

  
Phillip C. Ward, Director  
Water Resources Department

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the water user named hereon, if the land the permit is associated with changes ownership, or if the water user is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

Application G-16132  
Basin 12  
gaineyjw

Water Resources Department  
Volume 2 RATTLESNAKE CR

PERMIT G-15801  
10

# Mailing List for Permit Copies

Application # G-16132

Mailing List Print Date: December 3, 2004

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

Applicant: JOSEPH WILLIAMS II , 70785 OLD EXPERIMENT STATION, BURNS OR 97720

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

1. WRD - File # G-16132 ✓
2. WRD - Ken Stahr ✓
3. WRD - Watermaster District #: 10 ✓
4. WRD - Regional Manager: ER ✓

Copies Mailed
By: <u>JD</u> (SUPPORT STAFF)
on: <u>12-16-04</u>

For FO w/Draft Permit, w/Permit, or for Denial - Copies to Other Interested Persons (*CWRE, Agent, Well Driller, Commenter, etc.*)

1. \_\_\_\_\_

For FO w/Draft Permit or w/Permit - "\$10 LETTER" sent to Interested Persons who have not protested or paid for copies

1. \_\_\_\_\_

CASEWORKER: gaineyjw



STATE OF OREGON

COUNTY OF HARNEY

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

(541)573-1642

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

APPLICATION FILE NUMBER: G-16132

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PURPOSE OR USE: SUPPLEMENTAL IRRIGATION USE ON 200.42 ACRES

MAXIMUM RATE: 2.51 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 17, 2003

WELL LOCATION: SW  $\frac{1}{4}$  NE  $\frac{1}{4}$ , SECTION 7, T23S, R32E, W.M.; 2724 FEET NORTH  
& 3643 FEET EAST FROM SW CORNER, SECTION 7

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.

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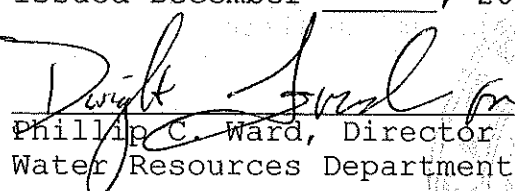
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Within one year after complete application of water to the proposed use, the water user shall submit a claim of beneficial use, which includes a map and report, prepared by a Certified Water Rights Examiner (CWRE).

Issued December 16, 2004

  
Phillip C. Ward, Director  
Water Resources Department

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the water user named hereon, if the land the permit is associated with changes ownership, or if the water user is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

Application G-16132  
Basin 12  
gaineyjw

Water Resources Department  
Volume 2 RATTLESNAKE CR

PERMIT G-15801  
10

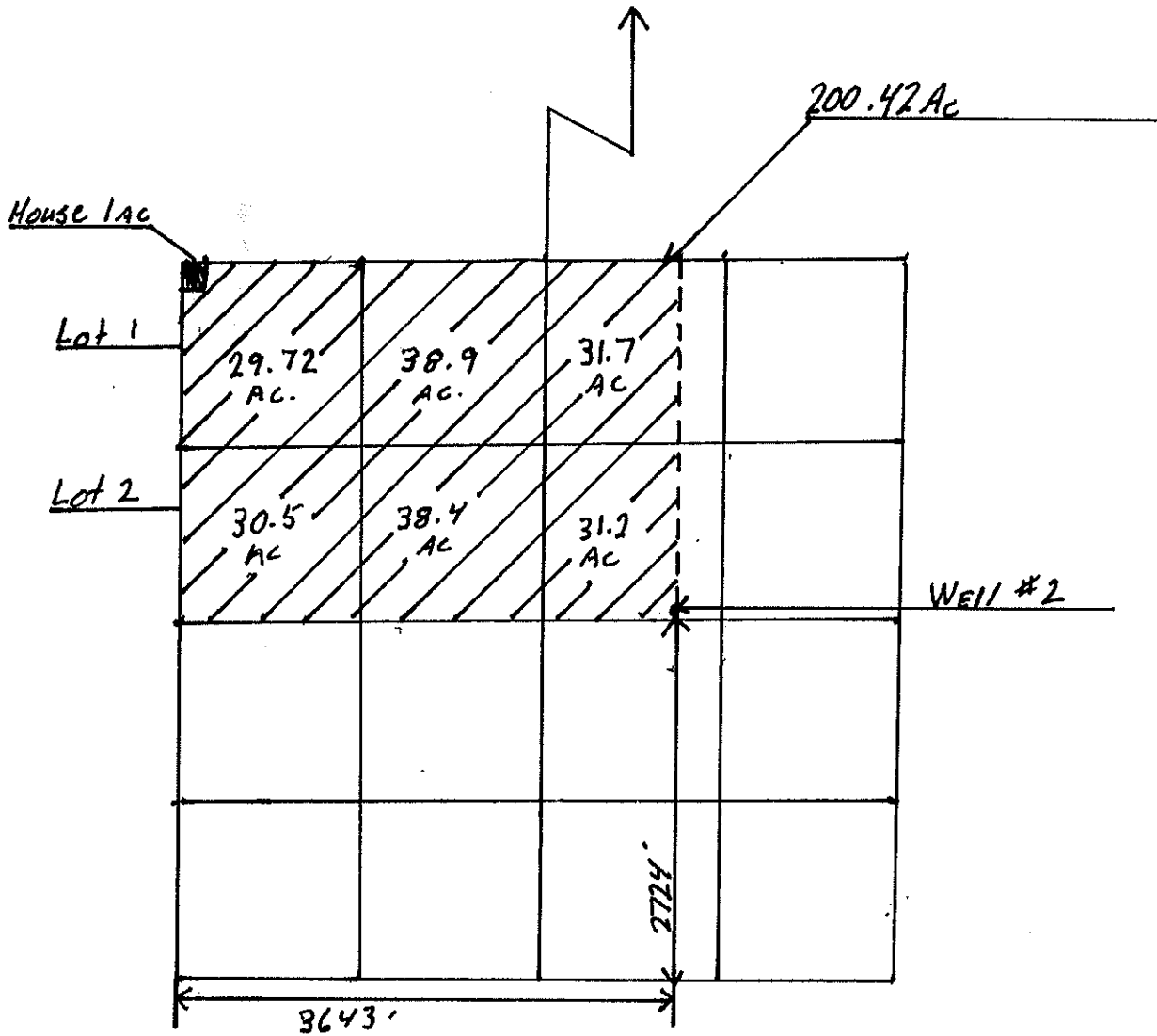
WILLIAMS JOSEPH C

T 23S R 32E SECTION 7

TAX LOT 1300

SCALE 4" = 1 MILE

1/8" = 165'



PROPERTY OWNER: JOSEPH C. WILLIAMS  
 COUNTY: HAYMEY  
 MALHEUR LAKE BASIN  
 TOTAL ACRAGE: 200.42

RECEIVED

NOV 17 2003

WATER RESOURCES DEPT  
SALEM, OREGON

G 16132  
 G 15801



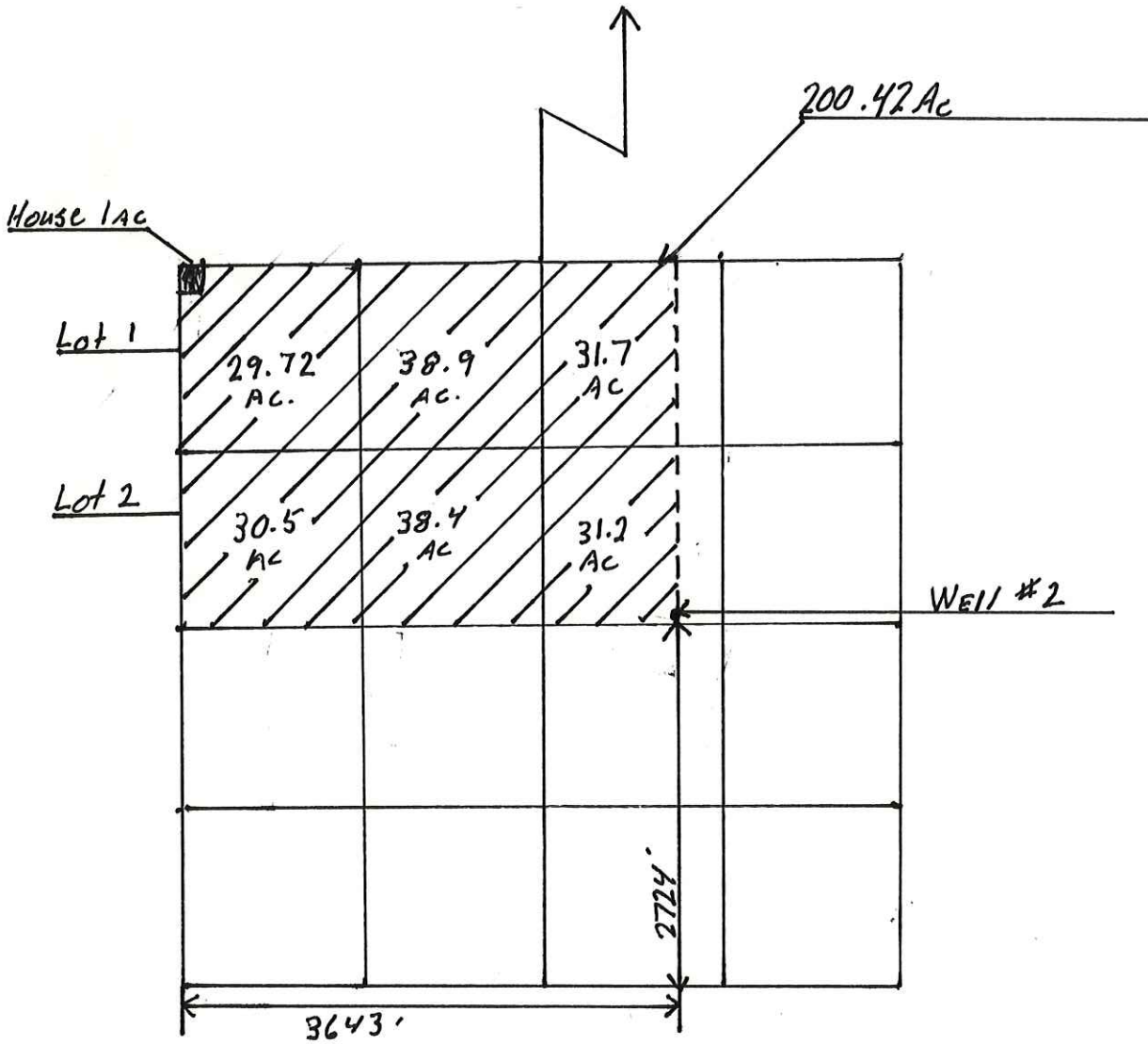
Williams JOSEPH C II

T 235 R 32 E SECTION 7

TAX Lot 1300

SCALE 4" = 1 MILE

1/8" = 165'



PROPERTY OWNER: JOSEPH C. WILLIAMS

COUNTY: HARNEY

MALHEUR LAKE BASIN

TOTAL ACREAGE: 200.42

RECEIVED

NOV 17 2003

WATER RESOURCES DEPT  
SALEM, OREGON

Application No. G16132

Permit No. G15801

Oregon Water Resources Department  
Water Rights Division

Water Rights Application  
Number G-16132

**Final Order**

*Application History*

On November 17, 2003, Joseph Williams II submitted an application to the Department for a water use permit. The Department issued a Proposed Final Order on August 31, 2004. The protest period closed October 15, 2004, and no protest was filed.

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


**Order**

Upon payment of outstanding permit recording fees, Application G-16132 shall be approved as proposed by the Proposed Final Order and as provided on the attached draft permit.

Permit recording fees are required in the amount of **\$250.00**. Said fees are due and payable no later than 60 days from the date of this Final Order. Failure to pay the required permit recording fees within 60 days from the date of this Final Order may result in the proposed rejection of Application G-16132.

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

DATED November 3, 2004

  
Phillip C. Ward, Acting Director

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

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

STATE OF OREGON

COUNTY OF HARNEY

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

(541)573-1642

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

APPLICATION FILE NUMBER: G-16132

SOURCE OF WATER: WELL 2 IN RATTLESNAKE CREEK BASIN

PURPOSE OR USE: SUPPLEMENTAL IRRIGATION USE ON 200.42 ACRES

MAXIMUM RATE: 2.51 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 17, 2003

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SW $\frac{1}{4}$ NE $\frac{1}{4}$	31.20 ACRES
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SECTION 7

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

Measurement, recording and reporting conditions:

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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.

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

Issued \_\_\_\_\_, 2004

**DRAFT - THIS IS NOT A PERMIT**

Phillip C. Ward, Acting Director  
Water Resources Department

**ASSIGNMENT OF PERMIT:** Pursuant to ORS 537.220, this permit may be assigned to a party other than the permittee named hereon, if the land the permit is associated with changes ownership, or if the permittee is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

**MAILING ADDRESS CHANGES:** If the mailing address of the permittee named hereon changes, it is important that the Oregon Water Resources Department be informed of the change. Address changes must be submitted in writing with the permittee's signature to Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

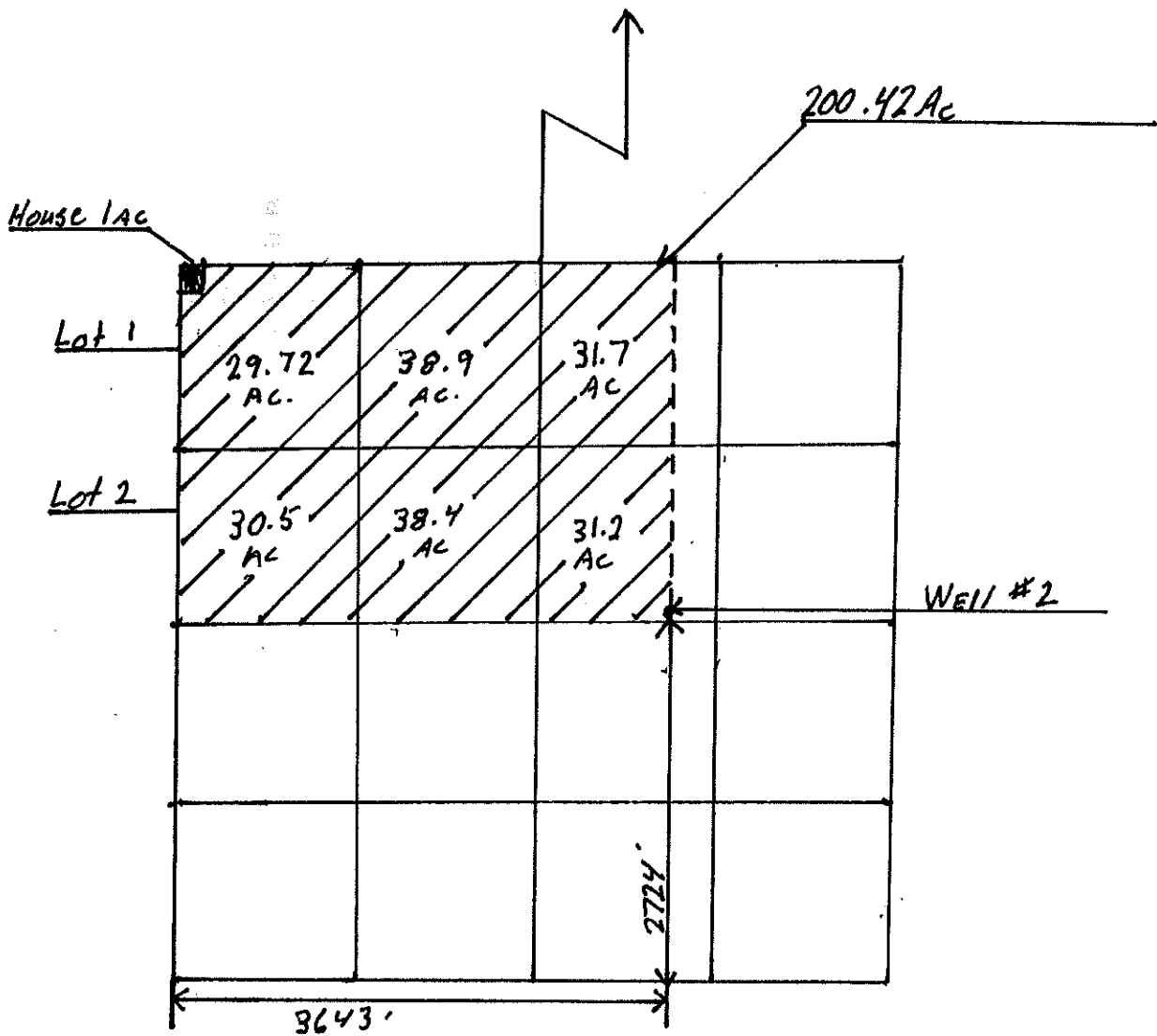
WILLIAMS JOSEPH C II

T 23S R 32E SECTION 7

TAX LOT 1300

SCALE 4" = 1 MILE

1/8" = 165'



PROPERTY OWNER: JOSEPH C. WILLIAMS  
 COUNTY: HARNEY  
 MALHEUR LAKE BASIN  
 TOTAL ACREAGE: 200.42

RECEIVED

NOV 17 2003

WATER RESOURCES DEPT  
SALEM, OREGON

App. NO. G-16132

G 16132





# FO CHECKLIST

Application G-16132 Name Joseph Williams II PFO week 475 FO week 431

Has applicant **name and/or address changed**, or has the file been **assigned**? Y /  N  
If new: \_\_\_\_\_

NO Were **comments** received? If so, from whom and when? \_\_\_\_\_  
Respond to significant comments, issues, or disputes related to the proposed use of water

**Verify names and mailing addresses** of all commentors, affected landowners and those who paid \$10 fee on PFO cc: list.

Have **affected landowner(s)** been notified? Y / N /  NA If not, do not issue FO. Send a letter to affected landowner(s).

Has ODFW asked for **screening** condition and rate  $\geq 0.005$  CFS? Y / N /  NA If yes, include fish screening form.

Are requested **GW conditions included** in permit?  Y / N / NA If not, add condition(s) \_\_\_\_\_

Do PFO conclusions **require modification** due to typos or errors? Y / N What and why? \_\_\_\_\_

Fees

Base Fee	Water Amount (Q)
\$100 / \$150	1 <sup>st</sup> CFS/AF <u>200</u>
\$250 / \$300	<u>2</u> Addl @ <u>100</u> + <u>200</u>
<u>300</u> (base)	<u>400</u> (Q) = <u>700</u> (total exam fee)

EXAM FEE REQUIRED	<u>200</u>	RECORDING FEE REQUIRED	\$175 / \$250
EXAM FEE PAID	<u>200</u>	RECORDING FEE PAID	<u>0</u>
STILL OWED	<u>0</u>	STILL OWED	<u>250</u>

FO type  DENIAL  FO w/ Permit # \_\_\_\_\_  FO w/o permit  lacks fees  
 lacks easement  
 lacks approved dam plans & specs

Name: J. Gainer Date: 10/20/04 Peer Reviewer: \_\_\_\_\_

**PFO CHECKLIST**

Application G-16132 Name Joseph Williams II PFO week 475

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

IR Date 7/9/04 Public Notice Date 7/13/04 Comments received? Y /

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

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

B.O.R. or Doug Co. project Y /  Contract in file? N contract # \_\_\_\_\_

IR identifies as DEQ 303d? Y / N /  Comments received? Y / N \_\_\_\_\_

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

Water Availability OK / REDONE /

Have conflicts been addressed? Y / N /

Changes from IR determinations NONE

Copy to Same as IR List

<input checked="" type="checkbox"/> Fees	Base Fee	Water Amount (Q)	
	\$100 / \$150	1 <sup>st</sup> CFS/AF @ \$200	\$ 200
	\$250 / \$300	2 Adtl @ \$100	+ 200
	<u>\$300</u>		<u>\$ 400</u>
	(base)		(Q)
			= <u>\$700</u>
			(total exam fee)

EXAM FEE REQUIRED	<u>\$700</u>	RECORDING FEE REQUIRED	<del>\$175</del> \$250
EXAM FEE PAID	<u>700</u>	RECORDING FEE PAID	<u>0</u>
STILL OWED	<u>\$ 0</u>	STILL OWED	<u>\$ 250</u>

Name: J. Goiny Date: 8/18/04 Peer Reviewer: ANITA

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 16132**

County **HARNEY** Basin: **12-MALHEUR LAKE** WAB: **12-31200106**

Township **32S** Range **5W** Section **36** 1/4 1/4 **NWSW**

- 10. Ground Water Availability:
  - A.  over appropriated  not over appropriated  cannot be determined
  - B.  will not be available  will likely be available ...without injury to prior water rights
  - C.  will not  will likely be available within capacity of ground water resource
  - D.  will if properly conditioned, avoid injury to existing ground water rights or to the ground water resource
  - E. Is the well located in a **GWLA** or **CGWA** or **T1N R3E**? (If applicable, include map with POD) YES  NO
- 15. Ground Water: Division 9: **NOT** w/in 1/4 mile PFSI with a stream **NO** C3a/C4a completed **NO**
- 25. Use **IR-S - 200.42 ACRES** Priority Date(s) **11/17/03** (If muni or quasi-muni use send to Doug Parrow)  
IF MUNI OR QUASI-MUNI CHECK THE START DATE, IF NO INFORMATION DISCUSS WITH DWIGHT
- 30. Allowed under **Basin Program**  **YES** Limitations? **NO OAR 690-512**
- 40. **Withdrawn?**  **NO** season allowed \_\_\_\_\_
- 45. **Basin Maps** have been checked.  **NO** River Mile \_\_\_\_\_
- 50. **SWW:**  **NO** (if Y notify state parks)
- 60. Surface water **Availability** (80% live flow / 50% storage)  **NA**
- 70. **Divs 33:**  **NA**

Above Bonn	Y N	Not allowed April 15 - September 30	Y / N
Below Bonn	Y N	If Y add PISPC	
Statewide	Y N		
- 80. Rate **1/80**  
Duty **3 AF** Rate: **Max 2.51 CFS** Req: **2.51 CFS**  
Season: **Normal 3/1 - 10/31** Requested **3/1 - 10/31**
- 90. B.O.R. or Doug Co. project **YES NO** contract # \_\_\_\_\_
- 100. Small (<0.1cfs, <9.2AF), Medium (>0.1 or <1.5cfs, >9.2 or <100AF, Contract Stored Water) Or  **Large** (>1.5 cfs, >100 AF)  
condition 7I, nursery use, and municipal require the Large **conditions** \_\_\_\_\_
- 110. **Land use** approval  **OK'd**  **needs approval**  **county notified**  **NA**  **NO** Legal Description
- 120. Watermaster **Dist:** 10 REGION: **EASTERN**
- 125. **Conflict?**  **NO** \_\_\_\_\_
- 130. Per interactive mapping **DOA**  **Y** /  **N** (NO COPY TO PAUL MEASLES) **303D**  **Y** /  **N** /  **NA** **CTUIR**  **Y** /  **N**  
(Check DOA map to determine if Y / N)
- 140. Does the applicant intend to begin construction within 5 years?  **Y** /  **N** (If not, bring to supervisor's attention.)
- 145. Within Oregon **Streamflow Restoration** Area?  **N**
- 150. Letter format ==  **Good** ==  **Limited** ==  **Bad** ==  **Bad w/ IRshort** ==  **Bad w/ HC Opportunity**
- 155. Attach basin map indicating point of diversion?
- 160. CWRE, representative, etc. to notify?  **Y** /  **N** \_\_\_\_\_

*Peer Review* **cb**

Name: JERRY GAINEY Date: 6/28/04 c:\myfiles\forms\checkirnew 5/4/04

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.



## Analysis for Application: G16132

**Location: 23S-32E-7-NWNE**

Uses: IS 31.7 S

**Basins**

BASIN_NUM	BASIN_NAME
12	Malheur Lake

**Records Found: 1**

**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

**Records Found: 1**

**WAB**

GAGE	BASIN	LINK1	LINK2
31200106	12	Water Availability: 50% 80%	Flood Frequency Analysis

**Records Found: 1**

**County**

COUNTY	FIPS
Harney	41025

**Records Found: 1**

**Groundwater Restricted Records Found: 0**

**Divison 33 Area**

DIV33
In a Div33 area

**Records Found: 1**

**Rule 4D Records Found: 0**

**303D Streams Records Found: 0**

**303D Lakes Records Found: 0**

**Location: 23S-32E-7-SWNE**

Uses: IS 31.2 S

**Basins**

BASIN_NUM	BASIN_NAME
12	Malheur Lake

**Records Found: 1**

**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

**Divison 33 Area**

<b>DIV33</b>
In a Div33 area

**Records Found: 1**

**Rule 4D Records Found: 0**

**303D Streams Records Found: 0**

**303D Lakes Records Found: 0**

**Location: 23S-32E-7-NWNW**

**Uses: IS 29.72 S**

**Basins**

BASIN_NUM	BASIN_NAME
12	Malheur Lake

**Records Found: 1**

**WaterMaster Districts**

WATERDIST	REGION	WMASTER	ADDRESS	CITY	ZIP	PHONE	EXT	FAX
10	E	June Miller	450 N. Buena Vista	Burns	97720	541-573-2591		541-573-8387

**Records Found: 1**

**WAB**

GAGE	BASIN	LINK1	LINK2
31200106	12	Water Availability: 50% 80%	Flood Frequency Analysis

**Records Found: 1**

**County**

COUNTY	FIPS
Harney	41025

**Records Found: 1**

**Groundwater Restricted Records Found: 0**

**Divison 33 Area**

<b>DIV33</b>
In a Div33 area

**Records Found: 1**

**Rule 4D Records Found: 0**

**303D Streams Records Found: 0**

**303D Lakes Records Found: 0**

**Location: 23S-32E-7-SENW**

**Uses: IS 38.4 S**

**County**

COUNTY	FIPS
Harney	41025

**Records Found: 1**

**Groundwater Restricted Records Found: 0**

**Divison 33 Area**

<b>DIV33</b>
In a Div33 area

**Records Found: 1**

**Rule 4D Records Found: 0**

**303D Streams Records Found: 0**

**303D Lakes Records Found: 0**



## DIVISION 512 - MALHEUR LAKE BASIN PROGRAM PROVISION

### 690-512-0040 - Water Availability

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

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

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

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

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

(a) Instream water rights;

(b) Permits for storage of water between March 1 and May 31 if the application is not required to be referred to the Commission under OAR 690-011-0080(2)(a)(C); or

(c) Permits for use of water legally stored.

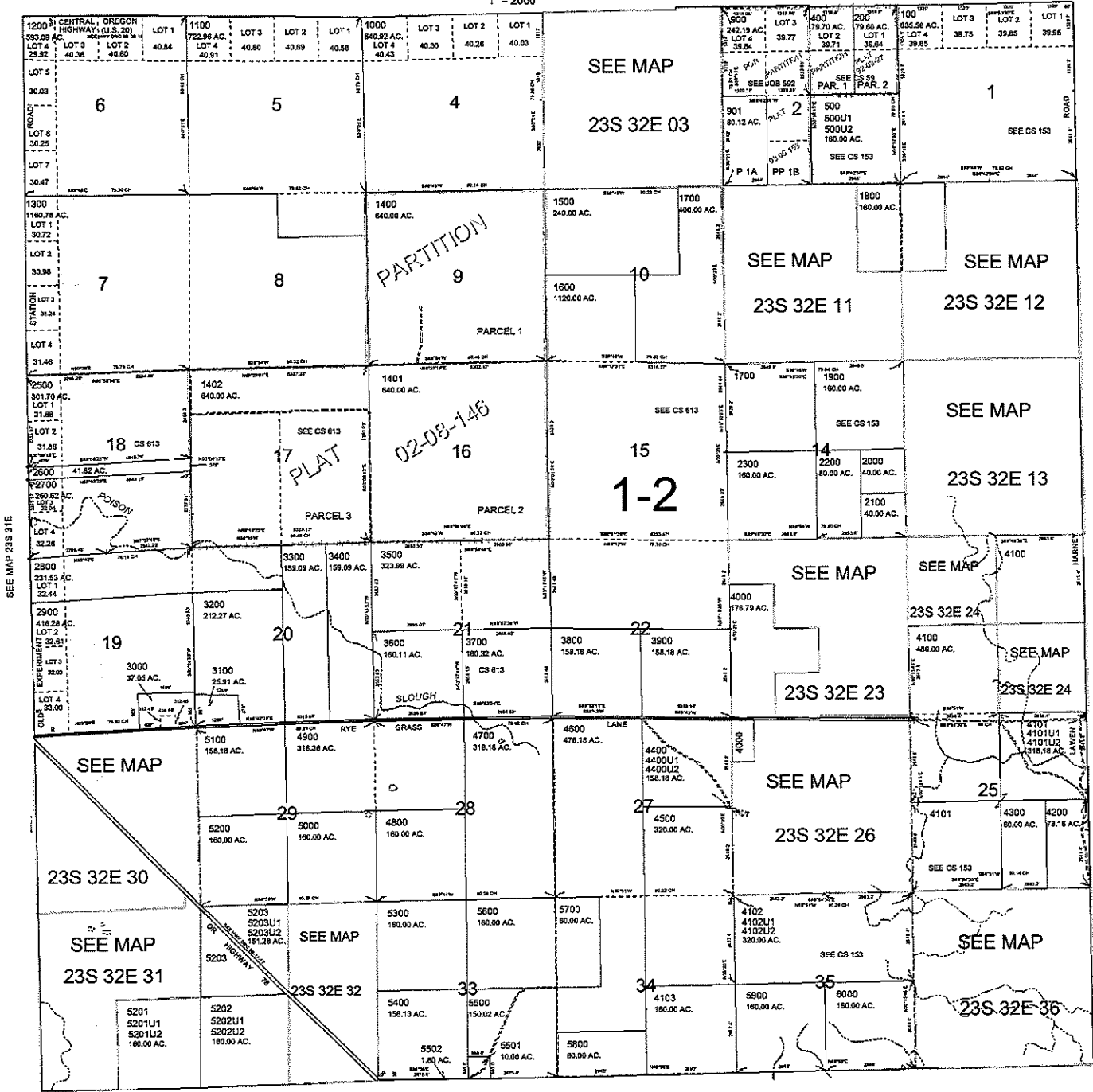
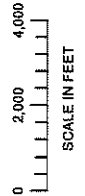
THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

### T.23S. R.32E. W.M. HARNEY COUNTY

1" = 2000'

SEE MAP 22S 32E

23S 32E  
& INDEX



- CANCELLED NO.
- 300
  - 600
  - 700
  - 700M1
  - 800
  - 900M1
  - 1800M1
  - 2000M1
  - 2000M2
  - 2100M1
  - 2200M1
  - 2400
  - 3200M1
  - 3200M2
  - 4300M1
  - 4300M2
  - 4900M1
  - 5700M1

SEE MAP 23S 32E

SEE MAP 24S 32E

PRINTED ON  
Jan 23, 2004  
23S 32E  
& INDEX

# Mailing List for PFO Copies

---

Application #G-16132

PFO Date August 31, 2004

**Original mailed to:**

Applicant: JOSEPH WILLIAMS II, 70785 OLD EXPERIMENT STATION, BURNS, OR 97720

Copies sent to:

- 1. WRD - File # G-16132
- 2. Water Availability: Ken Stahr

PFO and Map Copies sent to:

- 3. WRD - Watermaster # 10
- 4. Regional Manager: ER

Copies Mailed
By: <u>JCB</u>
(SUPPORT STAFF)
on: <u>8/31/04</u>
(DATE)

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: gaineyjw- WEEK 475



**Oregon Water Resources Department  
Water Rights Division**

Water Rights Application  
Number G-16132

Prior to issuance of a permit, recording fees in the amount of **\$250.00** must be submitted to the Department. In order to increase Department efficiency and expedite the processing of your application, please submit the necessary fees prior to the protest deadline of **October 15, 2004**. Please include your application number on your check made out to the Oregon Water Resources Department. If this fee is not paid prior to October 15, 2004, issuance of a permit may be delayed.

**Proposed Final Order**

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

*Application History*

On November 17, 2003, Joseph Williams II submitted an application to the Department for the following water use permit:

- Amount of Water: 2.51 cubic feet per second (CFS)
- Use of Water: Supplemental irrigation use on 200.42 acres
- Source of Water: Well 2 in Rattlesnake Creek Basin
- Area of Proposed Use: Harney County within Section 7, Township 23 South, Range 32 East, W.M.

On July 9, 2004, the Department mailed the applicant notice of its Initial Review, determining that "*The use of 2.51 cubic feet per second from Well 2 in Rattlesnake Creek Basin for supplemental irrigation use on 200.42 acres is allowable from March 1 through October 31 of each year.*" The applicant did not notify the Department to stop processing the application within 14 days of that date.

On July 13, 2004, 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.

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 groundwater availability has been completed by the Department's Groundwater/Hydrology section. A copy of this assessment is in the file. The proposed use of groundwater will likely be available in the amounts requested without injury to prior rights and/or within the capacity of the resource.

The Department finds that the amount of water requested, 2.51 CFS, is an acceptable amount.

The proposed well is not within a designated critical ground water area.

#### *Conclusions of Law*

Under the provisions of ORS 537.621, the Department must presume that a proposed use will ensure the preservation of the public welfare, safety and health if the proposed use is allowed in the applicable basin program established pursuant to ORS 536.300 and 536.340 or given a preference under ORS 536.310(12), if water is available, if the proposed use will not injure other water rights and if the proposed use complies with rules of the Water Resources Commission.

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

*Protest Rights and Standing*

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

- Your name, address, and telephone number;
- A description of your interest in the proposed final order, and, if you claim to represent the public interest, a precise statement of the public interest represented;
- A detailed description of how the action proposed in this proposed final order would impair or be detrimental to your interest;
- A detailed description of how the proposed final order is in error or deficient, and how to correct the alleged error or deficiency;
- Any citation of legal authority to support your protest, if known; and
- If you are not the applicant, the protest fee of \$250 required by ORS 536.050 and proof of service of the protest upon the applicant.
- If you are the applicant, a statement of whether or not you are requesting a contested case hearing. If you do not request a hearing, the Department will presume that you do not wish to contest the findings of the proposed final order.
- If you do not protest this Proposed Final Order and if no substantive changes are made in the final order, you will not have an opportunity for judicial review, protest or appeal of the final order when it is issued.

## Requests for Standing

Under the provisions of 537.621(6), persons other than the applicant who support a proposed final order may request standing for purposes of participating in any contested case proceeding on the proposed final order or for judicial review of a final order. A request for standing shall be in writing, include a statement that the requester supports the proposed final order, and a statement of how the requester would be harmed if the proposed final order is modified. The fee required at the time of submitting this request is \$50.00. If a hearing is scheduled, an additional fee of \$200.00 must be submitted along with a request for intervention. Forms to request standing are available from the Department.

Your protest or request for standing must be received in the Water Resources Department no later than **October 15, 2004**.

After the protest period has ended, the Director will either issue a final order or schedule a contested case hearing. The contested case



DRAFT

This is not a permit.  
STATE OF OREGON

DRAFT

COUNTY OF HARNEY

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS DRAFT PERMIT IS HEREBY ISSUED TO

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

(541)573-1642

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

APPLICATION FILE NUMBER: G-16132

SOURCE OF WATER: WELL 2 IN RATTLESNAKE CREEK BASIN

PURPOSE OR USE: SUPPLEMENTAL IRRIGATION USE ON 200.42 ACRES

MAXIMUM RATE: 2.51 CUBIC FEET PER SECOND

PERIOD OF USE: MARCH 1 THROUGH OCTOBER 31

DATE OF PRIORITY: NOVEMBER 17, 2003

WELL LOCATION: SW ¼ NE ¼, SECTION 7, T23S, R32E, W.M.; 2724 FEET NORTH & 3643 FEET EAST FROM SW CORNER, SECTION 7

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:

- NW ¼ NE ¼ 31.7 ACRES
- SW ¼ NE ¼ 31.2 ACRES
- NE ¼ NW ¼ 38.9 ACRES
- NW ¼ NW ¼ (LOT 1) 29.72 ACRES
- SW ¼ NW ¼ (LOT 2) 30.5 ACRES
- SE ¼ NW ¼ 38.4 ACRES

SECTION 7

TOWNSHIP 23 SOUTH, RANGE 32 EAST, W.M.

Measurement, recording and reporting conditions:

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

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

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

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

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

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

Complete application of the water to the use shall be made on or before October 1, 2008. If the water is not completely applied before this date, and the permittee wishes to continue development under the permit, the permittee must submit an application for extension of time, which may be approved based upon the merit of the application.

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

Issued \_\_\_\_\_, 2004

**DRAFT - THIS IS NOT A PERMIT**

Phillip C. Ward, Acting Director  
Water Resources Department

ASSIGNMENT OF PERMIT: Pursuant to ORS 537.220, this permit may be assigned to a party other than the permittee named hereon, if the land the permit is associated with changes ownership, or if the permittee is an organization whose name changes as a result of sale or merger. Request for Assignment forms are available from the Oregon Water Resources Department web site at <http://www.wrd.state.or.us/>, or may be requested from the Department at 503-986-0801 or Water Right Application Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271.

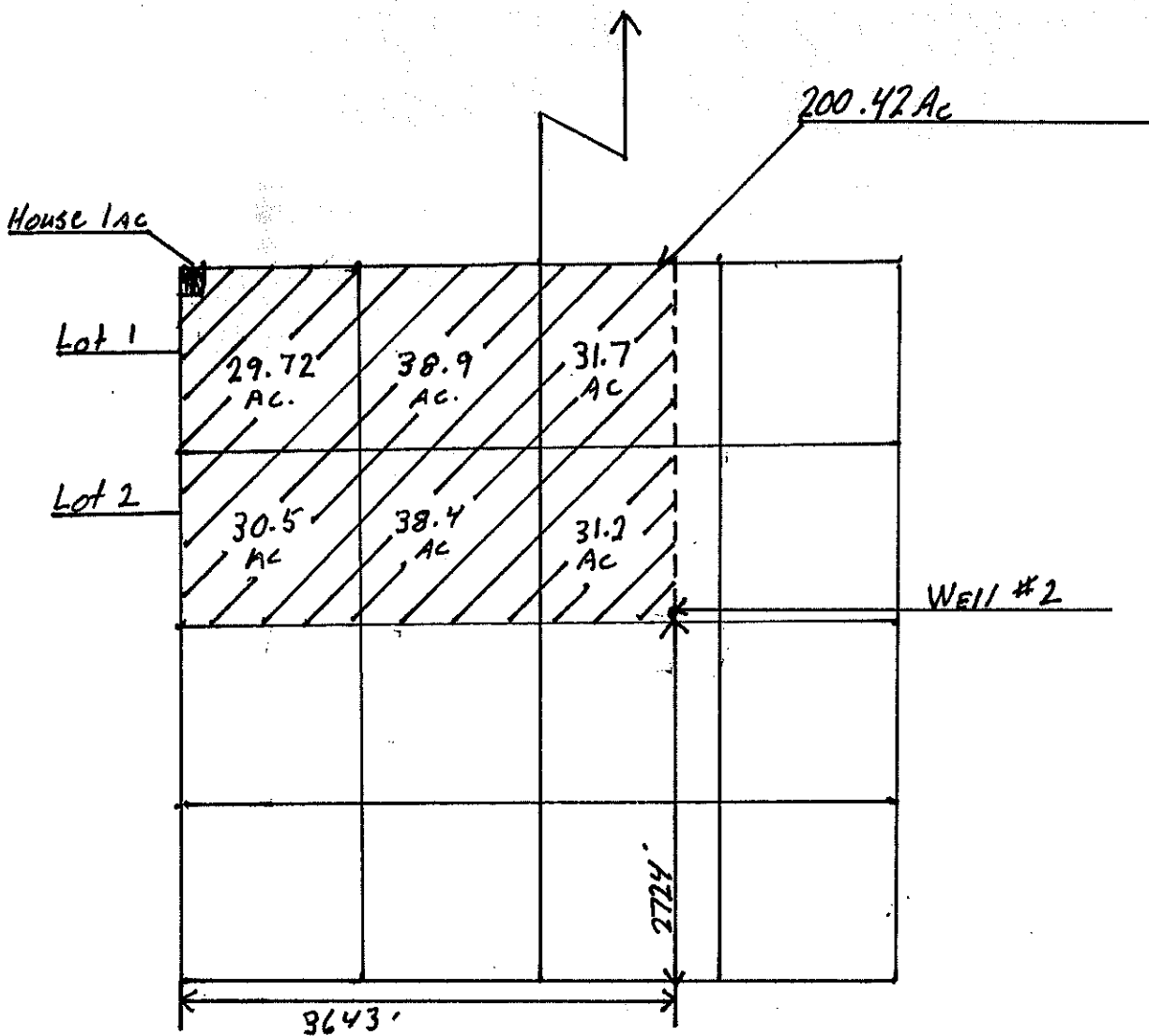
WILLIAMS JOSEPH C II

T 23S R 32E SECTION 7

TAX LOT 1300

SCALE 4" = 1 MILE

1/8" = 165'



PROPERTY OWNER: JOSEPH C. WILLIAMS

COUNTY: HARNEY

MALHEUR LAKE BASIN

TOTAL ACREAGE: 200.42

App. NO. G-16132

G 16132

RECEIVED

NOV 17 2003

WATER RESOURCES DEPT  
SALEM, OREGON



G 16132  
JOSEPH A. Williams

Davy -

On your request please  
find Dept description attached.  
If you need anything else please  
call 541-573-1642

LEGAL COMMENTS

T 23 S., R 32 E., W.M. TL 1300  
LAND IN HARNEY COUNTY, OREGON, AS FOLLOWS:  
IN TOWNSHIP 23 S., RANGE 32 E., W.M.  
SECTION 7: LOTS 1, 2, 3 & 4; E1/2W1/2; E1/2  
SECTION 8: W1/2; S1/2NE1/4; SE1/4

RECEIVED

JUL 15 2004

WATER RESOURCES DEPT  
SALEM, OREGON



# Oregon

Theodore R. Kulongoski, Governor

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

July 9, 2004

**CERTIFIED LETTER  
RETURN RECEIPT REQUESTED**

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

(541)573-1642

Reference: File G-16132

Dear Mr. Williams:

**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 proposed use is not prohibited by law or rule except where otherwise noted below.
2. The use of water from Well 2 in Rattlesnake Creek Basin for irrigation is allowable under OAR 690-512, the Malheur Lake Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will not have the potential for substantial interference with the nearest surface water source.
4. The Department has also determined, based upon available data, that the use of groundwater will likely be available in the amounts requested without injury to prior rights and/or within the capacity of the resource.
5. The Department has determined there are deficiencies with the application submitted. Please refer to the **ADDITIONAL INFORMATION REQUIRED** section below for specific information.

Application G-16132

**RECEIVED**

JUL 15 2004 <sup>1</sup>

WATER RESOURCES DEPT  
SALEM, OREGON

### Summary of Initial Determinations

The use of 2.51 cubic feet per second from Well 2 in Rattlesnake Creek Basin for supplemental irrigation use on 200.42 acres is allowable from March 1 through October 31 of each year.

#### ADDITIONAL INFORMATION REQUIRED:

- OAR 690-310-040(1)(a)(I)(iii) requires the legal description of any property on which the water is to be used as depicted on the map. Please provide the Department with a copy of the legal description of the property where the water will be used. Please submit "Exhibit A" from your deed, a land sales contract, or title insurance policy.

Please submit this information no later than **Thursday, August 12, 2004**. *If you are unable to submit the above listed information, you may request an "Administrative Hold" for up to an additional 180 days.* You must submit the request in writing, stating how much more time you will need and why you need additional time. If an administrative hold is granted, your application will not be processed further until the requested information is received or the extended deadline has passed.

If we do not receive the items requested above by this date, or you do not request an "Administrative Hold," we may reject your application consistent with ORS 537.153. If your application is rejected, any fees submitted in excess of the examination fee will be refunded; however, the examination fee is non-refundable and will not be returned. In addition, the priority date associated with your application will be lost.

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

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

#### To Proceed With Your Application:

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

Application G-16132

**RECEIVED**  
JUL 15 2004 2  
WATER RESOURCES DEPT  
SALEM, OREGON



Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by Friday, July 23, 2004. For your convenience you may use the enclosed "STOP PROCESSING" form.

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

1. Measurement, recording and reporting conditions:
  - A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
  - 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.
  - C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.
2. The priority date for this application is November 17, 2003.

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.oda.state.or.us/nrd/water\\_quality/index.html](http://www.oda.state.or.us/nrd/water_quality/index.html) to learn more about the plans and how they may affect your proposed water use.

RECEIVED

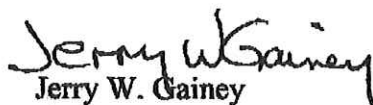
JUL 15 2004

WATER RESOURCES DEPT  
SALEM, OREGON

If you have any questions:

Questions about the status of your application, processing timelines, or your upcoming Proposed Final Order should be directed to our Water Right Information Group at 503-986-0801. Feel free to call me at 503-986-0812 if you have any questions regarding the contents of this letter. Please have your application number available if you call. Address all other correspondence to: Water Rights Section, Oregon Water Resources Department, 725 Summer St NE Ste A, Salem OR 97301-1271, Fax: 503-986-0901.

Sincerely,



Jerry W. Gainey  
Water Right Application Caseworker

enclosures: Application Process Description and Stop Processing Request Form

G-16132  
wab 12-16-351  
pou 12-16-351  
gwa

Application G-16132

**RECEIVED**  
JUL 15 2004  
WATER RESOURCES DEPT 4  
SALEM, OREGON

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- 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:

G-16132

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS OR 97720

2. Article Number  
(Transfer from service label)

7004 0750 0000 7516 0138

PS Form 3811, February 2004

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature   Agent  
 Addressee

B. Received by (Printed Name) J Williams C. Date of Delivery 7/12/14

D. Is delivery address different from item 1?  Yes  
If YES, enter delivery address below:  No

3. Service Type  
 Certified Mail  Express Mail  
 Registered  Return Receipt for Merchandise  
 Insured Mail  C.O.D.

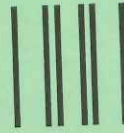
4. Restricted Delivery? (Extra Fee)  Yes

Domestic Return Receipt WR (IR)

102595-02-M-1540



UNITED STATES POSTAL SERVICE



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

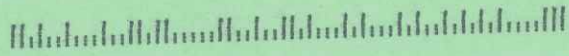
• Sender, Please print your name, address, and ZIP+4 in this box •

**RECEIVED**

**JUL 19 2004**

**WATER RESOURCES DEPT  
SALEM, OREGON**

WATER RESOURCES DEPARTMENT  
725 SUMMER STREET NE SUITE A  
SALEM OR 97301-1271





# 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

July 9, 2004

**CERTIFIED LETTER  
RETURN RECEIPT REQUESTED**

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS, OR 97720

(541)573-1642

Reference: File G-16132

Dear Mr. Williams:

**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 proposed use is not prohibited by law or rule except where otherwise noted below.
2. The use of water from Well 2 in Rattlesnake Creek Basin for irrigation **is allowable** under OAR 690-512, the Malheur Lake Basin Program.
3. The Department has determined, based upon OAR 690-09, that the proposed groundwater use will not have the potential for substantial interference with the nearest surface water source.
4. The Department has also determined, based upon available data, that the use of groundwater will likely be available in the amounts requested without injury to prior rights and/or within the capacity of the resource.
5. The Department has determined there are deficiencies with the application submitted. Please refer to the **ADDITIONAL INFORMATION REQUIRED** section below for specific information.

Withdrawal Refunds:

If you choose not to proceed, you may withdraw your application and receive a refund (minus a \$50 processing charge per application.) To accomplish this you must notify the Department in writing by **Friday, July 23, 2004**. For your convenience you may use the enclosed "STOP PROCESSING" form.

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

1. Measurement, recording and reporting conditions:
  - A. Before water use may begin under this permit, the permittee shall install a meter or other suitable measuring device as approved by the Director. The permittee shall maintain the meter or measuring device in good working order.
  - 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.
  - C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.
2. The priority date for this application is November 17, 2003.

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.oda.state.or.us/nrd/water\\_quality/index.html](http://www.oda.state.or.us/nrd/water_quality/index.html) to learn more about the plans and how they may affect your proposed water use.



# APPLICATION FACT SHEET

*Mail to: Applicant, Watermaster, District Biologist (ODFW)*  
*If necessary, also mail to : Regional Water quality manager (DEQ), and DOA*

Application File Number: G-16132

Applicant: JOSEPH WILLIAMS II

County: Harney

Watermaster: 10

Priority Date: November 17, 2003

Source: WELL 2 IN RATTLESNAKE CREEK BASIN

Use: SUPPLEMENTAL IRRIGATION USE ON 200.42 ACRES

Quantity: 2.51 CUBIC FEET PER SECOND

Basin Name & Number: Malheur Lake, #12

Stream Index Reference: Volume 2 RATTLESNAKE CR

Well Location: SWNE, SECTION 7, T23S, R32E, W.M.; 2724 FEET NORTH & 3643 FEET  
EAST FROM SW CORNER, SECTION 7

Place of Use: NWNE 31.7 ACRES, SWNE 31.2 ACRES, NENW 38.9 ACRES, NWNW 29.72  
ACRES, SWNW 30.5 ACRES, SENW 38.4 ACRES, SECTION 7, TOWNSHIP 23 SOUTH,  
RANGE 32 EAST, W.M.

**14 DAY STOP PROCESSING DEADLINE DATE: Friday, July 23, 2004**

**PUBLIC NOTICE DATE: Tuesday, July 13, 2004**

**30 DAY COMMENT DEADLINE DATE: Thursday, August 12, 2004**

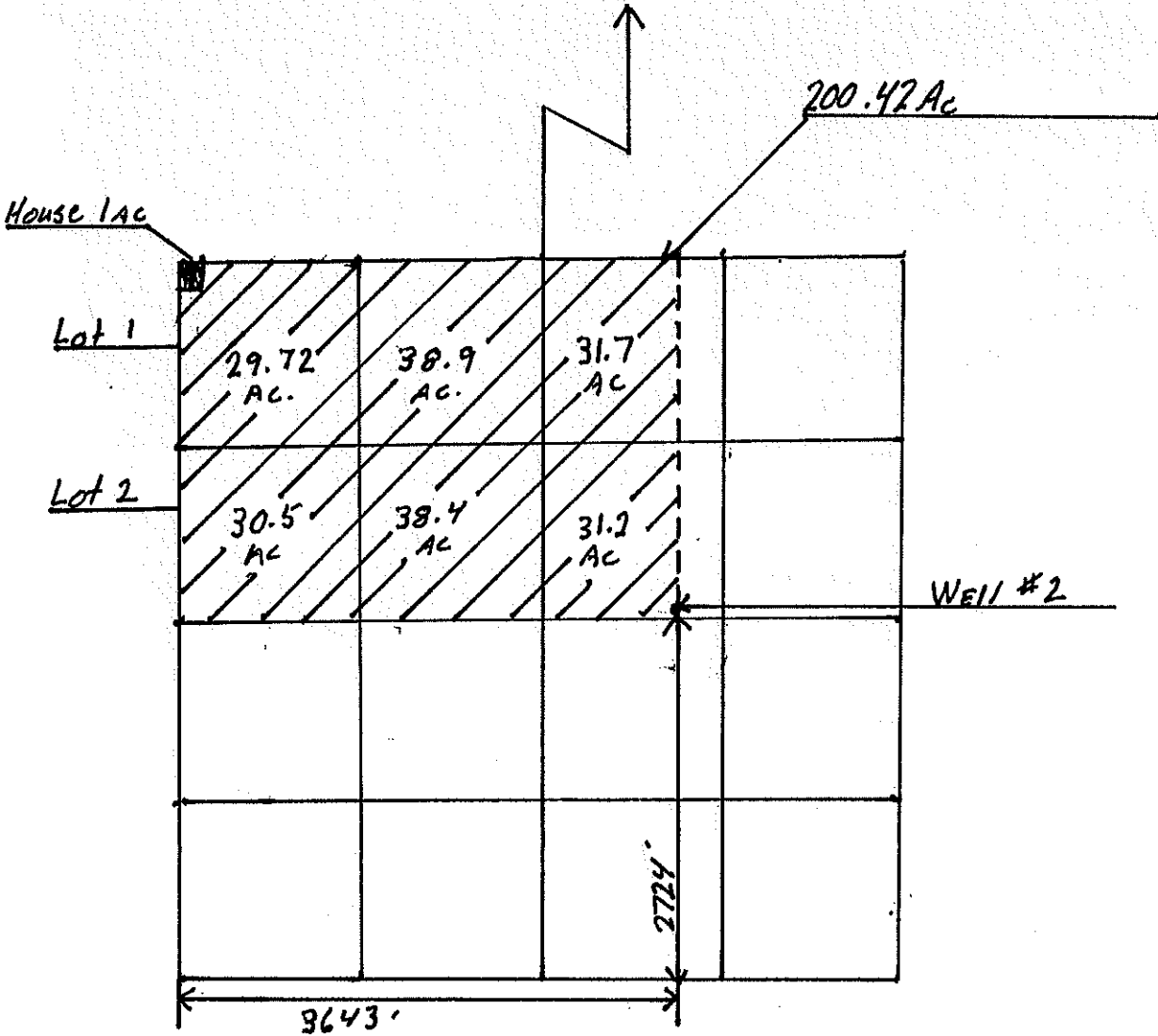
Williams JOSEPH CR

T 23S R 32E SECTION 7

TAX LOT 1300

SCALE 4" = 1 MILE

1/8" = 165'



PROPERTY OWNER: JOSEPH C. WILLIAMS  
COUNTY: HARNEY  
MALHEUR LAKE BASIN  
TOTAL ACRAGE: 200.42

App. NO. G-16132

App. NO. G-16132

RECEIVED

NOV 17 2003

WATER RESOURCES DEPT  
SALEM, OREGON

# Mailing List for IR Copies

Application #G-16132

IR Date: July 9, 2004

## Original mailed to:

~~Applicant:~~ JOSEPH WILLIAMS II, 70785 OLD EXPERIMENT STATION, BURNS, OR 97720

## Copies sent to:

- ~~1.~~ WRD - File # G-16132
- ~~2.~~ WRD - Water Availability: Ken Stahr

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

- ~~3.~~ WRD - Watermaster # 10
- ~~4.~~ WRD - Regional Manager EASTERN

Copies Mailed
By: <u>JCB</u>
(SUPPORT STAFF)
on: <u>7/9/04</u>
(DATE)

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

5. \_\_\_\_\_

ID# JWG

COPYSH.T.R

**REMINDER:** Copy *all* IR's for uses in the geographic Umatilla Basin to Confederated Tribes of the Umatilla Indian Reservation, PO Box 638, 73239 Confederated Way, Pendleton, OR 97801.

**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.)



**Water Right Conditions  
Tracking Slip**

*Groundwater/Hydrology Section*

FILE ## G-16132

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 23S/32E-7 ac

CONDITIONS ATTACHED?  yes  no

REMARKS OR FURTHER INSTRUCTIONS:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Reviewer: Michael Zwart

**PUBLIC INTEREST REVIEW FOR GROUND WATER APPLICATIONS**

TO: Water Rights Section Date June 16, 2004

FROM: Ground Water/Hydrology Section Michael Zwart  
Reviewer's Name

SUBJECT: Application G- 16132 Supersedes review of N/A  
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: Joseph C. Williams II County: Harney

A1. Applicant(s) seek(s) 2.51 cfs from one well(s) in the Malheur Lake Basin,  
Poison Creek Slough subbasin Quad Map: Poison Creek Slough

A2. Proposed use: Irrigation, 200.42 ac (S) Seasonality: March 31 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	HARN 548*	1	Pumice	2.51	23S/32E-7 SW-NE	3643' E, 2724' N fr SW cor S 7
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	4135	100	31	?	250	0-20	0-200	None	None	1200	?	

Use data from application for proposed wells.

A4. **Comments:** \*HARN 548 is a nearby well reportedly similar to the subject well, which has no log on file. Construction data above is that reported by applicant, which is somewhat similar to this well log. The targeted aquifer is between 200 and 250 feet in depth. Though the casing extends to 200 feet, I would be more confident in the following findings if the seal were also to that depth.

A5.  **Provisions of the Malheur Lake** 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: \_\_\_\_\_  
 \_\_\_\_\_

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





**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	Pumice, pos. silicic ash-flow tuff underlying lacustrine seds.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer confinement evaluation: SWL well above the targeted water-bearing zone.

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	Poison Creek Slough	4104	4133	6700	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Basis for aquifer hydraulic connection evaluation: Surface water source is not developed in deep tuffaceous deposits likely targeted by the well. Also, the head relationship suggests a poor hydraulic connection.

Water Availability Basin the well(s) are located within: Poison Cr. Sl. > Ninemile Sl. at mouth (31200106)

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?
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

C3b. **690-09-040 (4):** Evaluation of stream impacts by total appropriation for all wells determined or assumed to be hydraulically connected and less than 1 mile from a surface water source. Complete only if Q is distributed among wells. Otherwise same evaluation and limitations apply as in C3a above.

SW #	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?
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
	<input type="checkbox"/>			<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>

Comments: This section does not apply.

C4a. **690-09-040 (5):** Estimated impacts on hydraulically connected surface water sources greater than one mile as a percentage of the proposed pumping rate. Limit evaluation to the effects that will occur up to one year after pumping begins. This table encompasses the considerations required by 09-040 (5)(a), (b), (c) and (d), which are not included on this form. Use additional sheets if calculated flows from more than one WAB are required.

Non-Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
Distributed Wells													
Well	SW#	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
		%	%	%	%	%	%	%	%	%	%	%	%
Well Q as CFS													
Interference CFS													
(A) = Total Interf.													
(B) = 80 % Nat. Q													
(C) = 1 % Nat. Q													
(D) = (A) > (C)		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
(E) = (A / B) x 100		%	%	%	%	%	%	%	%	%	%	%	%

(A) = total interference as CFS; (B) = WAB calculated natural flow at 80% exceed. as CFS; (C) = 1% of calculated natural flow at 80% exceed. as CFS; (D) = highlight the checkmark for each month where (A) is greater than (C); (E) = total interference divided by 80% flow as percentage.

Basis for impact evaluation: This section does not apply.

Multiple horizontal lines for handwritten notes or data entry.

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**

Multiple horizontal lines for handwritten remarks and conditions.

References Used: Nearby well logs; review of nearby files, esp. G-16003; GW Report #16.

Multiple horizontal lines for additional references or notes.

**D. WELL CONSTRUCTION, OAR 690-200**

D1. Well #: 1 Logid: None

D2. **THE WELL does not meet current well construction standards based upon:**

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

D3. **THE WELL construction deficiency:**

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

D4. **THE WELL construction deficiency is described as follows:** \_\_\_\_\_

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D5. **THE WELL** a.  was, or  was not constructed according to the standards in effect at the time of original construction or most recent modification.

b.  I don't know if it met standards at the time of construction.

D6.  **Route to the Enforcement Section.** I recommend withholding issuance of the permit until evidence of well reconstruction is filed with the Department and approved by the Enforcement Section and the Ground Water Section.

**THIS SECTION TO BE COMPLETED BY ENFORCEMENT PERSONNEL**

D7.  Well construction deficiency has been corrected by the following actions: \_\_\_\_\_

---



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\_\_\_\_\_, 200\_\_\_\_\_  
(Enforcement Section Signature)

D8.  **Route to Water Rights Section (attach well reconstruction logs to this page).**

---











State of Oregon  
**Water Resources Department**  
 158 12th Street NE, Salem, OR 97301-4172  
 503-378-8455  
 http://www.wrd.state.or.us

# Application for a Permit to Use Ground Water

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

**RECEIVED**

NOV 17 2003

WATER RESOURCES DEPT  
 SALEM, OREGON

## 1. APPLICANT INFORMATION

### A. Individuals

Applicant: JOSEPH C. Williams #  
First Last

Co-applicant: \_\_\_\_\_  
First Last

Mailing address: 70785 Old Experiment Station  
Burns OR 97720  
City State Zip

Phone: \_\_\_\_\_  
Home Work Other

\*Fax: \_\_\_\_\_ \*E-Mail address: JCWILLIAMSJ@netscape.NET

### B. Organizations

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

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

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

Mailing address of organization: \_\_\_\_\_

\_\_\_\_\_  
City State Zip

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

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

\*Optional information

For Department Use		
App. No. <u>G-16132</u>	Permit No. _____	Date _____

Williams, Joseph C II

**2. PROPERTY OWNERSHIP**

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

- Yes (Skip to section 3 "Ground water Development.")
- No Please check the appropriate box below.
  - I have a recorded easement or written authorization permitting access.
  - I do not currently have written authorization or easement permitting access.

List the names and mailing addresses of all affected landowners.\*

---



---



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---



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\*If more than 25 landowners are involved, a list is not required. See instructions.

**3. GROUND WATER DEVELOPMENT**

A. Number of well(s): 1 B. Name of nearest surface water body: Silvers River

C. Distance from well(s) to nearest stream or lake: 1) 6 miles

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

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

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

**E. Well Characteristics**

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

Well(s) will be constructed by: Existing Well

Address: \_\_\_\_\_

Completion date: \_\_\_\_\_

App. NO. G-16132

**RECEIVED**

NOV 17 2003

WATER RESOURCES DEPT  
SALEM, OREGON



Williams, JOSEPH C

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
2	12	Steel 12"	200		20'	31' static	100	Airline	250
<div style="background-color: yellow; padding: 5px; border: 1px solid black;"> <p>7/20/15 HJB This fits the description of well #1</p> </div>									

Note: Well numbers in this listing must correspond to well locations(s) shown on accompanying map.

**C. Artesian Flows**

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

---

---

---

---

---

---

**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**

App. NO. G-16132

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WATER RESOURCES DEPT  
SALEM, OREGON

Williams, Joseph C. II

**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)
2	Ground	Irrigation	1125	3Ac-ft	1200

**C. Maximum Rate of Use Requested**

What is the maximum, instantaneous rate of water that will be used? 2.51 cfs  
(The fees for your application will be based on this amount.)

2.570  
2.571

**D. Period of Use**

Indicate the time of year you propose to use the water: 3-31 / 10-31  
(For seasonal uses like irrigation give dates when water use would begin and end, e.g. March 1–October 31.)

**E. Acreage**

If you will be applying water to land, please give the total number of acres where water will be applied or used: 200.42 Ac  
(This number should be consistent with your application map.)

**5. WATER MANAGEMENT**

**A. Diversion**

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

- Pump (give horsepower and pump type): 100 Hp, Turbine pump 1150 gpm
- 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 8" pvc Length 2018
- Other (describe) \_\_\_\_\_

Ground Water/4

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WATER RESOURCES DEPT  
SALEM, OREGON

**C. Application/Distribution Method**

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

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

- Flood
- High-pressure sprinkler
- Low pressure sprinkler
- Drip
- Water cannons
- Center pivot system
- Hand lines
- Wheel lines
- Siphon tubes or gated pipe with furrows
- Other, describe \_\_\_\_\_

Distribution method

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

**D. Conservation**

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

*Low pressure sprinklers on long drops to put sprinklers close to ground. Low pressure on wheel lines.*

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

Proposed date construction will be completed: 9-15-03

Proposed date beneficial water use will begin: 3-31-04

**7. REMARKS**

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

*This application is for supplemental water rights for 200.42 AC.*

App. NO. G-16132

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WATER RESOURCES DEPT  
SALEM, OREGON



Williams, JOSEPH C. #

### 8. MAP REQUIREMENTS

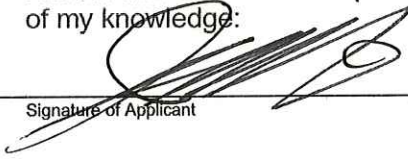
The Department cannot process your application without accurate information showing the source of water and location of water use. You must include a map with this application form that clearly indicates the township, range, section, and quarter/quarter section of the proposed well location and place 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:


11-10-03  
 \_\_\_\_\_  
 Signature of Applicant Date  
 \_\_\_\_\_  
 Signature of Co-applicant Date

**Before you submit your application be sure you have:**

- Answered each question completely.
- Attached a legible map which includes township, range, section, quarter/quarter and tax lot number.
- Included a Land Use Information Form or receipt stub signed by a local official.
- Included the legal description of all the property involved with this application. You may supply a copy of the deed, land sales contract, or title insurance policy, to meet this requirement.
- Included a check payable to the Oregon Water Resources Department for the appropriate amount.



**INTEROFFICE MEMORANDUM**

Water Rights Section

TO: Doug Woodcock

May 4, 2004

FROM: Jerry Gainey *JG*

RE: GW File Number G-16132, Joseph Williams

---

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As requested by Ken Lite, attached is a well log for the above referenced application for Ken to complete the ground water review.

Please route to me when finished.

Thanks.

**Water Right Conditions  
Tracking Slip**

*Groundwater/Hydrology Section*

FILE ## G-16132

ROUTED TO: Water Rights

TOWNSHIP/

RANGE-SECTION: 23S/32E-7

CONDITIONS ATTACHED?  yes  no

REMARKS OR FURTHER INSTRUCTIONS:

Have applicant submit  
well report for this  
application

Reviewer: K. Lite



WELL LOGS WITHIN 1 MILE OF APPLICATION G 16132

ABANDON: 0  
 RECONDITIONED: 1  
 REPAIRED: 0  
 CONVERSION: 0  
 DEEPENINGS: 3  
 NEW CONSTRUCT: 51

COMMUNITY USE: 0  
 DOMESTIC USE: 12  
 INDUSTRIAL USE: 1  
 INJECTION USE: 0  
 IRRIGATION USE: 13  
 THERMAL USE: 0  
 LIVESTOCK USE: 8

\*\*\*\*\*

PERMITTED WELLS WITHIN 1 MILE OF APPLICATION G 16132

\$RECNO	APPLICATION	PERMIT	CLAIM	LOC-QQ	USE_CODE
1	G	11723	G 10816	0 23.00S32.00E 5SENE	IS
1	G	12614	G 11810	0 23.00S32.00E 5SENE	IS
2	G	16132	0	0 23.00S32.00E 7SWNE	IS
3	G	2526	G 2341	0 23.00S32.00E 7SENE	IS
4	G	16003	0	0 23.00S32.00E 7SESW	IR
5	G	3474	G 3053	0 23.00S32.00E18NWNW	IR
6	G	3474	G 3053	0 23.00S32.00E18SWSW	IR
7	G	14707	G 13740	0 23.00S31.00E 1NWNW	IS
8	G	7911	G 7391	0 23.00S31.00E 1NENW	IR
9	G	10437	G 9805	0 23.00S31.00E 1NESE	IS
10	G	9487	G 8968	0 23.00S31.00E 1SESE	IR
11	U	412	U 380	0 23.00S31.00E13SWNW	IS
12	G	5872	G 5603	0 23.00S31.00E13NWSW	IS

\*\*\*\*\*

CONDITIONED WELLS WITHIN 5 MILES OF APPLICATION G 16132

\$RECNO	APPLICATION	PERMIT	LOC-QQ	CONDITION-CODE
1	G	13702	G 12067 22.00S32.00E34NWNW	4IG
1	G	13702	G 12067 22.00S32.00E34NWNW	4IR
2	G	13201	G 11830 23.00S32.00E30NWNW	4IG
2	G	13201	G 11830 23.00S32.00E30NWNW	4IR
3	G	93	G 16 23.00S32.00E29SENE	
3	G	13375	G 11779 23.00S32.00E29SENE	4IG
3	G	13375	G 11779 23.00S32.00E29SENE	4IR
3	U	836	U 731 23.00S32.00E29SENE	

\*\*\*\*\*

APPLICATION G 16132 FALLS WITHIN THESE QUAD(S)

POISON CREEK SLOUGH

\*\*\*\*\*

Application No. 616132  
 Permit No.





WILLIAMS, JOSEPH C. II

This is offered to further clarify what I am trying to accomplish. I have indicated on the enclosed map the acreage for which I am applying for a supplemental water right.

All acreage is located in T23 South, R32 East, Section 7.

LOT 1 (NW ¼ NW ¼)	29.72 Ac.
LOT 2 (SW ¼ NW ¼)	30.50 Ac.
NE ¼ NW ¼	38.90 Ac.
SE ¼ NW ¼	38.40 Ac.
NW ¼ NE ¼	31.70 Ac.
SW ¼ NE ¼	31.20 Ac.
TOTAL	200.42 Ac.

App. No. G-16132

Application No. G16132  
Permit No.

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WATER RESOURCES DEPT  
SALEM, OREGON



Williams, JOSEPH C. #



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

Secondary: 200.42 Acres

List the permit or certificate number of the primary water right:

Cert 14434  
No. Cert 34029

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

- 1. Alfalfa/grain  Full season  Partial season (from: \_\_\_\_\_ 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:

3 acre-feet

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

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

- Daily during daytime hours  Daily during nighttime hours
- Two or three times weekly during daytime  Two or three times weekly during nighttime
- Weekly, during daytime hours  Weekly, during nighttime hours
- Other, explain: \_\_\_\_\_

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WATER RESOURCES DEPT  
SALEM, OREGON

Last revision: October 31, 1996

App. No. G-16132

STATE OF OREGON  
WATER SUPPLY WELL REPORT

APR 30 2004

WELL I.D. # L 60499  
START CARD # 155903

(as required by ORS 537.765)  
Instructions for completing this report are on the back of this form.

WATER RESOURCES DEPT  
COLUMBIANA

(1) LAND OWNER: Name Joe Williams Well Number \_\_\_\_\_  
Address 70785 Old Experiment Rd  
City Burns State OR Zip 97720

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

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

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

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 400 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
10"	0	210	benitanite	0	20	60
6"	210	405	cement grout			
not used for seal						

How was seal placed: Method  A  B  C  D  E  
 Other benitanite was poured & probed

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"	41	210	2.50	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Drive Shoe used  Inside  Outside  None  
Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Flowing Time
20	280	280	1 hr.

Pump  Bailer  Air  Flowing Artesian

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

(9) LOCATION OF WELL by legal description:  
County Harn Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 231 N or S Range 32 E or W. WM.  
Section 7 NW 1/4 NE 1/4  
Tax Lot 1300 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_

(10) STATIC WATER LEVEL:  
30 ft. below land surface. Date 9-3-03  
Artesian pressure \_\_\_\_\_ lb. per square inch Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 225

From	To	Estimated Flow Rate	SWL
225	390	40	40

(12) WELL LOG:

Ground Elevation \_\_\_\_\_

Material	From	To	SWL
topsoil	0	2	
top soil transition	2	5	
clay, brown	5	18	
clay, grey	18	45	
clay, sandy grey	45	120	
clay, grey	120	135	
clay, sandy	135	194	
clay, grey	194	220	
sand, medium	220	227	40
clay, grey	227	265	
clay, with sand	265	281	40
clay, grey	281	330	
gravel, medium	330	334	40
clay, grey	334	391	
sand, fine	391	395	40
clay, grey	395	405	

Date started 8-28-03 Completed 9-4-03

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

(bonded) Water Well Constructor Certification:  
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.  
WWC Number 528  
Signed Daniel P. Merrill Date 12-28-03

Application No. G16132  
Permit No. \_\_\_\_\_



**For Local Government Use Only**

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

**A. Allowed Use**

Check the appropriate box below and provide requested information.

- Land uses to be served by proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s); 3.020. Go to section B "Approval" below
- Land uses to be served by proposed water uses (including proposed construction) involve discretionary land use approvals as listed in the table below.

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

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

**B. Approval**

Please provide printed name and written signature.

Name: Richard H. Jennings Date: 11/7/03  
 Title: Planning Director Phone: \_\_\_\_\_  
 Signature: [Signature] 573-6655

**C. Additional Comments**

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

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

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

**Receipt for Request for Land Use Information**

Name of water right applicant: \_\_\_\_\_

This receipt must be signed by a local government representative and returned to the applicant at the time they present this form. This receipt must be included in the application for a water right permit if the local government cannot provide the requested land use information while the applicant waits.

City or County: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Staff contact: \_\_\_\_\_  
 Signature: \_\_\_\_\_ Date: \_\_\_\_\_

App. No. G-16132

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WATER RESOURCES DEPT  
SALEM, OREGON

**STATE OF OREGON  
WATER RESOURCES DEPARTMENT**

725 Summer St. N.E.  
SALEM, OR 97301-4172  
378-8455 / 378-8130 (FAX)

RECEIPT # **64348**

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

RECEIVED FROM: Joseph C Williams  
BY: \_\_\_\_\_

APPLICATION	G 16132
PERMIT	
TRANSFER	

CASH:  CHECK:#  1902 OTHER: (IDENTIFY)

TOTAL REC'D \$ 700.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

0407	COPIES		\$
	OTHER: (IDENTIFY)		\$
	OTHER: (IDENTIFY)		\$

**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	\$ 700.00	0204 \$
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: **64348**

DATED: 11/17/03 BY: Linda Daepfle

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



STANDARD APPLICATION ROUTE SLIP

RECEIPTING

POST CARD SENT *Handwritten initials*

Date: 11-18-2003

DATA CENTER

GROUND WATER  YES  NO

WATER RIGHTS SUPPORT:

- Labels
- Mark Folder
- Update WaterApps

If reservoir stores more than 9.2 AF and has a dam height of 10 feet or greater, route to:  
**JOHN FALK**  YES  NO

If a municipal or quasi-municipal use, route to:  
**DOUG PARROW**  YES  NO

<input type="checkbox"/> ANITA HUFFMAN	Ext. 60815
<input type="checkbox"/> CORY ENGEL	Ext. 60813
<input checked="" type="checkbox"/> JERRY GAINEY	Ext. 60812 ✓
<input type="checkbox"/> KERRY LEFEVER	Ext. 60816
<input type="checkbox"/> OTHER: _____	

G-16132

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS 97720

G-16132

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS OR 97720

G-16132

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JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS OR 97720

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 # **71661**

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

RECEIVED FROM: Joseph C Williams  
 BY: \_\_\_\_\_

APPLICATION	G16132
PERMIT	
TRANSFER	

CASH:  CHECK:#  2200 OTHER: (IDENTIFY)  \_\_\_\_\_

TOTAL REC'D \$ 250.00

**1083 TREASURY 4170 WRD MISC CASH ACCT**

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

**4270 WRD OPERATING ACCT**

**MISCELLANEOUS**

0407 COPY & TAPE FEES \$  
 0410 RESEARCH FEES \$  
 0408 MISC REVENUE: (IDENTIFY) \_\_\_\_\_ \$  
 TC162 DEPOSIT LIAB. (IDENTIFY) \_\_\_\_\_ \$  
 0240 EXTENSION OF TIME \$

**WATER RIGHTS:**

0201 SURFACE WATER	EXAM FEE	0202	RECORD FEE
0203 GROUND WATER	\$	0204	\$ 250.00
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 \$  
 0210 MONITORING WELLS \$  
 \_\_\_\_\_ OTHER (IDENTIFY) \_\_\_\_\_

CARD #	
CARD #	

**0607 TREASURY 0467 HYDRO ACTIVITY LIC NUMBER**

0233 POWER LICENSE FEE (FWWRD) \$  
 0231 HYDRO LICENSE FEE (FWWRD) \$  
 \_\_\_\_\_ HYDRO APPLICATION \$

**TREASURY OTHER / RDX**

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

RECEIPT: **71661**

DATED: 12/2/04 BY: J. Alben





JOE WILLIAMS  
70785 Old Experiment Rd.  
Burns, OR 97720

RECEIVED

DEC 02 2004

WATER RESOURCES DEPT  
SALEM, OREGON



Oregon Water Resources Dept  
Water Rights Div  
725 Summer St NE Ste. A.  
Salem, OR 97301-1271

97301+1271



G-16132

G-16132

JOSEPH WILLIAMS II  
70785 OLD EXPERIMENT STATION  
BURNS OR 97720