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**MEMORANDUM**

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**TO:** DOUG WOODCOCK, GROUND WATER SECTION MANAGER  
**FROM:** JG HERRY GAINNEY, CERTIFICATE SECTION  
**SUBJECT:** PUMP TEST FOR PERMIT G-15431, APPLICATION G-15484  
**DATE:** 2/26/2008

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

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

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

WELL ID# L62651  
 (START CARD) # 153642

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

(1) OWNER: Well Number: \_\_\_\_\_  
 Name TOM MALLAMS  
 Address P.O. BOX 249  
 City BEATTY State OR Zip 97621

(2) TYPE OF WORK:  
 New Well  Deepening  Alteration (repair/condition)  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 403 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount	
Diameter	From	To	Material	From	To	sacks or pounds	
16	0	123	CEMENT &	0		35 SACKS	
10	123	403	BENTONITE		123	3 SACKS	

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 12	+1	124	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner: NONE				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 124 FT.

(7) PERFORATIONS/SCREENS:

Perforations Method NONE  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Telepipe size	Casing	Liner
NONE						<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Dawdown	Drill stem at	Time
750 GPM		FLOWING	1 hr.

Temperature of Water 53 F Depth Artesian Flow found 48 - 403  
 Was a water analysis done?  Yes  No By whom \_\_\_\_\_  
 Did any strain contain water not suitable for intended use?  Too little  
 Salty  Murky  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: NONE

(9) LOCATION OF WELL by legal description:  
 County KLAMATH Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 35S N or S. Range 12E E or W. of W.M.  
 Section 36C NW 1/4 SW 1/4  
 Tax lot 3700 - Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) 29163 GODDOWA SPRINGS RD. BEATTY, OR

(10) STATIC WATER LEVEL:  
FLOWING ft. below land surface. Date \_\_\_\_\_  
 Artesian pressure 4 lb. per square inch. Date 5/17/03

(11) WATER BEARING ZONES:  
 Depth at which water was first found 31 FT.

From	To	Estimated Flow Rate	SWL
31	39	10 GPM	FLOW
48	56	25 GPM	FLOW
108	114	25 GPM	FLOW
125	403	2000 GPM	FLOW

(12) WELL LOG: Ground elevation 4280

Material	From	To	SWL
TOP SOIL	0	1	
YELLOW CLAY	1	6	
BROWN SAND	6	9	
YELLOW CLAY	9	21	
GRAY CLAY	21	31	
COARSE BLACK SAND	31	39	FLOW
GRAY CLAY	39	48	
BLACK SAND & PUMICE	48	56	FLOW
GRAY CLAY	56	83	
YELLOW CLAYSTONE	83	108	
WHITE PUMICE	108	114	FLOW
YELLOW CLAY	114	125	
BROWN SANDSTONE & PUMICE	125	279	FLOW
GRAY ROCK & PUMICE	279	321	FLOW
BROWN SANDSTONE	321	364	FLOW
WHITE PUMICE	364	403	FLOW

**RECEIVED**

FEB 20 2008

WATER RESOURCES DEPT  
 SALEM OREGON

Date started 5/7/03 Completed 5/14/03

(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 my best knowledge and belief.

Signed \_\_\_\_\_ WWC Number \_\_\_\_\_  
 Date \_\_\_\_\_

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

Signed Stephen R. Henke WWC Number 777  
 Date 5/23/03



# Energy Trust of Oregon/Pacific Power & Light

## Agricultural and Domestic Pump Test Report

Plant Location: Deep Well

GPS Coordinates: Lat 42 N 29.487 Long 121 W 16.251

Test Date: 9/28/2005 Tester: Kevin Poth

CUSTOMER INFORMATION		POWER COMPANY DATA		EQUIPMENT DATA	
Tom Mallams P.O. Box 249 Beatty, OR 97621		<b>PP&amp;L</b>		HP: 60 Make: U.S.	
Phone:		Meter #: 28 336 080		Serial Number:	
Fax:		Rate Schedule:		607-41074721-003R-03	
Cell:		Average Cost: 0.009		Voltage: 460 Amps: 68	
		State Well #:		Pump Type: Turbine	
				Pump Make:	
HYDRAULIC DATA			FLOW DATA		
Standing Level	0.0	ft	Run Number:	1	Of 1
Recovered Level	0.0	ft	Measured Flow	926	gpm
Pumping Water Level	10.0	ft	Customer Flow	0	gpm
Drawdown	0.0	ft	Flow Velocity	1.3	m g/day
Discharge Pressure	90.0	psi	Acre Feet per 24 Hr:		4.1
Discharge Level	207.9	ft	Cubic Feet per Second (CFS):		2.1
Total Lift	217.9	ft			
Well Yield	0.0	gpm/ft			
Water Source	Well				

POWER DATA			
Horsepower Input to Motor:	75.55	Percent of Rated Motor Load (%):	113.9
Kilowatt Input to Motor:	0	Kilowatt Hours per Acre Foot:	330.55
Energy Cost (\$/Hours)	\$0.51	Cost to Pump an Acre Foot:	\$2.97
Name Plate RPM:	1785	Overall Plant Efficiency (%):	67.45
Measured RPM:	0		

### REMARKS

All results are based on conditions during the time of the test. If these conditions vary from the normal operation of your pump, the results shown may not describe the pump's normal performance.

Overall efficiency of this plant is considered to be very good assuming this run represents plant's normal operating condition.

Standing water level based on 5 minutes recovery, well could still be recovering.

This pump has an adequate test section.

This pump did not have a flow meter.

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FEB 20 2008

WATER RESOURCES DEPT  
SALEM, OREGON



# Oregon

Theodore R. Kulongoski, Governor

## Water Resources Department

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

March 5, 2008

Tom Del Santo  
Del Santo Land Surveying & Water Rights  
6501 Scottsbluff Rd  
Klamath Falls, Oregon 97601

RE: Application G-15484, Permit G-15431

Dear Mr. Del Santo,

The Department received the claim of beneficial use site report (COBU) and map for the above referenced application on February 20, 2008. The COBU and map are being returned for deficiencies or discrepancies noted on the enclosed CWRE Claims of Beneficial Use Intake Form. One of the deficiencies or discrepancies noted is the acreage on the map does not identify the acreage claimed to be primary or supplemental as permitted.

The corrected and completed map and form should be returned to the Department within 90 days from the date of this letter or within such additional time as may be approved by request, in writing, to this office.

We look forward to working with you on this project. Please feel free to contact me at 503-986-0812 if you have any questions and I will be happy to address any concerns you may have.

Sincerely,

Jerry Gainey  
Water Rights Specialist, Certificate Section

Enclosures



# 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

June 19, 2009

TOM MALLAMS  
PO BOX 249  
BEATTY OR 97621

GW

The Department has rejected the pump tests for the following permitted well(s):

Application Permit	Permitted Well	Tested Well	Test Date	Test Status	Owner's Well Name
G 15484	G 15431	KLAM 53833	05/31/2003	Rejected	

The test was rejected for the following reasons:

- The discharge rate was not held constant.
- The pump was turned off for a portion of the pumping phase.
- The discharge was not measured at the specified time intervals during the pumping phase of the test.
- Water levels were not measured to an accuracy of 0.1 feet.
- Pre-test static water levels were not measured at the specified intervals.
- Water levels were not measured at the specified time intervals during the test.
- Water levels were not measured during the recovery phase of the test.
- Airline measurements are not allowed if the depth to water is less than or equal to 300 feet.
- Airline measurements were not verified by an electric tape measurement.
- Test data and the supporting documentation were not reported on the Department's forms.
- A graph indicates that the data is probably corrupt.
- Rising water levels during some or all of the pumping phase of the test indicate that the pumping rate was not held constant or that water-level measurements are inaccurate.

A copy of the Oregon Administrative Rules (OAR 690-217) that pertain to the deficiencies with your pump test are included with this letter. The following related materials can also be found on our web site at:

Pump test administrative rules: [http://arcweb.sos.state.or.us/rules/OARS\\_600/OAR\\_690/690\\_217.html](http://arcweb.sos.state.or.us/rules/OARS_600/OAR_690/690_217.html)

A booklet explaining pump tests: [http://www1.wrd.state.or.us/pdfs/pump\\_test.pdf](http://www1.wrd.state.or.us/pdfs/pump_test.pdf)

Pump Test Cover Sheet: [http://www1.wrd.state.or.us/pdfs/pump\\_test\\_cover\\_.pdf](http://www1.wrd.state.or.us/pdfs/pump_test_cover_.pdf)

Pump Test Data Sheet: [http://www1.wrd.state.or.us/pdfs/pump\\_test\\_data.pdf](http://www1.wrd.state.or.us/pdfs/pump_test_data.pdf)

Please contact me if you have any questions about the status of your test. Please call Gerry Clark at 503-986-0811 if you have any questions about how this action may affect the status of your water right.

Sincerely yours,

Jerry Grondin  
Ground Water/Hydrology Section

cc: GW Pump Test File

PRR 915424

# 2002

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

USER-ID 29384

# 2003



Facility <input type="checkbox"/>	<i>well</i>				
POD-ID <input type="checkbox"/>					
October - 2002					
November - 2002					
December - 2002					
January - 2003	<i>New this year</i>				
February - 2003					
March - 2003					
April - 2003					
May - 2003	<i>35 AF</i>				
June - 2003	<i>35</i>				
July - 2003	<i>35</i>				
August - 2003	<i>35.8</i>				
September - 2003	<i>35</i>				
TOTAL *	<i>175.861 AF</i>				

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

Describe method of measuring the water used: *Meter*. If use is irrigation, total number acres irrigated *135*

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

\_\_\_\_\_  
Signature Title Reporting Entity Date

Name - Please Print  
*Tom Mallamo* *phoned 3-5-04 -MG*

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

Permit # G15431

App. # G15484

USER-ID 29384

# 2003

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

# 2004



Facility <input type="checkbox"/>					
POD-ID <input type="checkbox"/>	61546				
October - 2003					
November - 2003					
December - 2003					
January - 2004					
February - 2004					
March - 2004					
April - 2004	62				
May - 2004	62				
June - 2004	12				
July - 2004	62				
August - 2004	65.6				
September - 2004	62				
TOTAL *	375.8AF				

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

Describe method of measuring the water used: Flow Meter. If use is irrigation, total number acres irrigated 140.4  
I certify this information is true and accurate to the best of my knowledge.

Tom Mallam  
Signature

OWNER  
Title

25 NOV 04  
Reporting Entity Date

TOM MALLAMS  
Name - Please Print

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





PERMIT # G15431  
APP.# G15484

USER-ID 29384

2005

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

2006



Facility # POD-ID					
October - 2005	○ AF				
November - 2005	○				
December - 2005	○				
January - 2006	○				
February - 2006	○				
March - 2006	○				
April - 2006	50.676 AF				
May - 2006	44,288				
June - 2006	22.613				
July - 2006	96.848				
August - 2006	108.236				
September - 2006	50.326				
TOTAL *	372.987				

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

Describe method of measuring the water used: FLO-METER If use is irrigation, total number acres irrigated 140.4

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

Tom Mallams  
Signature

OWNER  
Title

Reporting Entity

7 NOV 06  
Date

TOM MALLAMS  
Name - Please Print

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

RECEIVED

NOV 09 2006

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

October 30, 2006

TOM MALLAMS,  
MALLAMS, BEV  
PO BOX 249  
BEATTY, OR 97621

REFERENCE: USER\_ID 29384

Dear Water User:

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

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

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

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

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

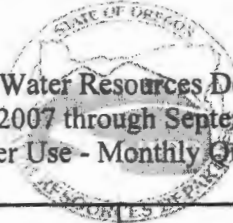
Yours truly,

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

app 61 - 15484 (permit 61 - 15431)

# 2007

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



USER-ID 29384

# 2008

Facility →					
Report ID →	413910 ✓				
October - 2007					
November - 2007					
December - 2007					
January - 2008					
February - 2008					
March - 2008					
April - 2008					
May - 2008					
June - 2008					
July - 2008					
August - 2008					
September - 2008					
Total *	337.003 AF				

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APR 17 2009

WATER RESOURCES DEPT  
SALEM, OREGON

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

Describe the method of measurement used: FLOW METER If used for irrigation, total number of acres irrigated: 140.4

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

Tom Mallams  
Signature

OWNER  
Title

Reporting Entity

11 NOV 08  
Date

TOM MALLAMS  
Name

P.O. BOX 249 BEATTY, ORE 97621  
Mailing Address

541-533-2580  
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 Street NE, Suite A  
Salem, OR 97301-1271  
503-986-0900  
FAX 503-986-0904

November 25, 2013

TOM & BEV MALLAMS  
BROKEN BOX RANCH  
PO BOX 249  
BEATTY OR 97621

GW

The Department has accepted the pump test results for the following permitted well(s):

Application	Permit	Permitted Well	Tested Well	Test Date	Test Status	Exemption	Owner's Well Name
G	15484 G	15431 KLAM 53833	KLAM 53833	04/30/2013	Approved	None	L-62651

Please contact me if you have any questions.

Sincerely,

Karl Wozniak  
Ground Water/Hydrology Section

cc: GW Pump Test File

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**MEMORANDUM**

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TO: IVAN GALL, MANAGER, GROUND WATER SECTION  
FROM: CERTIFICATE SECTION - CONNIE VANCE  
SUBJECT: PUMP TEST FOR PERMIT G-15431 APPLICATION G-15484                      DATE: 5/10/2013

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: Tom & Bev Mallams  
 Address: P.O. Box 249  
 County: Klamath  
 City: Beatty State: OR Zip: 97621-0000  
 Original owner (from well log): same

**Well Location:**

Township: 35 S Range: 12 E  
 Section: 35 ¼: NW <sup>1/16</sup> SW <sup>1/64</sup>: NW  
 Well depth: 403.0 Date drilled: 5/2003  
 Owners well no. (if any): \_\_\_\_\_  
 POD ID: KLAM 53833

**Water Right Information:**

Application: G-15484 Permit: G-15431 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: Douglas Adkins Well Owner?  Yes  
 Company: Adkins Consulting Engineering, LLC  
 Address: 2950 Shasta Way Date of Test: 04/30/2013  
 City: Klamath Falls State: OR Zip: 97603  
 Daytime phone: 541-884-4666

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: No wells observed operating  
 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 ¼ 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) 1/4" nipple 2.42' above slab. Also 1" access hole, east side discharge head, 1.58' above slab; slab is 0.25' above grade  
 Measuring point distance above land surface 2.67 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	HEIGHT OF ABOVE		HEIGHT OF ABOVE	
	Depth to water below	meas. point	Depth to water below	land surface
<u>10:00 am</u>		<u>12.00 (5.2 PSI)</u>		<u>14.70</u>
<u>10:20 am</u>		<u>12.00 (5.2 PSI)</u>		<u>14.70</u>
<u>10:40 am</u>		<u>12.00 (5.2 PSI)</u>		<u>14.70</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>11:30 am</u>	<u>1,140.00</u>	<u>gpm (gallons per minute)</u>
<u>12:00 pm</u>	<u>1,075.00</u>	<u>gpm (gallons per minute)</u>
<u>1:00 am</u>	<u>1,080.00</u>	<u>gpm (gallons per minute)</u>
<u>2:00 am</u>	<u>1,069.00</u>	<u>gpm (gallons per minute)</u>
<u>3:00 am</u>	<u>1,069.00</u>	<u>gpm (gallons per minute)</u>

Time pump turned on: Date 05/30/2013 Time 11:00 am  
 Time pump turned off: Date 05/30/2013 Time 3:11 am  
 Total pumping time: 4 hours 11 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: *Douglas Adkins*

RECEIVED BY OWRD

MAY 06 2013

SALEM, OR





May 1, 2013

Oregon Water Resources Department  
Mr. Gerry Clark  
725 Summers St., N.E., Suite A  
Salem, Oregon 97301-1266

RECEIVED BY OWRD  
MAY 06 2013  
SALEM, OR

RE: Pump test for Tom & Bev Mallams,  
App. G-15484, Permit G-15431

Dear Gerry:

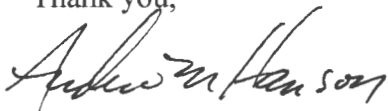
Enclosed please find the following documents in support of Application G-15484:

- Oregon Water Resources Department "Pump test Form Cover Sheet"
- Oregon Water Resources Department "Pump Test Data Sheet"
- Well log for KLAM 53833

The above listed items are being submitted to complete the OWRD Final Proof and COBU requirements for Application G-15484, Permit G-15431 for Tom and Bev Mallams.

Should you require additional information, please feel free to contact me.

Thank you,



Andrew M. Hanson

Encl:

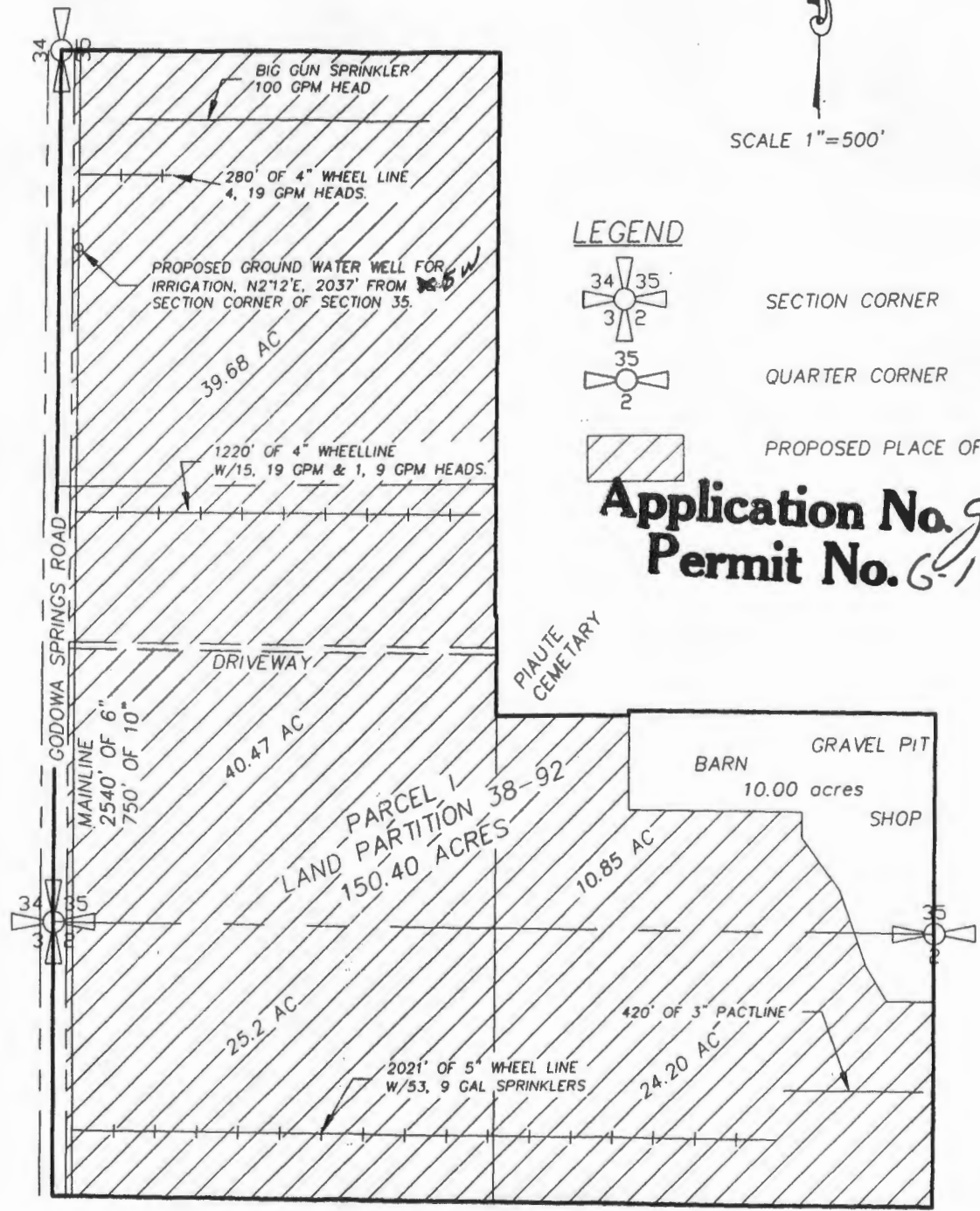
cc: Tom Mallams  
file 3147-01

Delivered via: UPS

**EXHIBIT MAP FOR TOM & BEV MALLAMS  
GROUND WATER APPLICATION  
LOCATED IN SECTION 35 T35S  
& SECTION 2, T36S, R12E WM  
IN THE KLAMATH RIVER BASIN**



SCALE 1"=500'



LEGEND



SECTION CORNER

QUARTER CORNER



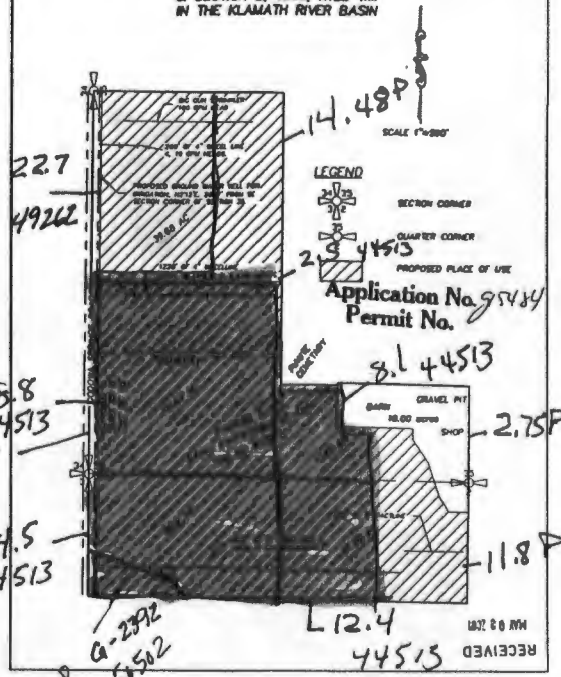
PROPOSED PLACE OF USE

**Application No. 95484**  
**Permit No. G-15431**

MAY 03 2001

RECEIVED

EXHIBIT MAP FOR TOM & BEV MALLAMS  
GROUND WATER APPLICATION  
LOCATED IN SECTION 35 T35S  
& SECTION 2, T36S, R12E WM  
IN THE KLAMATH RIVER BASIN



Covered P  
under C-55502  
0.7 Ac

Work Copy

Scale 1" = 1320'  
APPROXIMATE

JWG  
10/31/01

	PRIMARY	SUPPLEMENTAL
T35S, R12E, Sec 35		
NW SW	14.48	2x5.2
SW SW	1.67	38.8
SE SW	2.75	8.1
T36S, R12E, Sec 2		
NE NW	11.8	12.4
NW NW		<del>25.2</del> 24.5

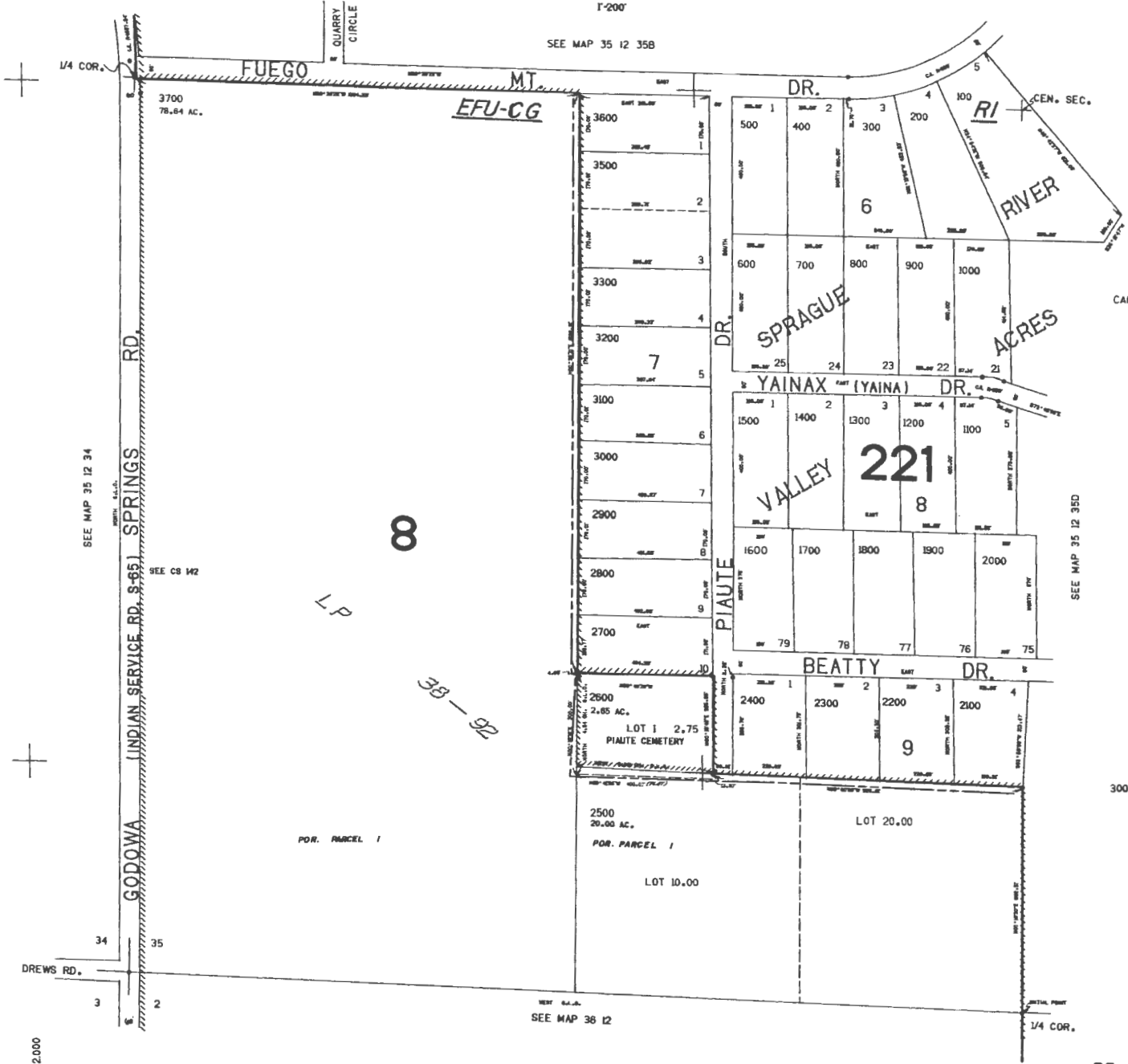
THIS MAP WAS PREPARED FOR  
ASSESSMENT PURPOSE ONLY

SW1/4 SEC. 35 T.35S. R.12E. W.M.  
KLAMATH COUNTY

35 12 35C

1"=200'

SEE MAP 35 12 35B



CANCELLED NO.  
3400

SEE MAP 35 12 35D

300,000

SEE MAP 36 12

35 12 35C

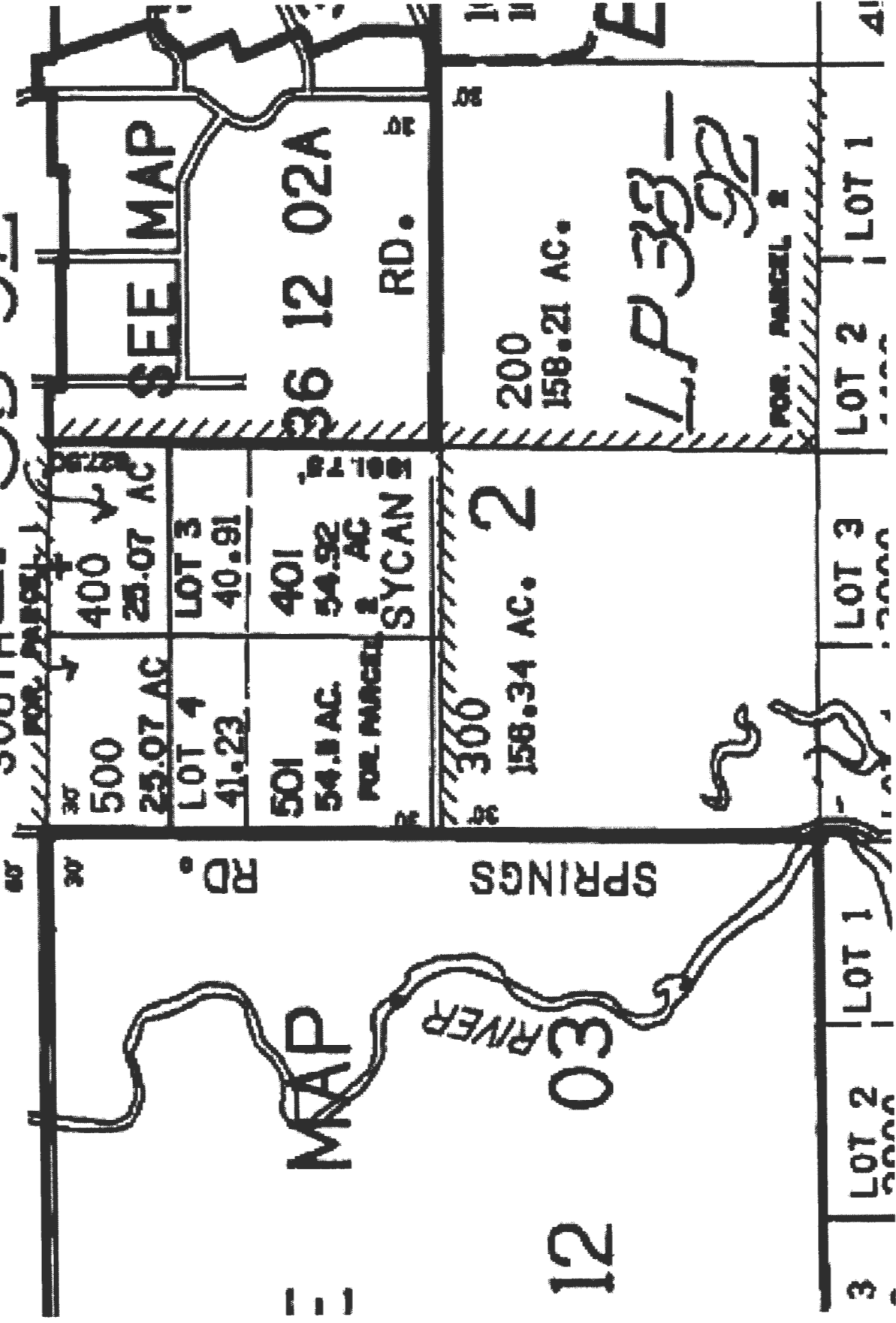
L792.000

SEE MAP 35 12

# COUNTY

SEE MAP 35 12

SOUTH LP 38-92

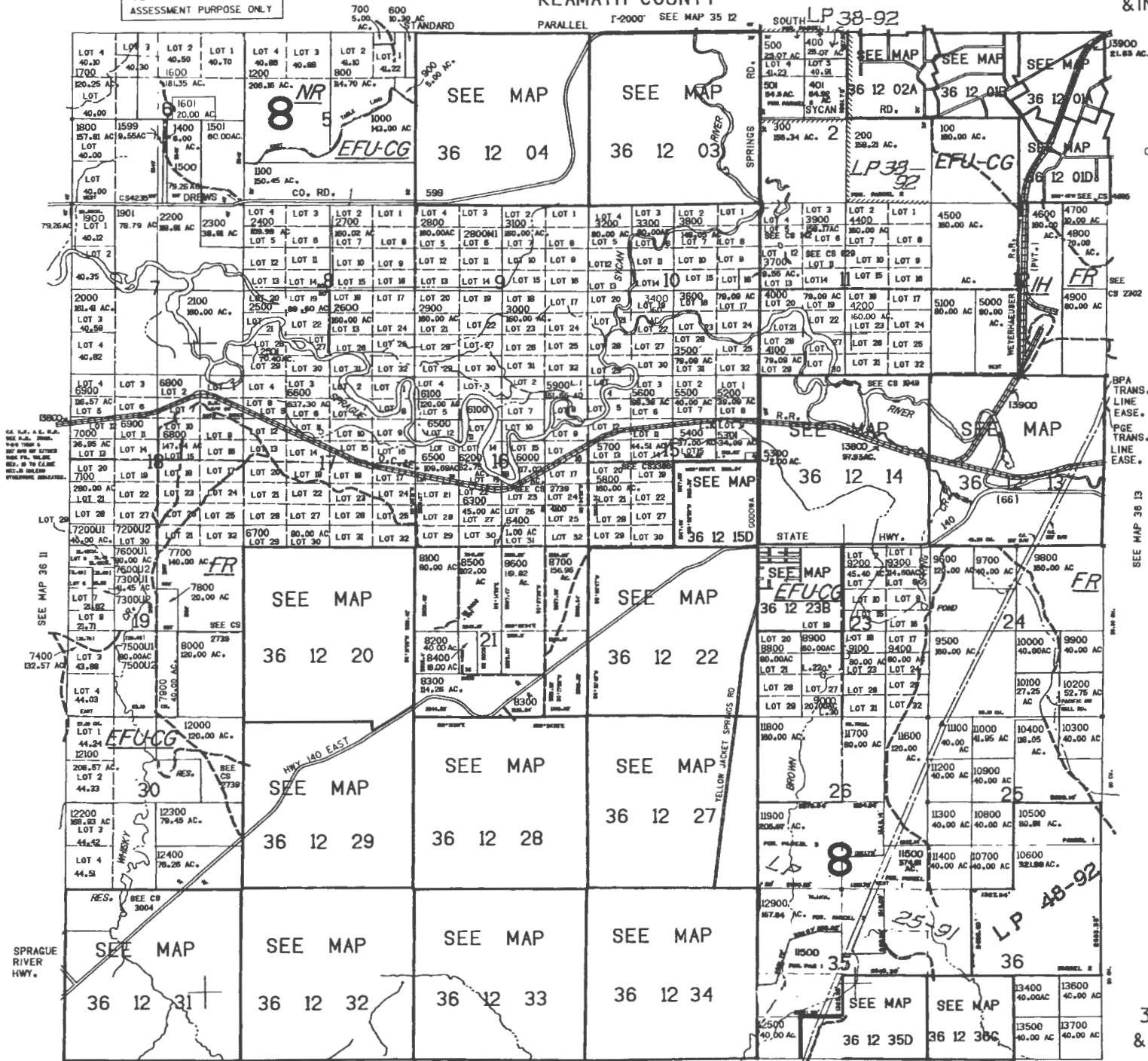


REVISED 4-2-08

THIS MAP WAS PREPARED FOR ASSESSMENT PURPOSE ONLY

T.36S. R.12E. WM. KLAMATH COUNTY

36 12 & INDEX



CANCELLED NO.  
12600  
12700  
4300

BPA TRANS.  
LINE  
EASE.

EPGE TRANS.  
LINE  
EASE.

SEE MAP 36 13

SEE MAP 36 14

SEE MAP 36 15

SEE MAP 36 16

SEE MAP 36 17

SEE MAP 36 18

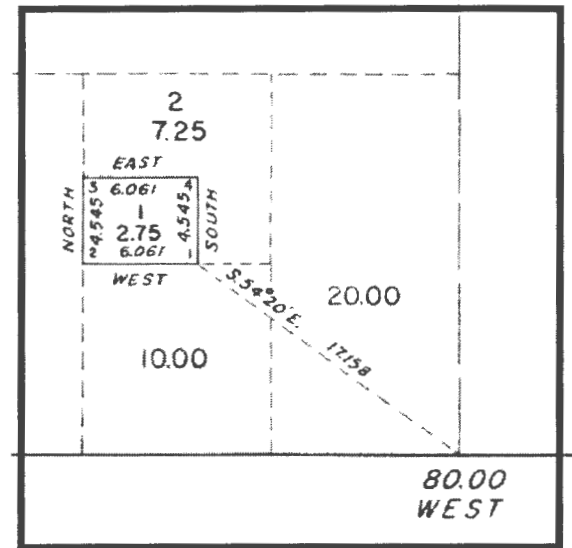
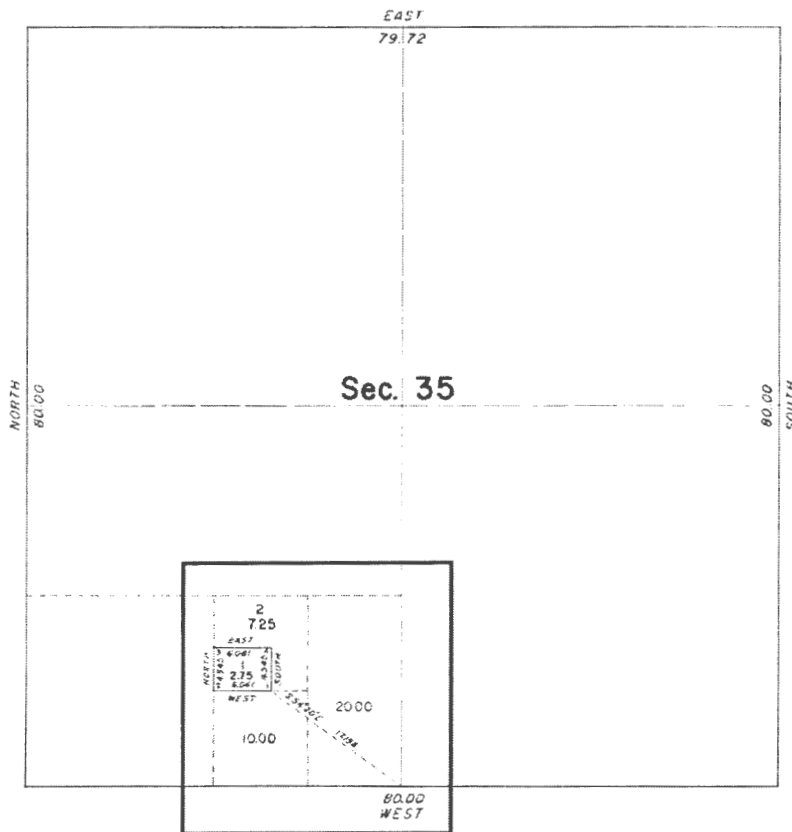
270.00C  
36 12 & INDEX

SEE MAP 37 12

SEE CS 2800  
A 2700

TOWNSHIP 35 SOUTH, RANGE 12 EAST, OF THE WILLAMETTE MERIDIAN, OREGON.

SUPPLEMENTAL PLAT  
PIAUTE CEMETERY  
LOT 1



This plat showing legal designation and area for the tract of land surveyed as Piaute cemetery and its segregation in section 35, T. 35 S., R. 12 E., Willamette Mer., Oregon, is based upon the plat approved December 27, 1866, and December 22, 1960.



UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Washington, D.C. February 9, 1961

This plat, showing amended lottings, is based upon the official records, and having been correctly prepared in accordance with the regulations, is hereby accepted.

For the Director  
*James O. Cleveland*  
Cadastral Engineering Staff Officer

\* - - Property Data Selection Menu - -  
 Owner: MALLAMS THOMAS W & BEVERLY  
 Prop ID : R351808 (Real Estate) (33565) P O BOX 249  
 Map Tax Lot: R-3612-00000-00400-000 BEATTY, OR 97621  
 Legal : TWP 36 RNGE 12, BLOCK SEC 2, TRACT  
 N 827.50' OF GOV LOT 3, ACRES\*

---

Situs : Year Built : 1993  
 Living Area: 1890  
 Name(s) : 2014 Roll Values  
 Area : 008 RMV Land Non-LSU \$ 5,300 (+)  
 Sale Info : RMV Land LSU \$ 39,890 (+)  
 Deed Type : RMV Improvements \$ 69,650 (+)  
 Instrument: M78-16111 RMV Total \$ 114,840 (=)  
 2014 Tax Status \* No Taxes Due \* Land LSU \$ 6,280  
 Current Levied Taxes : 644.15 Total Exemptions \$ 0  
 Special Assessments : 66.25 M5 Net Value \$ 86,440  
 M50 Assd Value \$ 81,230

(AD) Alt Disp	(Y) primary	(SE) condary	(L) and/Impr
(G) en Appr	(O) wnership	(H) istory	(.) More

Enter Option from Above or <RET> to Exit: \_\_



\* - - Property Data Selection Menu - -  
 Owner: MALLAMS THOMAS W & BEVERLY  
 Prop ID : R351817 (Real Estate) (33565) P O BOX 249  
 Map Tax Lot: R-3612-00000-00500-000 BEATTY, OR 97621  
 Legal : TWP 36 RNGE 12, BLOCK SEC 2, TRACT  
 N 827.50' OF GOV LOT 3, ACRES\*

---

Situs : Year Built :  
 Name(s) : Living Area:  
 Area : 008 2014 Roll Values  
 RMV Land Non-LSU \$ 0 (+)  
 Sale Info : RMV Land LSU \$ 31,610 (+)  
 Deed Type : RMV Improvements \$ 0 (+)  
 Instrument: M78-16111 RMV Total \$ 31,610 (=)  
 2014 Tax Status \* No Taxes Due \* Land LSU \$ 7,110  
 Current Levied Taxes : 56.40 Total Exemptions \$ 0  
 Special Assessments : M5 Net Value \$ 25,950  
 M50 Assd Value \$ 7,110

(AD) Alt Disp	(Y) primary	(SE) condary	(L) and/Impr
(G) en Appr	(O) wnership	(H) istory	(.) More

Enter Option from Above or <RET> to Exit: \_\_

\* - - Property Data Selection Menu - -  
 Owner: MALLAMS THOMAS W & BEVERLY  
 Prop ID : R294265 (Real Estate) (33565) P O BOX 249  
 Map Tax Lot: R-3512-035C0-02500-000 BEATTY, OR 97621  
 Legal : TWP 35 RNGE 12, BLOCK SEC 35, TRACT  
 S2SE4SW4, ACRES 20.00, POTENTIAL\*

---

Situs : 29163 GODOWA SPRINGS RD Year Built :  
 BEATTY, OR 97621 Living Area:  
 Name(s) : 2014 Roll Values  
 Area : 008 RMV Land Non-LSU \$ 0 (+)  
 Sale Info : RMV Land LSU \$ 15,680 (+)  
 Deed Type : 05 RMV Improvements \$ 28,470 (+)  
 Instrument: M78-16111 RMV Total \$ 44,150 (=)  
 2014 Tax Status \* No Taxes Due \* Land LSU \$ 1,520  
 Current Levied Taxes : 119.75 Total Exemptions \$ 0  
 Special Assessments : 66.25 M5 Net Value \$ 33,290  
 M50 Assd Value \$ 15,100

(AD) Alt Disp	(Y) primary	(SE) condary	(L) and/Impr
(G) en Appr	(O)wnership	(H) istory	(.) More

Enter Option from Above or <RET> to Exit: \_\_

\* - - Property Data Selection Menu - -  
 Owner: MALLAMS THOMAS W & BEVERLY  
 Prop ID : R294372 (Real Estate) (33565) P O BOX 249  
 Map Tax Lot: R-3512-035C0-03700-000 BEATTY, OR 97621  
 Legal : TWP 35 RNGE 12, BLOCK SEC 35, TRACT  
 W2SW4, ACRES 78.64, POTENTIAL\*

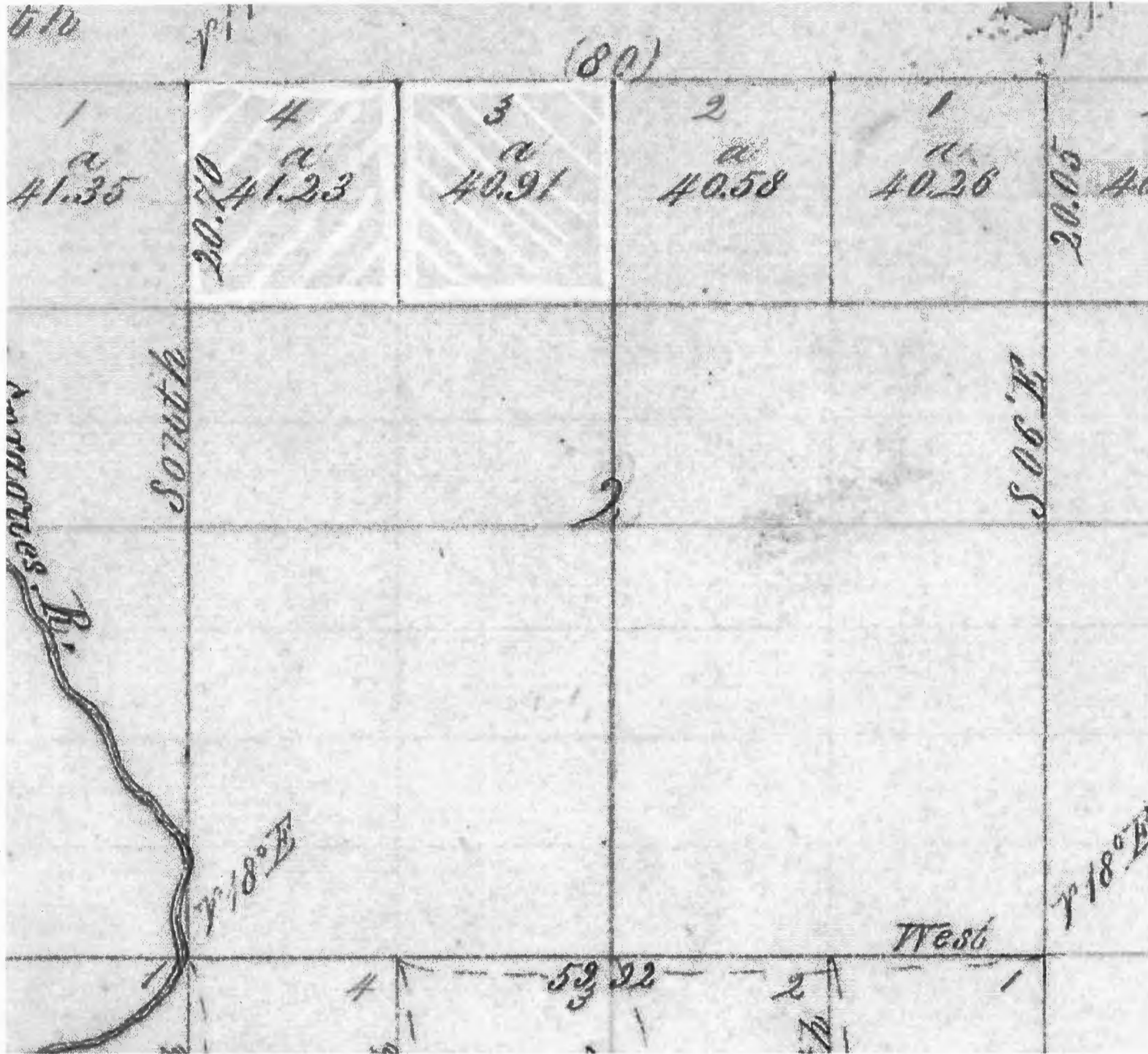
---

Situs : Year Built :  
 Name(s) : Living Area:  
 Area : 008 2014 Roll Values  
 Sale Info : RMV Land Non-LSU \$ 0 (+)  
 Deed Type : 05 RMV Land LSU \$ 63,320 (+)  
 Instrument: M78-14207 RMV Improvements \$ 1,400 (+)  
 2014 Tax Status \* No Taxes Due \* RMV Total \$ 64,720 (=)  
 Current Levied Taxes : 58.13 Land LSU \$ 7,330  
 Special Assessments : 66.25 Total Exemptions \$ 0  
 M5 Net Value \$ 23,140  
 M50 Assd Value \$ 7,330

(AD) Alt Disp	(Y) primary	(SE) condary	(L) and/Impr
(G)en Appr	(O)wnership	(H)istory	(.) More

Enter Option from Above or <RET> to Exit: \_\_

T 36 S R 12 E Section 2





### Water Rights Platcard Report

Meridian: Willamette Township: 36 South Range: 12 East Section: 2 Records per 999 Page: Search Platcards Maps Learn about View Map

*RR*

*RR*

*\**

Water Right	Changing Xfers	Priority	Use	Use Status	DLC	Gov't Lot	Q(40): Q(100)	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	Unkwnn QQ
Select Permit: <b>G 15431 *</b> Additional Info: TOM MALLAMS App: G15484 Permit: G15431		5/3/2001	SUPPLEMENTAL IRRIGATION (Suppl'mnt)									12.4	24.5											
Select Cert: <b>83140 OR *</b> Additional Info: THOMAS MALLAMS App: S59250 Permit: S44513 Cert: 83140		8/22/1979	IRRIGATION			4							24.5											
Select Cert: <b>34898 OR CN</b> Additional Info: L.L. CRAWFORD App: G2580 Permit: G2392 Cert: 34898		4/2/1963	IRRIGATION	CN		4							17.2											
Select Cert: <b>50502 RR *</b> Additional Info: L L CRAWFORD App: G2580 Permit: G2392 Cert: 50502		4/2/1963	IRRIGATION			4							14.4											
Select Permit: <b>G 15431 *</b> Additional Info: TOM MALLAMS App: G15484 Permit: G15431		5/3/2001	IRRIGATION									11.8	0.7											
Select Cert: <b>34898 OR CN</b> Additional Info: L.L. CRAWFORD App: G2580 Permit: G2392 Cert: 34898		4/2/1963	IRRIGATION	CN		3							2.3											
Select Cert: <b>34898 OR CN</b> Additional Info: L.L. CRAWFORD App: G2580 Permit: G2392 Cert: 34898		4/2/1963	IRRIGATION	CN									38	18.4	37.2	38	19.2	40	13.7	25	40	38.6		
Select Cert: <b>50502 RR *</b> Additional Info: L L CRAWFORD App: G2580 Permit: G2392 Cert: 50502		4/2/1963	IRRIGATION										38	18.4	37.2	38	19.2	40	13.7	25	40	38.6		
Select Cert: <b>50502 RR *</b> Additional Info: L L CRAWFORD App: G2580 Permit: G2392 Cert: 50502		4/2/1963	IRRIGATION			3							2.1											
Select Cert: <b>67720 OR *</b> Additional Info: BERT H GOFF App: G9692 Permit: G9030 Cert: 67720		4/21/1980	SUPPLEMENTAL IRRIGATION (Suppl'mnt)												28.5	38.1	8.1	15.1						
Select Claim: <b>KA 658 *</b> Additional Info: U.S. BUREAU OF INDIAN AFFAIRS Claim: KA658			ANADROMOUS AND RESIDENT FISH HABITAT																					
Select Claim: <b>KA 658 *</b> Additional Info: U.S. BUREAU OF INDIAN AFFAIRS Claim: KA658			INSTREAM USES																					
Select Claim: <b>KA 658 *</b> Additional Info: U.S. BUREAU OF INDIAN AFFAIRS Claim: KA658			RIPARIAN HABITAT (INSTREAM)																					
Select Cert: <b>83122 OR *</b> Additional Info: ARTHUR ABROTT App: G10624 Permit: G9733 Cert: 83122		1/7/1982	IRRIGATION											2.1						24.4	14		0.8	
Select Cert: <b>83140 OR *</b> Additional Info: THOMAS MALLAMS App: S59250 Permit: S44513 Cert: 83140		8/22/1979	IRRIGATION			3							12.4											

*Underlyings*



# Water Use Report Based on Water Right

excel  
text

Permit: G 15431 \*

MALLAMS, TOM PO BOX 249 BEATTY, OR 97621

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>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	40.65	40.65	40.65	40.65	40.65	40.65	243.92	141.00
2013	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	39.96	39.96	39.96	39.96	39.96	39.96	239.75	
2012	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	54.37	54.37	54.37	54.37	54.37	54.37	326.20	
2011	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	48.12	48.12	48.12	48.12	48.12	48.12	288.72	
2009	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	48.65	48.65	48.65	48.65	48.65	48.65	291.90	
2008	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	56.16	56.16	56.16	56.16	56.16	56.20	337.00	
2007	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	65.74	65.74	65.74	65.74	65.74	65.74	394.44	
2006	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	50.68	44.29	22.61	96.85	108.24	50.33	372.99	
2005	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	50.82	50.82	50.82	50.82	50.82	50.82	304.92	
2004	<u>61396</u>	A WELL (KLAM 53833/L-62651)	0.00	0.00	0.00	0.00	0.00	0.00	62.00	62.00	62.00	62.00	65.80	62.00	375.80	

\*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.

**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

---

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

---

HP = 60  
Efficiency = 7.04  
Lift = 29.5  
PSI = 90

**Results Calculated**

---

$(hp)(\text{efficiency}) = 422.4$   
Head based on psi = 228.6  
Total dynamic head = 258.1  
(head + lift)

**Pump Capacity = 1.636 cubic feet per second = 1.8 CFS (claim)**



Rainbird Nozzle Size Reference

<u>Nozzle #</u>	<u>Size (in)</u>
4	1/16
5	5/64
6	3/32
7	7/64
8	1/8
9	9/64
10	5/32
11	11/64
12	3/16
13	13/64
14	7/32
15	15/64
16	1/4
17	17/64
18	9/32
20	5/16
22	11/32
24	3/8
26	13/32
28	7/16
30	15/32
32	1/2
34	17/32
36	9/16
40	5/8
44	11/16

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

Application # <u>G-15484</u>	Permit # <u>G-15431</u>	Transfer #
WRD Reviewer <u>Scott Grew</u>	Date <u>7-28-2015</u>	
WRD Peer Reviewer <u>Wayne</u>	Date <u>7/30/15</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 Taxlots 3900, 3900, 400, 2500  
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
- 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

- NA Fish Conditions
- YES Meter/measuring device installed 5-31-03
- YES Water Use Reporting see attached
- YES Pump Test (post December 19, 1988) accepted pump test 11-25-13
- NA Other Conditions \_\_\_\_\_
- NA SWL
- YES C-Date October 1, 2007 claim states that field survey was completed on 10/13/07. OK
- Run Capacity Calculator and Print Findings (for pump, sprinklers, pipes, ditches, as appropriate)

**NOTES:**

Maximum rate on pump is 1.8 cfs - yes, but measured pump capacity is 912.5 gpm (2.03 cfs). They get to retain full rate @ 2.0 cfs (see work copy of claim)



STATE OF OREGON

COUNTY OF KLAMATH

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

TOM AND BEV MALLAMS  
PO BOX 249  
BEATTY, OREGON 97621

(541) 533-2580

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

APPLICATION FILE NUMBER: G-15484

SOURCE OF WATER: A WELL IN SYCAN RIVER BASIN

PURPOSE OR USE: PRIMARY IRRIGATION OF 31.4 ACRES AND SUPPLEMENTAL IRRIGATION OF 109.0 ACRES

*(140.4 ac)(1/80) = 1.755 CFS*

MAXIMUM RATE: 2.0 CUBIC FEET PER SECOND

PERIOD OF USE: APRIL 1 THROUGH OCTOBER 31

DATE OF PRIORITY: MAY 3, 2001

WELL LOCATION: NW 1/4 SW 1/4, SECTION 35, T35S, R12E, W.M.; NORTH 2 DEGREES 12 MINUTES EAST, 2037 FEET FROM SW CORNER, SECTION 35

*2224 FEET NORTH AND 62.5 FEET EAST FROM SW CORNER, SECTION 35*

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

THE PLACE OF USE IS LOCATED AS FOLLOWS:

	PRIMARY	SUPPLEMENTAL
<i>CB3140 P 38.80 +</i>	NW 1/4 SW 1/4 14.48 ACRES ✓	25.20 ACRES ✓
	SW 1/4 SW 1/4 1.67 ACRES ✓	38.80 ACRES ✓
<i>= 40.47 ac over 40 ac</i>	SE 1/4 SW 1/4 2.75 ACRES (GLOT 9) ✓	8.10 ACRES ✓ (GLOT 10)

SECTION 35

TOWNSHIP 35 SOUTH, RANGE 12 EAST, W.M.

	PRIMARY	SUPPLEMENTAL
GLOT 3	NE 1/4 NW 1/4 11.80 ACRES ✓	12.40 ACRES ✓
GLOT 4	NW 1/4 NW 1/4 0.70 ACRE ✓	24.50 ACRES ✓

SECTION 2

TOWNSHIP 36 SOUTH, RANGE 12 EAST, W.M.

Application G-15484

Water Resources Department

PERMIT G-15431

*31.4*

*109*

Measurement, recording and reporting conditions:

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

YES  
5/31/03  
meter

YES  
Reports

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

**STANDARD CONDITIONS**

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

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

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



Prior to receiving a certificate of water right, the permit holder shall submit the results of a pump test meeting the department's standards, to the Water Resources Department. The Director may require water level or pump test results every ten years thereafter. YES - 11/25/13

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

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

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

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

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

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

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

Issued May 22, 2003

  
Paul R. Cleary, Director  
Water Resources Department

Application G-15484      Water Resources Department  
Basin 14                      Volume 2A SYCAN R BL SYCAN MARSH  
gaineyjw- WEEK 375

PERMIT G-15431  
District 17

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

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

# UNDERLYING PRIMARY

STATE OF OREGON

COUNTY OF KLAMATH

## CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

THOMAS W AND BEVERLY S MALLAMS  
 PO BOX 249  
 BEATTY OR 97621

confirms the right to use the waters of the SYCAN RIVER, a tributary of the Sprague River, for IRRIGATION of 22.7 ACRES.

This right was perfected under Permit S-49262. The date of priority is FEBRUARY 15, 1985. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 0.50 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the point of diversion.

The point of diversion is located as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Survey Coordinates
36 S	12 E	WM	3	NW NE	2		70 FEET SOUTH AND 1930 FEET WEST FROM NE CORNER, SECTION 3

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

A description of the place of use to which this right is appurtenant is as follows:

IRRIGATION							
Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Acres
35 S	12 E	WM	35	NW SW			22.7

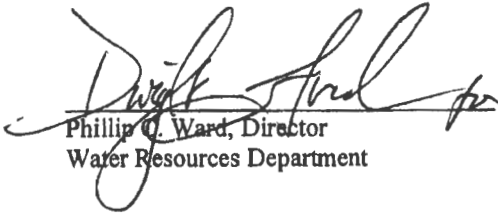
The use of water allowed herein may be made only at times when sufficient water is available to satisfy all prior rights, including prior rights for maintaining instream flows.

### 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. Any petition for judicial review must be filed within the 60-day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. 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 at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

In the event that rights are determined in the Klamath Adjudication for the lands, source, and use(s) involved in this right, the Department will, following review of the rights, proceed to modify or cancel those portions of this right duplicated by the decreed right.

WITNESS the signature of the Water Resources Director, affixed FEB 1 6 2007.



Phillip C. Ward, Director  
Water Resources Department

# UNDERLYING PRIMARY

STATE OF OREGON

COUNTY OF KLAMATH

## CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

THOMAS W AND BEVERLY S MALLAMS  
PO BOX 249  
BEATTY OR 97621

confirms the right to use the waters of the SYCAN RIVER, a tributary of the Sprague River, for IRRIGATION of 86.3 ACRES.

This right was perfected under Permit S-44513. The date of priority is AUGUST 22, 1979. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 1.89 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the point of diversion.

The point of diversion is located as follows:

Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Survey Coordinates
36 S	12 E	WM	3	NW NE	2		70 FEET SOUTH & 1930 FEET WEST FROM NE CORNER, SECTION 3

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

A description of the place of use to which this right is appurtenant is as follows:

IRRIGATION							
Twp	Rng	Mer	Sec	Q-Q	GLot	DLC	Acres
35 S.	12 E	WM	35	NW SW			2.5
35 S	12 E	WM	35	SW SW			38.8
35 S	12 E	WM	35	SE SW			8.1
36 S	12 E	WM	2	NE NW	3		12.4
36 S	12 E	WM	2	NW NW	4		24.5

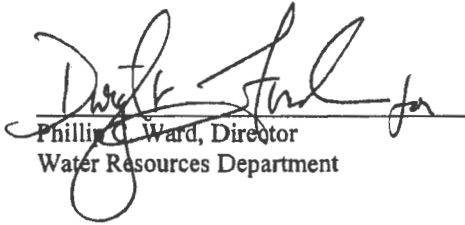
### NOTICE OF RIGHT TO PETITION FOR RECONSIDERATION OR JUDICIAL REVIEW

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In the event that rights are determined in the Klamath Adjudication for the lands, source, and use(s) involved in this right, the Department will, following review of the rights, proceed to modify or cancel those portions of this right duplicated by the decreed right.

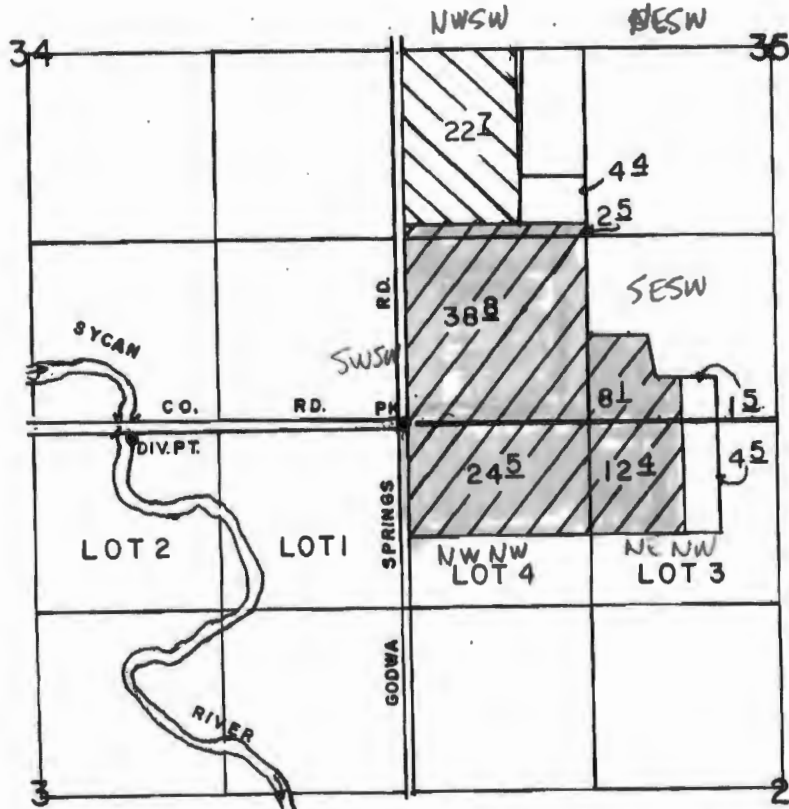
The use of water allowed herein may be made only at times when sufficient water is available to satisfy all prior rights, including prior rights for maintaining instream flows.

WITNESS the signature of the Water Resources Director, affixed FEB 16 2007

  
Phillip C. Ward, Director  
Water Resources Department

# UNDERLYING PRIMARY

T.35&36S.,R.12E.,W.M.



DIV. PT. LOC: 70'S. & 1930' W. FROM NE COR. OF SEC 3.

SCALE: 1" = 1320'

## FINAL PROOF SURVEY UNDER

Application No. 59250 68278.. Permit No. 44513 49262...  
IN NAME OF

THOMAS W. MALLAMS & BEVERLY S. MALLAMS

Surveyed JUNE 11 1991., by B. W. BISHOP.

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@wr.d.state.or.us](mailto:Gerald.E.CLARK@wr.d.state.or.us) or by phone at 503-986-0811,

Or Jerry Gainey by e-mail at [Jerry.W.GAINEY@wr.d.state.or.us](mailto:Jerry.W.GAINEY@wr.d.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.wr.d.state.or.us/programs/index.shtml>.

\*\*This box can be deleted

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

*Work Copy*

## 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)
G - 15484	G - 15431

2. Property owner (current owner information)

a. Individuals

Name	Tom Mallams	Bev Mallams
Mailing Address	PO Box 249	same
City/State/Zip	Beatty, OR 97621	same
Phone #	(541) 533-2580	same
Fax #	NA	NA
e-mail address	NA	NA

b. Businesses/Organizations *NA*

Name		
Contact Person and Title	<b>RECEIVED</b>	<b>RECEIVED</b>
Mailing Address		
City/State/Zip	MAR 31 2008	FEB 20 2008
Phone	WATER RESOURCES DEPT	WATER RESOURCES DEPT
Fax	SALEM OREGON	SALEM OREGON
e-mail		



11 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	Same as item 2a	
Mailing Address		
City/State/Zip		

d. Businesses/Organizations *NA*

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

4. Date of Site Inspection: *September 2007 & October 2007*

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

Name	Date	Association with the project
<i>Tom Mallams</i>	<i>Sept &amp; Oct 2007</i>	<i>Owner/Operator</i>

6. County:

COPY

7. Tax Lot Information:

Tax map number	Tax lot number
<i>35 12 35C</i>	<i>2500 &amp; 3700</i>
<i>36 12 &amp; Index</i>	<i>400 &amp; 500</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	<i>NA</i>	<b>RECEIVED</b> MAR 31 2008 WATER RESOURCES DEPT SALEM, OREGON
Contact Person and Title		
Mailing Address		
City/State/Zip		
Phone #		

Name		<b>RECEIVED</b> FEB 20 2008 WATER RESOURCES DEPT SALEM, OREGON
Contact Person and Title		
Mailing Address		
City/State/Zip		
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:

The ground water well is located 2224' No / 62.5' E of the SW Cor Sec 35. Flowmeter is 15ft west of well before the "T" in the mainline. The main distribution line is comprised of 6" & 10" pipe 3290ft on the west side of the property running north & south. The property owner uses 4880ft of sprinkler pipe w/ 9 GPM heads spaced 40ft apart. The Sept. field visit showed 4419ft of 6 pipe in use. An optional big gun sprinkler is used in the north pasture @ 100 GPM. The sprinkler pipes are layed east/west.

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)
Ground Water well 2224' No / 62.5' E of the SW Sec Cor 35 T35S, R12E WM OR	L62651	NA

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

COPY

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

Source	Tributary to
Well in Sycan River Basin	NA

4. Point of diversion/appropriation location:

(DLC, Government Lot, 1/4 1/4, Section, Township, Range)	Reference to a recognized p by distance and bearing or b
NW 1/4, SW 1/4 Sec 35, T35S, R12E, WM	2224' No / 62.5' E

CORRECTED  
March 2008  
JAD.

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

Uses	If irrigation, list crop type	When water is used
Irrigation	Alfalfa & Pasture Grass	April 1 - Oct 31

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Total Quantity of Wat

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
		NWSW	35	35S	12E	IR	14.48	25.20
		SW SW	35	35S	12E	IR	1.67	38.80
		SE SW	35	35S	12E	IR	2.75	8.10
		NE NW	2	36S	12E	IR	11.80	12.40
		NW NW	2	36S	12E	IR	0.70	24.50
	10							8.10
	20						2.75	

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Total Acres Irrigated 40.40

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**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:

1 1/2" Pipe plug in top of pump plate

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"	124'	403'	5-14-03		Tom Mallams	Norm Sevey Stephen Hufre WWC 777

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.

Well ID # L62651

\*\*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**: *NA*

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: *NA*

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

5. Provide sump volume calculations in the box below: *NA*

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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. *NA*

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

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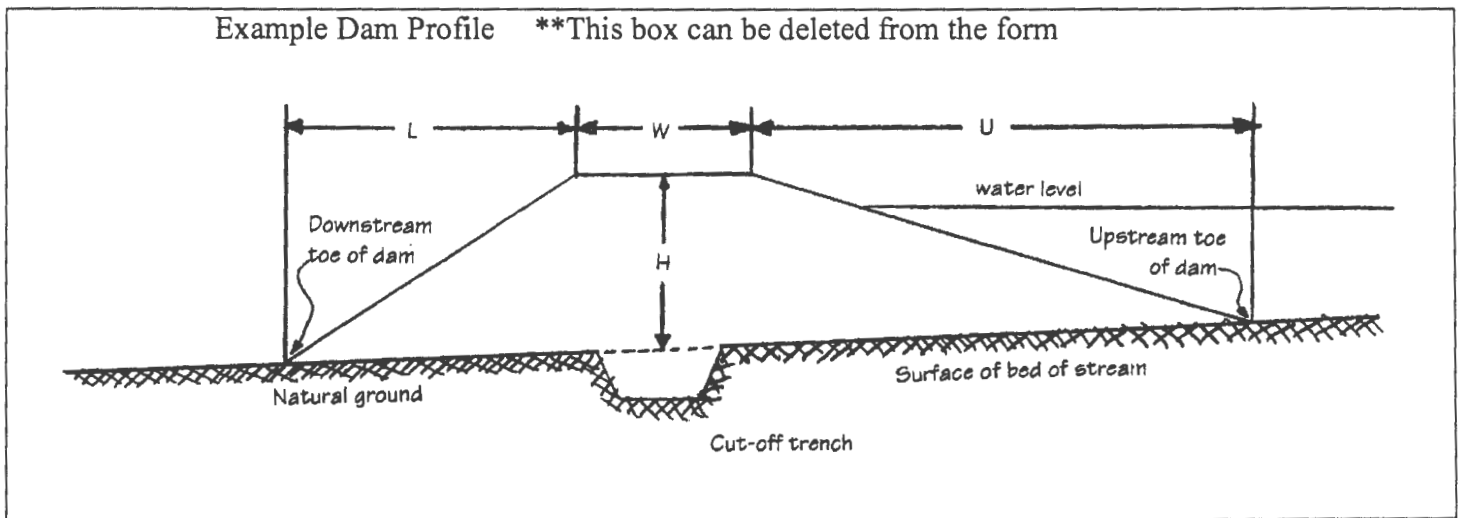
MAR 31 2008

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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



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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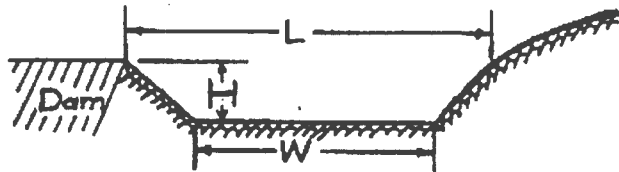
WATER RESOURCES DEPT    WATER RESOURCES DEPT  
SALEM, OREGON              SALEM, OREGON

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. *NA*

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. *NA*

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. *NA*

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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:**

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.

COPY

1. Pump information

Brand	Model	Serial Number	Type (centrifugal, turbine or submersible)	Intake size	Discharge size
NA	NA	NA	Turbine	NA	8"

*Pump provider was unable to provide information. No name or numbers on pump*

2. Motor information

Brand	Model	Horsepower	Max RPM	Voltage
Emerson	BFS6	60	1785	460

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

Make	Serial #	Condition (working or not)	Current meter reading	Notes
Mc Crometer		Working	Not observed	394.46AF For 2007

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4. Measurement device description

Device description	Condition (working or not)	Notes
NA		

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
NA	NA	4 hours	912.5 gpm

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	90	6.5 FT	Avg = 23 FT	1.8 cfs

= 2.03 cfs

7. Provide pump calculations in the box below:

$$1. \frac{60 \times 7.04 \text{ (eff)}}{6.5 + 23 + (90 \times 2.31)} = \frac{422.4}{237.4} = 1.8 \text{ cfs}$$

\*\*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.

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

COPY

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
6"	1170'	Aluminium	Above
10"	750'	Aluminium	Above
8"	1440'	Aluminium	Above

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SALEM OREGON



9. Lateral or handline information

Lateral or handline size	Length	Type of pipe	Buried or above ground
4"	1978'	Metal	Above
5"	2021'	Metal	Above
3"	420'	Metal	Above

$936/448.8 = 2.08$   
CFS

10. Sprinkler information Make and model:

Make	Model	Size	Operating psi	Sprinkler output	Maximum number used	Total sprinkler output
Nelson	3FCN	5/32"	40-90	9gpm	104	= 2.06 cfs
Big Gun Sprinkler	N/A			100gpm	1	= 0.22 cfs

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

= 2.3 cfs

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

11. Additional notes or comments related to the system:

The ideal pressure obtained is 90 to 95 psi at the pump with 40 psi at the end sprinkler heads.

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SALEM, OREGON

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SALEM, OREGON

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	10/1/05	5/23/03	Drilled well
Complete construction	10/1/06	5/31/03	Installed pump, conducted pump test
Complete application of water	10/1/07	10/23/07	Completed field survey



**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

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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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WATER RESOURCES DEPT  
SALEM OREGON

**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

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WATER RESOURCES DEPT  
SALEM OREGON

c. Provide the date the meter was installed:

5-31-03

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

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

COPY

b. Has the fish screening been installed? YES NO

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c. When was the fish screening installed?

MAR 31 2008

Date	By whom

WATER RESOURCES DEPT SALEM, OREGON

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

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

FEB 20 2008

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
	<i>Refer to the attached list of attachments.</i>
	<i>Reference Page is 12A</i>

**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
<i>Well ID # L62651</i>	<i>2 cfs</i>	<i>1.8 cfs</i>	<i>2.03 cfs</i>	<i>100% of Permit</i>	<i>140.4</i>	<i>140.4</i>

**Claim of Beneficial Use Map**

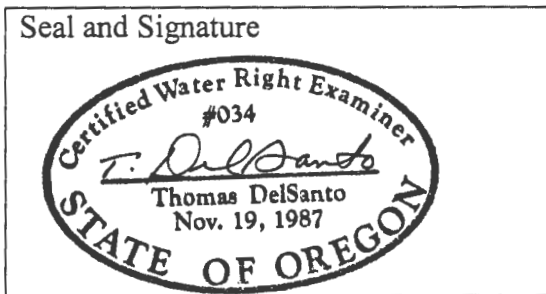
The Claim of Beneficial Use Map must be submitted with this Claim. Claims submitted without the Claim of Beneficial Use map will be returned. The map shall be submitted on poly film at a scale of 1" = 1320', 1" = 400', or the original full-size scale of the county assessor map for the location.

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.

A traverse survey and level loop using a Lietz digital theodolite w/ built in distance meter was incorporated in the field survey method.

CWRE Statement, Seal and Signature

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



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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.

Tom Mallams TOM MALLAMS 18 FEB. 2008  
Signature Print or type name Date

Beverly S Mallams Beverly S Mallams Feb 18, 08  
Signature Print or type name Date

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**ATTACHMENTS:**

1. McCrometer meter specifications.
2. Klamath Pump Center Inc. well test.
3. Oregon Pacific Power & Light agricultural and domestic pump test report.
4. Flow meter readings 2003/2004 to 2006/2007.
5. Ground water permit G-15431.
6. Well Log.
7. Nelson Flow Control Nozzle specifications.

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