

Form were Completed With help From Ron Jacobs

Application for a Permit to Use Ground Water



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

SECTION 1: APPLICANT INFORMATION AND SIGNATURE

Applicant Information

NAME <u>Chris Ray</u>		PHONE (HM) <u>541 946 3265</u>	
PHONE (WK)	CELL <u>208 880 6344</u>	FAX	
ADDRESS <u>6144 Molthan Ranch Rd</u>			
CITY <u>Ironside</u>	STATE <u>OR</u>	ZIP <u>97908</u>	E-MAIL <u>Chrisray@raybrothers.net</u>

Organization Information

NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL

Agent Information – The agent is authorized to represent the applicant in all matters relating to this application.

AGENT / BUSINESS NAME		PHONE	FAX
ADDRESS			CELL
CITY	STATE	ZIP	E-MAIL

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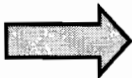
JAN 24 2011

WATER RESOURCES DEPT
SALEM, OREGON

Note: Attach multiple copies as needed

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.
- I cannot use water legally until the Water Resources Department issues a permit.
- Oregon law requires that a permit be issued before beginning construction of any proposed well, unless the use is exempt. Acceptance of this application does not guarantee a permit will be issued.
- 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 cancelled.
- The water use must be compatible with local comprehensive land-use plans.
- Even if the Department issues a permit, I may have to stop using water to allow senior water-right holders to get water to which they are entitled.



I (we) affirm that the information contained in this application is true and accurate.

Chris Ray
Applicant Signature

Chris Ray
Print Name and title if applicable

1/18/2011
Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use		
App. No. <u>G-17457</u>	Permit No. _____	Date _____

SECTION 2: PROPERTY OWNERSHIP

Please indicate if you own all the lands associated with the project from which the water is to be diverted, conveyed, and used.

- Yes
 - There are no encumbrances.
 - This land is encumbered by easements, rights of way, roads or other encumbrances.
- No
 - I have a recorded easement or written authorization permitting access.
 - I do not currently have written authorization or easement permitting access.
 - Written authorization or an easement is not necessary, because the only affected lands I do not own are state-owned submersible lands, and this application is for irrigation and/or domestic use only (ORS 274.040).
 - Water is to be diverted, conveyed, and/or used only on federal lands.

List the names and mailing addresses of all affected landowners (*attach additional sheets if necessary*).

SECTION 3: WELL DEVELOPMENT

WELL NO.	NAME OF NEAREST SURFACE WATER	IF LESS THAN 1 MILE:	
		DISTANCE TO NEAREST SURFACE WATER	ELEVATION CHANGE BETWEEN NEAREST SURFACE WATER AND WELL HEAD
2	Willow Creek	516ft	20ft

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Please provide any information for your existing or proposed well(s) that you believe may be helpful in evaluating your application. For existing wells, describe any previous alteration(s) or repair(s) not documented in the attached well log or other materials (*attach additional sheets if necessary*).

We will instale or Confirm Seal down to the min 18ft and or acording to the well inspectors specs.

SECTION 3: WELL DEVELOPMENT, CONTINUED

Source (aquifer), if known: Willow Creek (Malheur River)

Total maximum rate requested: 830 (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

Complete the table below. If this is an existing well, the following information may be found on the applicable well log. (If a well log is available, please submit it in addition to completing the table.) If this is a proposed well, or well-modification, consider consulting with a licensed well driller, geologist, or certified water right examiner.

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OWNER'S WELL NAME OR NO.	PROPOSED	EXISTING	WELL ID (WELL TAG) NO.* OR WELL LOG ID**	FLOWING ARTESIAN	CASING DIAMETER	CASING INTERVALS (IN FEET)	PERFORATED OR SCREENED INTERVALS (IN FEET)	SEAL INTERVALS (IN FEET)	MOST RECENT STATIC WATER LEVEL & DATE (IN FEET)	PROPOSED USE			
										SOURCE AQUIFER***	TOTAL WELL DEPTH	WELL-SPECIFIC RATE (GPM)	ANNUAL VOLUME (ACRE-FEET)
Mary Miller Well #2	<input type="checkbox"/>	<input checked="" type="checkbox"/>	G-748	<input type="checkbox"/>	12 3/4" 40 1/2" 10" 40-320	20 ft	3/8" 4" 1 1/4" from 6-300	To be installed	33 ft 8-6-51	Willow Creek (Malheur River)	320	830	360
	<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"/>									

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* Licensed drillers are required to attach a Department-supplied Well Tag, with a unique Well ID or Well Tag Number to all new or newly altered wells. Landowners can request a Well ID for existing wells that do not have one. The Well ID is intended to serve as a unique identification number for each well.
 ** A well log ID (e.g. MARI 1234) is assigned by the Department to each log in the agency's well log database. A separate well log is required for each subsequent alteration of the well.
 *** Source aquifer examples: Troutdale Formation, gravel and sand, alluvium, basalt, bedrock, etc.

1958

WATER WELL REPORT
STATE OF OREGON

State Well No. 1739-41 (W)

State Permit No. G-748

(1) OWNER:

Name *Mary G. Malthan*
Address *Prosper, Oregon*

(2) LOCATION OF WELL:

County *Mahuer* Owner's number, if any—
Bearing and distance from section or subdivision corner
N 82° 50' E - 621' From S 1/4 Corner Section 31

(3) TYPE OF WORK (check):

Well Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 11.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded
12" Diam. from 0 ft. to 40 ft. Gage #1
10" Diam. from 40 ft. to 300 ft. Gage #4
10" Diam. from 300 ft. to 300 ft. Gage #4 Standard

(7) PERFORATIONS:

Perforated? Yes No
Type of perforator used *mills*
SIZE of perforations *3/8* in. by *4* in.
1440 perforations from 60 ft. to 300 ft.

(8) SCREENS:

Well screen installed Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.
Diam. Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Gravel packed? Yes No Size of gravel
Gravel placed from ft. to ft.
Was a surface seal provided? Yes No To what depth? ft.
Material used in seal—
Did any strata contain unusable water? Yes No
Type of water? Depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level *33* ft. below land surface Date *8-6-51*
Artesian pressure lbs. per square inch Date

Log Accepted by:

Mary G. Malthan, Date *Feb 5*, 1951
(Signed) (Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? *Peppers, Co.*
Yield: *800* gal./min. with *89* ft. drawdown after *8* hrs.
Ballot test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date
Temperature of water *68* Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well *10* inches.
Depth drilled *320* ft. Depth of completed well *320* ft.
Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
TOP Soil	0	8
Very Gravel	8	32
Clay	32	36
Gravel and sand with water	36	72
Gravel + sand with water	72	76
Clay	76	120
Gravel sand + water	120	134
Clay	134	150
Gravel sand + water	150	157
Clay	157	170
Gravel with water	170	174
Clay	174	190
Red sand + burnt gravel	190	194
Clay	194	200
Red lava rock	200	210
Cement Gravel	210	215
1" boulder gravel	215	220
Hard Clay	220	250
Hard Clay Gravel mixed	250	290
Large water gravel	290	300
Clay	300	315
lava sand	315	320

Work started *July 15* 1951 Completed *Aug 7* 1951

(13) PUMP:

Manufacturer's Name *Peppers Pump Co.*
Type *turbine* H.P. *40*

Well Driller's Statement:

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

NAME *Halloway DRILLING CO.*
(Person, firm, or corporation) (Type or print)

Address *CENTRAL ORE*

Driller's well number

(Signed) *May Halloway*
(Well Driller)

License No. *16* Date *June*, 1957

SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)

Exempt Uses: Please note that 15,000 gallons per day for single or group **domestic** purposes and 5,000 gallons per day for a single **industrial or commercial** purpose are exempt from permitting requirements.

For irrigation use only:

Please indicate the number of primary and supplemental acres to be irrigated (*must match map*).

Primary: 20 Acres Supplemental: _____ Acres

List the Permit or Certificate number of the underlying primary water right(s): _____

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 360

- If the use is **municipal or quasi-municipal**, attach **Form M**
- If the use is **domestic**, indicate the number of households: _____
- If the use is **mining**, describe what is being mined and the method(s) of extraction: _____

SECTION 5: WATER MANAGEMENT

A. Diversion and Conveyance

What equipment will you use to pump water from your well(s)?

- Pump (give horsepower and type): 50 hp turbine + 20hp booster
- Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. 10" pipe to center pivot

B. Application Method

What equipment and method of application will be used? (e.g., drip, wheel line, high-pressure sprinkler)

Low Pressure Center Pivot

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C. Conservation

Please describe why the amount of water requested is needed and measures you propose to: prevent waste; measure the amount of water diverted; prevent damage to aquatic life and riparian habitat; prevent the discharge of contaminated water to a surface stream; prevent adverse impact to public uses of affected surface waters.

We will be converting from flood to center pivot sprinklers. This will allow us to farm sustainably and prevent waist

SECTION 6: STORAGE OF GROUND WATER IN A RESERVOIR

If you would like to store ground water in a reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Reservoir name: _____ Acreage inundated by reservoir: _____

Use(s): _____

Volume of Reservoir (acre-feet): _____ Dam height (feet, if excavated, write "zero"): _____

Note: If the dam height is greater than or equal to 10.0' above land surface AND the reservoir will store 9.2 acre feet or more, engineered plans and specifications must be approved prior to storage of water.

SECTION 7: USE OF STORED GROUND WATER FROM THE RESERVOIR

If you would like to use stored ground water from the reservoir, complete this section (*if more than one reservoir, reproduce this section for each reservoir*).

Annual volume (acre-feet): _____

USE OF STORED GROUND WATER	PERIOD OF USE

SECTION 8: PROJECT SCHEDULE

Date construction will begin: 1st April

Date construction will be completed: 30 April

Date beneficial water use will begin: ASap

SECTION 9: REMARKS

Use this space to clarify any information you have provided in the application (*attach additional sheets if necessary*).

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 SALEM, OREGON

Land Use Information Form



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

Applicant: Chris ~~B~~ Ray
First Last

Mailing Address: 6144 Malheur Ranch Rd
Transide OR 97908 Daytime Phone: 541 446 3265
City State Zip

A. Land and Location

Please include the following information for all tax lots where water will be diverted (taken from its source), conveyed (transported), and/or used or developed. Applicants for municipal use, or irrigation uses within irrigation districts may substitute existing and proposed service-area boundaries for the tax-lot information requested below.

Township	Range	Section	¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
14S	39E	27	NW	3400	Farm use	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	Irrigation
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	
						<input type="checkbox"/> Diverted	<input type="checkbox"/> Conveyed	<input type="checkbox"/> Used	

List all counties and cities where water is proposed to be diverted, conveyed, and/or used or developed:

Malheur

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B. Description of Proposed Use

Type of application to be filed with the Water Resources Department:

- Permit to Use or Store Water
 Water Right Transfer
 Permit Amendment or Ground Water Registration Modification
 Limited Water Use License
 Allocation of Conserved Water
 Exchange of Water

Source of water: Reservoir/Pond
 Ground Water
 Surface Water (name) _____

Estimated quantity of water needed: 360
 cubic feet per second
 gallons per minute
 acre-feet

Intended use of water: Irrigation
 Commercial
 Industrial
 Domestic for _____ household(s)
 Municipal
 Quasi-Municipal
 Instream
 Other _____

Briefly describe:

Application to appropriate Ground Water we will discontinue Flood irrigation with this well and instale a center pivot in a different location

Note to applicant: If the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt at the bottom of the next page and include it with the application filed with the Water Resources Department.

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See bottom of Page 3. →

For Local Government Use Only

The following section must be completed by a planning official from each county and city listed unless the project will be located entirely within the city limits. In that case, only the city planning agency must complete this form. This deals only with the local land-use plan. Do not include approval for activities such as building or grading permits.

Please check the appropriate box below and provide the requested information

- Land uses to be served by the proposed water uses (including proposed construction) are allowed outright or are not regulated by your comprehensive plan. Cite applicable ordinance section(s): _____.
- Land uses to be served by the proposed water uses (including proposed construction) involve discretionary land-use approvals as listed in the table below. (Please attach documentation of applicable land-use approvals which have already been obtained. Record of Action/land-use decision and accompanying findings are sufficient.) **If approvals have been obtained but all appeal periods have not ended, check "Being pursued."**

Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-Use Approval:	
		<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
		<input type="checkbox"/> Obtained <input type="checkbox"/> Denied	<input type="checkbox"/> Being Pursued <input type="checkbox"/> Not Being Pursued

Local governments are invited to express special land-use concerns or make recommendations to the Water Resources Department regarding this proposed use of water below, or on a separate sheet.

Name: Bill Lawrence Title: Asst. Planning Director
 Signature: Bill Lawrence Phone: 541-473-5185 Date: 1-21-2011
 Government Entity: Washoe County

Note to local government representative: Please complete this form or sign the receipt below and return it to the applicant. If you sign the receipt, you will have 30 days from the Water Resources Department's notice date to return the completed Land Use Information Form or WRD may presume the land use associated with the proposed use of water is compatible with local comprehensive plans.

Receipt for Request for Land Use Information

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SALEM, OREGON

Applicant name: _____
 City or County: _____ Staff contact: _____
 Signature: _____ Phone: _____ Date: _____

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THIS SPACE RESERVED FOR RECORDER'S USE

After recording return to:

Christopher James Ray

6144 Malthen Ranch Road
Ironside, OR 97908

Until a change is requested all tax statements shall be sent to the following address:

Christopher James Ray

6144 Malthen Ranch Road
Ironside, OR 97908

Escrow No. ONM06108

Title No. 0006108

SWD-EM r.012910

Inst. No. 2010-1354

I certify that the within Instrument of writing was received for record on the 3 day of March, 2010

at 2:15 O'clock P M. FEE \$50

STATE OF OREGON, County of Malheur

DEBORAH R. DeLONG

County Clerk

By: Shari Batiza Deputy

ONM06108

STATUTORY WARRANTY DEED

Ronald Eugene Ray and June Ray, husband and wife, Grantor(s) hereby convey and warrant to Christopher James Ray and Anne Rebecca Ray, husband and wife, Grantee(s) the following described real property in the County of MALHEUR and State of Oregon, free of encumbrances except as specifically set forth herein:

Land in Malheur County, Oregon, as follows:

In Twp. 14 S., R. 39 E., W.M.:

Sec. 20: That portion of the E 1/2 SE 1/4 lying Southerly of the existing County Road Right-of-Way.

Sec. 21: The South 1/2,
EXCEPTING THEREFROM that portion lying Northerly of the existing County Road Right-of-Way.
SUBJECT TO County Road Right-of-Way.

ALSO the W 1/2 SE 1/4 NE 1/4,
EXCEPTING THEREFROM that portion lying on the Northerly side of Willow Creek.

Sec. 27: That portion of Government Lot(s) 1 thru 8, N 1/2 N 1/2 and South 1/2 lying North of the State Highway Right-of-Way.

Sec. 28: That portion of Government Lot(s) 1 and 8, NE 1/4 NE 1/4 and NE 1/4 SE 1/4 lying North Of the State Highway Right-of-Way.

ALSO that portion of the Government Lot(s) 2 and 3 and of the NW 1/4 NE 1/4 and of the NE 1/4 NW 1/4 lying North of the North Right-of-Way boundary of U.S. Highway 26 and East of the following described line:

Commencing at a point on the North Right-of-Way of said Highway 26, 2,194.1 feet East and 1,535.9 feet South of the Northwest corner of said Section 28;

- Thence N. 18 degrees 52' E., 50 feet;
- Thence N. 71 degrees 08' W., 79.8 feet;
- Thence N. 18 degrees 48' E., 443.8 feet;
- Thence N. 42 degrees 16' W., 312.7 feet;
- Thence N. 25 degrees 01' E., 104.2 feet;
- Thence N. 89 degrees 52' E., 211.5 feet;
- Thence N. 34 degrees 52' E., 406.5 feet;
- Thence N. 45 degrees 07' E., 176.1 feet;
- Thence N. 32 degrees 33' E., 235 feet to the North boundary of said Section 28.

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Ground Water
Application
Chris Ray

Township	Range	Section	14/14	Acres
14	39	27	NWNE	3.2
			SENE	2.9
			NENW	35.1
			NWNW	21.8
			SWNW	22.3
			SENW	34.8
			Total	120.1

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SALEM, OREGON

STATE OF OREGON
 COUNTY OF **MAHEUR**
CERTIFICATE OF WATER RIGHT

This Is to Certify, That **MARY J. MOLTAN**

of **Ironside**, State of **Oregon**, has made proof to the satisfaction of the **STATE ENGINEER** of Oregon, of a right to the use of the waters of

Well No. 2
 a tributary of **Willow Creek (Malheur River)** for the purpose of

irrigation of 28.5 acres and supplemental irrigation of 88.0 acres
 under Permit No. **G-748** of the State Engineer, and that said right to the use of said waters has been perfected in accordance with the laws of Oregon; that the priority of the right hereby confirmed dates from **January 6, 1958,**

that the amount of water to which such right is entitled and hereby confirmed, for the purposes aforesaid, is limited to an amount actually beneficially used for said purposes, and shall not exceed

1.5 cubic feet per second

or its equivalent in case of rotation, measured at the point of diversion from the stream. The point of diversion is located in the **SW $\frac{1}{4}$ SE $\frac{1}{4}$, Section 21, T. 14 S., R. 39 E., W. M.** Well located **1.2 chains North and 31 chains West** from SE corner, Section 21.

The amount of water used for irrigation, together with the amount secured under any other right existing for the same lands, shall be limited to **one-eightieth** of one cubic foot per second per acre, or its equivalent for each acre irrigated and shall be further limited to a diversion of not to exceed **3 acre feet per acre** for each acre irrigated during the irrigation season of each year,

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

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

	Primary	Supplemental
SE$\frac{1}{4}$ NE$\frac{1}{4}$		13.0 acres
SE$\frac{1}{4}$ SW$\frac{1}{4}$		27.4 acres
NE$\frac{1}{4}$ SE$\frac{1}{4}$	8.4 acres	13.0 acres
NW$\frac{1}{4}$ SE$\frac{1}{4}$		21.6 acres
SW$\frac{1}{4}$ SE$\frac{1}{4}$	14.3 acres	13.0 acres
SE$\frac{1}{4}$ SE$\frac{1}{4}$	5.8 acres	
Section 21		
T. 14 S., R. 39 E., W. M.		

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

WITNESS the signature of the State Engineer, affixed

this date. JULY 1 - 1963

CHRIS L. WHEELER

State Engineer

Recorded in State Record of Water Right Certificates, Volume 23, page 31086

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