

# 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>Robert C. Heald</u>		PHONE (HM) <u>541-758-6669</u>
PHONE (WK) _____	CELL <u>541-760-9108</u>	FAX <u>541-753-0787</u>
ADDRESS <u>33977 NE Colorado Lake Drive</u>		
CITY <u>Corvallis</u>	STATE <u>OR</u> ZIP <u>97333</u>	E-MAIL <u>rch@peak.org</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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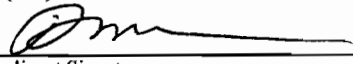
Note: Attach multiple copies as needed

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### 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.**

  
 Applicant Signature Robert C. Heald 11/30/10  
 Print Name and title if applicable Date  
 \_\_\_\_\_  
 Applicant Signature Print Name and title if applicable Date

For Department Use		
App. No. <u>G-17442</u>	Permit No. _____	Date _____

## Herb Mosgar

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**From:** Robert Heald [rch@peak.org]  
**Sent:** Wednesday, December 01, 2010 4:55 PM  
**To:** Herb Mosgar  
**Subject:** Ground Water Rights Application Modification

Hello Herb,

This is written confirmation that I would like to make my application for ground water rights to apply to POA #2 and POA #3 as marked on my map and on page 4 of the application. Please note that you should have information on POA #1 with my previous application (see G#16896). (In reviewing my copy of the application just now I seem to have mistakenly referred to the wrong number in paragraph at the bottom of page 7.) Please double check that this should have been **G#16896**. This is the number printed on my previous

I will send another \$250.00 to WRD on Thursday.

Thanks for your help.

Bob

Robert C. Heald  
33977 NE Colorado Lake Drive  
Corvallis, Oregon 97333-2249  
Home: 541-758-6669  
Cell: 541-760-9108  
[rch@peak.org](mailto:rch@peak.org)

G-17442

## Herb Mosgar

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**From:** Robert Heald [rch@peak.org]  
**Sent:** Thursday, December 02, 2010 11:22 AM  
**To:** Herb Mosgar  
**Subject:** Heald application

Hello Herb,

Please amend my application for ground water rights to include the option to install a second well on the property should one well prove insufficient to reach the allowable flow rate. I would like the option to utilize any two of the three POA's marked on my map. Note that POA#1 was previously approved for a limited irrigation season of July 1 - October 31 so hopefully will not require another analysis. If POA #1 is entirely out of the question let me know.

Thanks.

Robert C. Heald  
33977 NE Colorado Lake Drive  
Corvallis, Oregon 97333-2249  
Home: 541-758-6669  
Cell: 541-760-9108  
[rch@peak.org](mailto:rch@peak.org)

## Herb Mosgar

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**From:** Robert Heald [rch@peak.org]  
**Sent:** Thursday, December 02, 2010 6:04 AM  
**To:** Herb Mosgar  
**Subject:** Heald application

Hello Herb,

On my application I have specified 1/80 cfs and 2.5 acre-feet per acre per year. Jack Burrell told me these were the limits so that's what I used, but I cannot find any documentation that stipulates this. Are these stated somewhere in law or regulations? If so, could you show me the document? I need this to show to my farmer as he had requested a larger number.

The check for \$250 is in the mail.

Bob

Robert C. Heald  
33977 NE Colorado Lake Drive  
Corvallis, Oregon 97333-2249  
Home: 541-758-6669  
Cell: 541-760-9108  
[rch@peak.org](mailto:rch@peak.org)

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12/2/2010

**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*).

Robert C. Heald  
 33977 NE Colorado Lake Dr.  
 Corvallis, OR 97333-2249

**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
POA #1	Owl Creek	100 feet	15 feet
POA #2	"	300 feet	15 feet
POA #3	"	430 feet	15 feet

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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*).

The proposed points of appropriation (POA) have not been drilled. Only one well will be drilled and the three POA's shown (also see map) represent probable locations that will be evaluated and selected by driller. POA #1 is the preferred location.

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**SECTION 3: WELL DEVELOPMENT, CONTINUED**

Source (aquifer), if known: Owi Creek - brown sand and gravel

Total maximum rate requested: 134 gpm (0.3 cfs) (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

6-17-10  
2442

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.

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)
#1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	10"	45'-55'	10'	18'-20'	~20'	sand and gravel	55'-60'	unknown	2.5
#2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	10"	45'-55'	10'	18'-20'	~20'	sand and gravel	55'-60'	"	2.5
#3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	NA	<input type="checkbox"/>	10"	45'-55'	10'	18'-20'	~20'	sand and gravel	55'-60'	"	2.5
	<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.

**SECTION 4: WATER USE**

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
irrigation	march 1 to October 31	not to exceed 2.5 per acre

**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: 24 Acres                      Supplemental: NA 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: 60

- 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**

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**A. Diversion and Conveyance**

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

- Pump (give horsepower and type): will use normally acceptable equipment; pump size to be determined
- Other means (describe): \_\_\_\_\_

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Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water. well by state-certified driller; installation of submersible pump; installation of irrigation mains; type of laterals to be determined

**B. Application Method**

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

**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. I have requested maximum volume allowed, however it is not expected that total quantity will be necessary except in very hot irrigation seasons. Driplines will conserve water. Irrigation will likely not be during the hottest time of day. Amount of water will be monitored to avoid over-saturation and run-off from fields.

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**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: NA 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): NA

USE OF STORED GROUND WATER	PERIOD OF USE

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**SECTION 8: PROJECT SCHEDULE**

Date construction will begin: January 1, 2012

Date construction will be completed: February 28, 2012

Date beneficial water use will begin: March 15, 2012

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**SECTION 9: REMARKS**

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

A previous permit under G-16388 has been issued. It restricts period of use and does not allow irrigation from March 1 to June 30. No specific justification regarding limitations of available water were provided by the WRD. The water availability review done by WRD shows that in-stream water is available during the restricted months. I have re-applied so that I can open up communication and re-evaluation of the period of use.

G-17442



STATE OF OREGON

COUNTY OF LINN

DRAFT PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ROBERT HEALD  
33977 NE COLORADO LAKE DR  
CORVALLIS, OR 97333

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

APPLICATION FILE NUMBER: G-16896

SOURCE OF WATER: A WELL IN OWL CREEK BASIN

PURPOSE OR USE: IRRIGATION USE ON 24.69 ACRES

MAXIMUM RATE: 0.3 CUBIC FOOT PER SECOND

PERIOD OF USE: JULY 1 THROUGH OCTOBER 31

DATE OF PRIORITY: JULY 16, 2007

WELL LOCATION: SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SECTION 32, T11S, R4W, W.M.; 750 FEET SOUTH AND 295 FEET WEST FROM NE CORNER, SW  $\frac{1}{4}$  SW  $\frac{1}{4}$ , SECTION 32

The amount of water used for irrigation under this right, together with the amount secured under any other right existing for the same lands, is limited to a diversion of ONE-EIGHTIETH of one cubic foot per second and 2.5 acre-feet for each acre irrigated during the irrigation season of each year.

THE PLACE OF USE IS LOCATED AS FOLLOWS:

NE  $\frac{1}{4}$  SW  $\frac{1}{4}$  3.63 ACRES

NW  $\frac{1}{4}$  SW  $\frac{1}{4}$  2.49 ACRES

SW  $\frac{1}{4}$  SW  $\frac{1}{4}$  8.22 ACRES

SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  10.35 ACRES

SECTION 32

TOWNSHIP 11 SOUTH, RANGE 4 WEST, W.M.

Measurement, recording and reporting conditions:

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

Application G-16896 Water Resources Department PERMIT G-16388

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- B. The permittee shall allow the watermaster access to the meter or measuring device; provided however, where the meter or measuring device is located within a private structure, the watermaster shall request access upon reasonable notice.
- C. The Director may require the permittee to keep and maintain a record of the amount (volume) of water used, and may require the permittee to report water use on a periodic schedule as established by the Director. In addition, the Director may require the permittee to report general water-use information, the periods of water use and the place and nature of use of water under the permit. The Director may provide an opportunity for the permittee to submit alternative reporting procedures for review and approval.

#### STANDARD CONDITIONS

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

If the number, location, source, or construction of any well deviates from that proposed in the permit application or required by permit conditions, this permit may not be valid, unless the Department authorizes the change in writing.

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

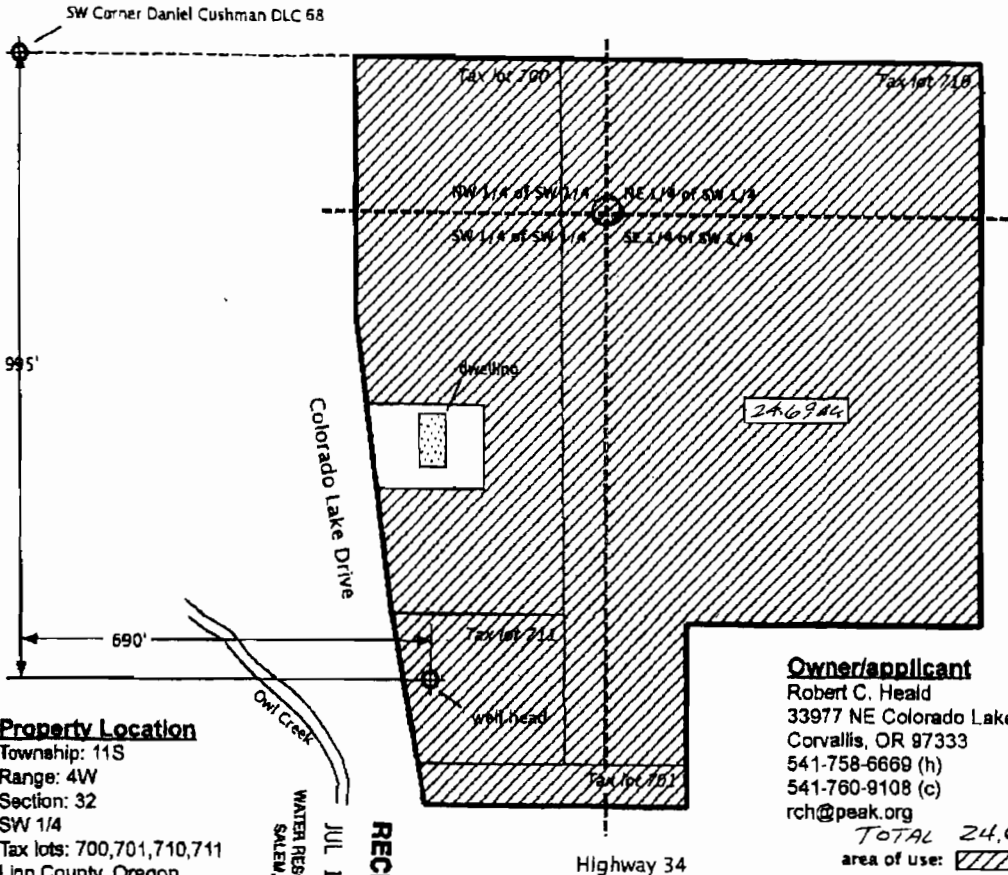
The well(s) shall be constructed in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon. The works shall be equipped with a usable access port, and may also include an air line and pressure gauge adequate to determine water level elevation in the well at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

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

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**Property Location**  
 Township: 11S  
 Range: 4W  
 Section: 32  
 SW 1/4  
 Tax lots: 700,701,710,711  
 Linn County, Oregon  
 Willamette basin

**Owner/applicant**  
 Robert C. Heald  
 33977 NE Colorado Lake Drive  
 Corvallis, OR 97333  
 541-758-6669 (h)  
 541-760-9108 (c)  
 rch@peak.org

TOTAL 24.69 ACRES  
 area of use:   
 Scale: 1" = 200' 0"

*Changes approved by R.C. Heald*

DISTANCE TO PROPOSED WELL FROM 1/4 CORNER, CENTER

AppNo G-16896

Parcel location: Township 11S, Range 4W, section 32, Willamette Meridian

Acreage in each 1/4 of SW 1/4 section 32

	Tax Lot				
	700	701	710	711	All tax lots
NE 1/4			3.63		3.63
NW 1/4	2.05		0.44		2.49
SW 1/4	4.80	0.45	1.45	1.52	8.22
SE 1/4		0.23	10.12		10.35
<b>All</b>	<b>6.85</b>	<b>0.68</b>	<b>15.64</b>	<b>1.52</b>	<b>24.69</b>

DISTANCE TO PROPOSED WELL FROM 1/4 CORNER, CENTER OF SW 1/4 750 FE SOUTH & 295 FE WEST.   
 OK RCH

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Mitigation Goals and Standards, OAR Chapter 635, Division 415, Section 030 adopted November 13, 1991 shall be followed.

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

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

Prior to receiving a certificate of water right, the permit holder shall submit 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.

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.

Completion of construction and complete application of the water to the use shall be made on or before October 1, 2012. 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).

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Application G-16896      Water Resources Department      PERMIT G-16388

G-17442

Issued SEPTEMBER 30, 2008

*E. Timothy Ward*

for Phillip C. Ward, Director  
Water Resources Department

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ADDED TO FILE HERB 12-2-2010  
WELL I.D.# 6010901

linn  
50773

DEC 11 1996

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

WATER RESOURCES DEPT.

(START CARD) # 86882

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

(1) OWNER: Well Number DR-1163  
Name WOOD CASTLE FURNITURE INC  
Address 29865 Hwy 34  
City ALBANY State ORE Zip 97321

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

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

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

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 42 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
20"	0	18	Bentonite	0	18	66 SACKS
16"	18	42				

How was seal placed: Method  A  B  C  D  E  
 Other Poured Dry  
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: 16"	+1	40		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 40'

(7) PERFORATIONS/SCREENS:

Perforations Method TORCH  
 Screens Type SLOT Material STEEL

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
21	38	3/8x6	400	16"		<input checked="" type="checkbox"/>	<input type="checkbox"/>

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

Pump  Bailer  Air  Flowing Artesian

Yield gal/min	Drawdown	Drill stem at	Time
100+	13'		1 hr.

Temperature of water 53° Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County LINN Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 11 N or S Range 4 W or W W.M.  
Section 32 NW 1/4 NW 1/4  
Tax Lot 1100 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) SAME

(10) STATIC WATER LEVEL:  
7 ft. below land surface. Date 11-13-96  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:

Depth at which water was first found 21'

From	To	Estimated Flow Rate	SWL
21	35	100+ gpm	7'

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
TOP SOIL	0	3	
CLAY-LT-BROWN	3	17	
CLAY-BROWN w/ GRAVEL	17	19	
SAND & GRAVEL - Small	19	35	7'
CLAY-GRAY	35	42	

Date started 11-6-96 Completed 11-14-96  
(unbonded) Water Well Constructor Certification:

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

Signed Gale Abernathy WWC Number 1281 Date 11-20-96

(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 Chas D. Lucht WWC Number 664 Date 12-2-96

677442

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

(WELL I.D.)# L 62578

(START CARD) # 158713

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

(1) OWNER: Well Number 3848 Name Oregon State University Address 8692 Peavy Arboretum Rd. City Corvallis State Oregon Zip 97330

(2) TYPE OF WORK: [X] New Well [ ] Deepening [ ] Alteration (repair/recondition) [ ] Abandonment

(3) DRILL METHOD: [X] Rotary Air [ ] Rotary Mud [ ] Cable [ ] Auger [ ] Other

(4) PROPOSED USE: [ ] Domestic [ ] Community [ ] Industrial [X] Irrigation [ ] Thermal [ ] Injection [ ] Livestock [ ] Other

(5) BORE HOLE CONSTRUCTION: Special Construction approval [ ] Yes [X] No Depth of Completed Well 140 ft. Explosives used [ ] Yes [X] No Type Amount

Table with columns for HOLE Diameter, From, To, Material, and SEAL From, To, Sacks or pounds. Row 1: 12, 0, 60, Bentonite, 0, 18, 32 sacks. Row 2: 8, 60, 140, , , ,

How was seal placed: Method [ ] A [ ] B [ ] C [ ] D [ ] E [X] Other Poured dry Backfill placed from ft. to ft. Material Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER: Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Casing: 8, +1, 63, 250, [X], [ ], [X], [ ].

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [X] Perforations Method Down hole perforator [ ] Screens Type Material. Table with columns for From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner.

(8) WELL TESTS: Minimum testing time is 1 hour [X] Pump [ ] Bailer [ ] Air [ ] Flowing [ ] Artesian. Table with columns for Yield gal/min, Drawdown, Drill stem at, Time.

Temperature of water 54 Depth Artesian Flow Found Was a water analysis done? [ ] Yes By whom Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [ ] Muddy [ ] Odor [ ] Colored [ ] Other Depth of strata:

(9) LOCATION OF WELL by legal description: County Benton Latitude Longitude Township 11 S Range 4 W WM. Section 29 NW 1/4 NE 1/4 Tax Lot 500 Lot Block Subdivision Street Address of Well (or nearest address) No site address Corvallis, OR

(10) STATIC WATER LEVEL: 19 ft. below land surface. Date 8/08/03 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 22

Table with columns for From, To, Estimated Flow Rate, SWL. Row 1: 22, 34, 200+, 19

(12) WELL LOG: Ground Elevation

Table with columns for Material, From, To, SWL. Sandy loam (0-12), Cemented gravel (12-22), Sand & gravel (22-34), Blue clay (34-83), Brown clay (83-90), Blue clay (90-110), Brown clay (110-140)

Drilled to 140' but only cased to 63'. Don't set pump any lower than 63'

RECEIVED JONES DRILLING CO., INC. AUG 26 2003 2940 SANTIAM HWY. LEBANON, OR 97355 541-367-2560 541-451-2686 1-800-915-8388 WATER RESOURCES DEPT SALEM OREGON

Date started 8/07/03 Completed 8/08/03

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. Signed [Signature] WWC Number 1411 Date 8/25/2003

(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 [Signature] WWC Number 1684 Date 8/25/2003

G-17442

*Bent*  
7790

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JUL 10 1995

115/4W/29aa

**STATE OF OREGON  
WATER WELL REPORT**

(as required by ORS 537.765)

(START CARD) # 69503

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

SALEM, OREGON

(1) OWNER: Well Number \_\_\_\_\_  
Name College of Forestry  
Address Oregon State University  
City Corvallis State OR Zip 97331

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

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

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

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 45 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
12"	0	18'	cement	0	18'	9 1/2 sacks
8"	18'	45'				

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: 8"	+16"	32'	.250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		08"		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 32' 08"

(7) PERFORATIONS/SCREENS:

Perforations Method Acetylene torch  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
22'	32'	3/8"	70	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
08"	08"	x12"				<input type="checkbox"/>	<input type="checkbox"/>

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

Pump  Bailer  Air  Artesian

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

Temperature of water 55 Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Benton Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 11 S N or S Range 4 W E or W. WM. \_\_\_\_\_  
Section 29 NE 1/4 NE 1/4 \_\_\_\_\_  
Tax Lot 802 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_  
Strawberry Ln. - Corvallis

(10) STATIC WATER LEVEL:  
18' ft. below land surface. Date 6-29-95  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 19'

From	To	Estimated Flow Rate	SWL
19'	29'	110 gpm	18'

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Top soil	0	9	
Brown sandy clay	9	14	
Brown sandy clay & gravel	14	19	
Brown sandy & gravel	19	29	
Blue clay	29	45	

Date started 6-26-95 Completed 6-29-95

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

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

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

WWC Number 1378  
Signed [Signature] Date 7-6-95



LINN  
14273

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SEP 15 1995

11S/04W/31DC

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

WATER RESOURCES DEPT. (START CARD) # 69507  
SALEM, OREGON

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

(1) OWNER: Well Number \_\_\_\_\_  
Name International Seed Service Inc  
Address 29531 Hwy. 34E  
City Corvallis State OR Zip 97333

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

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

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

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well 50 ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
12"	0	18'	cement	0	18'	10sacks
8"	18'	50'				

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: 8"	+13"	38'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
		11"		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) 38' 11"

(7) PERFORATIONS/SCREENS:

Perforations Method Acetylene torch  
 Screens Type \_\_\_\_\_ Material \_\_\_\_\_

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
29'	38'	3/8"	44	8"		<input checked="" type="checkbox"/>	<input type="checkbox"/>
11"	11"	x12"				<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Artesian  
Yield gal/min 88 gpm Drawdown 13' Drill stem at \_\_\_\_\_ Time 1 hr.

Temperature of water 54 Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_  
Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
Depth of strata: \_\_\_\_\_

(9) LOCATION OF WELL by legal description:  
County Linn Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township 11S N or S Range 4W E or W. WM.  
Section 31 SW 1/4 SE 1/4  
Tax Lot 2100 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_  
same

(10) STATIC WATER LEVEL:  
18 ft. below land surface. Date 9-7-95  
Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
Depth at which water was first found 24

From	To	Estimated Flow Rate	SWL
24	36	88 gpm	18'

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Top soil	0	3	
Brown clay	3	18	
Brown clay & gravel	18	24	
Brown sand & gravel	24	36	18
Blue clay	36	50	

Date started 9-5-95 Completed 9-7-95

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

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

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

WWC Number 1378  
Signed Martin W. Wain Date 9-13-95

617442

WATER RESOURCES DEPARTMENT,
SALEM, OREGON 97310
within 30 days from the date of well completion.

WATER WELL REPORT
STATE OF OREGON
(Please type or print)
(Do not write above this line)

LINN State Well No. 11S/4W-32
8675 State Permit No.

Well # 2

(1) OWNER:

Name Edsel Chase
Address 92186 Coburg Rd., Eugene, Or.

(2) TYPE OF WORK (check):

New Well X Deepening Reconditioning Abandon
If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL: (4) PROPOSED USE (check):

Rotary X Driven Jetted Bored
Domestic Industrial Municipal Irrigation X Test Well Other

(5) CASING INSTALLED: Threaded Welded X
12" Diam. from 25'10" to 37'10" ft. Gage 250 wall

(6) PERFORATIONS: Perforated? X Yes No
Acetylene Torch
55 perforations from 25'10" to 37'10" ft.

(7) SCREENS: Well screen installed? X Yes No
Manufacturer's Name
Type Model No.
Diam. Slot size Set from ft. to ft.

(8) WELL TESTS: Drawdown is amount water level is lowered below static level
a pump test made? X Yes No If yes, by whom? Self
Yield: 175 gal./min. with 19 ft. drawdown after 1 hrs.

(9) CONSTRUCTION: Well seal—Material used Cement
Well sealed from land surface to 18 ft.
Diameter of well bore to bottom of seal 16 in.
Diameter of well bore below seal 12 in.
Number of sacks of cement used in well seal 10 sacks
How was cement grout placed? Placed with a grout pump from the 18' level to the ground surface.

(10) LOCATION OF WELL:

County Linn Driller's well number
1/4 Section 32 T. 11S R. 4W W.M.
Bearing and distance from section or subdivision corner

(11) WATER LEVEL: Completed well.

Depth at which water was first found 26 ft.
Static level 20 ft. below land surface. Date 5-5-80
Artesian pressure lbs. per square inch. Date

(12) WELL LOG: Diameter of well below casing 12"
Depth drilled 42 ft. Depth of completed well 42 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level and indicate principal water-bearing strata.

Table with 4 columns: MATERIAL, From, To, SWL. Rows include Top Soil, Brown Sandy Clay, Brown Clay, Brown Sand & Gravel, Blue Clay.

Work started 4-29 19 80 Completed 5-5 1980
Date well drilling machine moved off of well 5-6 19 80

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
(Signed) Merle Warren Date 5-23, 1980
Drilling Machine Operator's License No. 436

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
Name Merle Warren Well Drilling, Inc.
Address 34111 Hwy. 99E, Tangent, Or. 97389
(Signed) Merle Warren
Contractor's License No. 182 Date 5/23, 1980

NOTICE TO WATER WELL CONTRACTOR: The original and first copy of this report are filed with the STATE ENGINEER, SALEM, OREGON within 30 days from the date of well completion.

RECEIVED JUL 25 1969 STATE ENGINEER SALEM, OREGON

WATER WELL REPORT LINN 8703

State Well No. 11/4W-32 State Permit No.

(1) OWNER:

Name Bates & Bates Realty Address 320 S. 3rd Street, Corvallis, Oregon

(2) TYPE OF WORK (check):

New Well [X] Deepening [ ] Reconditioning [ ] Abandon [ ] If abandonment, describe material and procedure in Item 12.

(3) TYPE OF WELL:

Rotary [ ] Cable [X] Dug [ ] Driven [ ] Jetted [ ] Bored [ ]

(4) PROPOSED USE (check):

Domestic [X] Industrial [ ] Municipal [ ] Irrigation [ ] Test Well [ ] Other [ ]

(5) CASING INSTALLED:

8" Diam. from 0 ft. to 42 ft. Gage .250 Threaded [ ] Welded [X]

(6) PERFORATIONS:

Perforated? [ ] Yes [X] No. Type of perforator used Size of perforations in. by in. perforations from ft. to ft.

(7) SCREENS:

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

(8) WATER LEVEL: Completed well.

Static level 11 ft. below land surface Date 7/18/69 Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [X] Yes [ ] No If yes, by whom? Yield: 120 gal./min. with 48 ft. drawdown after 48 hrs. Baller test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. Date Temperature of water Was a chemical analysis made? [ ] Yes [X] No

(10) CONSTRUCTION:

Well seal-Material used Puddled clay & cement Depth of seal 37 ft. Diameter of well bore to bottom of seal 12 in. Were any loose strata cemented off? [ ] Yes [X] No Depth Was a drive shoe used? [X] Yes [ ] No Did any strata contain unusable water? [ ] Yes [X] No Type of water? depth of strata Method of sealing strata off Was well gravel packed? [ ] Yes [X] No Size of gravel: Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County Linn Driller's well number 1/4 1/4 Section 32 T. 4W R. 11S W.M. Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing 6" Depth drilled 65 ft. Depth of completed well 65 ft. Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

Table with 4 columns: MATERIAL, From, To, SWL. Rows include Topsoil, Yellow clay, Clay & gravel, Sand & gravel, Blue sandstone claystone, Blue sandstone.

Work started 7/1/69 19 Completed 7/18/69 19 Date well drilling machine moved off of well 19

Drilling Machine Operator's Certification:

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief. [Signed] Date 7/18/69

Drilling Machine Operator's License No. 160

Water Well Contractor's Certification:

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. NAME Casey Jones Well Drilling Co., Inc. Address Rt. 8 Box 695 Pleasant Hill, Oregon [Signed] Delbert D. Jones (Water Well Contractor) Contractor's License No. 105 Date 7/18/69 19

**RECEIVED**  
**LINN**  
 52578

Added to File 12-6-2010 HTM  
 WELL I.D.# 0000226

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

JUL 27 1999

WATER RESOURCES DEPT.

PAGE 1 OF 3 (START CARD) # 85423

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

(1) OWNER:  
 Name LBCC - Linn Benton Comm. College  
 Address 6500 Pacific Blvd, SW  
 City Albany State Ore Zip 97321  
 Well Number 0000226

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

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

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

(5) BORE HOLE CONSTRUCTION:  
 Special Construction approval  Yes  No Depth of Completed Well 202 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds
12	0	252	Bentonic	0	2	5 SACKS
			Cement	2	152	74 SACKS
			Cement Plug	202	217	3 SACKS

How was seal placed: Method  A  B  C  D  E  
 Other Bent poured Dry + Probed  
 Backfill placed from 217 ft. to 252 ft. Material 4 minus Gravel  
3rd pack  
 Gravel placed from 148 ft. to 182 ft. Size of gravel 6-9 sand

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing: 8"	4 1/2	202	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s)

(7) PERFORATIONS/SCREENS:

Perforations Method \_\_\_\_\_  
 Screens Type 3 slot Material Stainless  
304

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
169	182	.50		8"	9" PS	<input type="checkbox"/>	<input type="checkbox"/>

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

Yield gal/min	Drawdown	Drill stem at	Time
200	85		1 hr.
pump set AT 107			

Temperature of water 52° Depth Artesian Flow Found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other Upper 20ft  
 Depth of strata: 42-52, 82-92, 232-246

(9) LOCATION OF WELL by legal description:  
 County Linn Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 11S N or S Range 4W E or W. WM.  
 Section 25 NW 1/4 NE 1/4  
 Tax Lot 703 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) 6500 Pacific Blvd.

(10) STATIC WATER LEVEL:  
11 ft. below land surface. Date 5-25-99  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found 42 FT

From	To	Estimated Flow Rate	SWL
42	52	20 gpm	26 1/2
82	92	40 gpm	25 1/2
212	182	200 gpm	11
232	246	30 gpm	10 1/2

(12) WELL LOG:  
 Ground Elevation \_\_\_\_\_

Material	From	To	SWL
TOP SOIL	0	3	
CLAY Tan	3	7	
" Grey	7	17	
" Brown	17	21	
" + Gravel small Brown	21	27	
Gravel med w clay	27	35	
Brown			
Gravel large to med	35	42	
w sand Brown			
Gravel med + COBBLES	42	52	WB
Gravel small + sand coarse	52	55	
Brown			
Clay Grey sandy	55	65	
Gravel med w sand	65	69	
coarse Black			
Gravel large + small	69	87	WB
w some COBBLES + Black			
sand			
sand Black	87	92	
CONT			

Date started 4-8-99 Completed 5-25-99

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

Signed \_\_\_\_\_ Date \_\_\_\_\_  
 WWC Number 1454

(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 Michael Waldrop WWC Number 0233  
 Date 7-26-99

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STATE OF OREGON  
WATER SUPPLY WELL REPORT JUL 27 1999  
(as required by ORS 537.765)

PAGE 2 of 3

(START CARD) # 85423

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

(1) OWNER:  
Name LBCC - CON'T.  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well \_\_\_\_\_ ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE		SEAL			
Diameter	From To	Material	From To	Sacks or pounds	

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_

Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material \_\_\_\_\_  
Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel \_\_\_\_\_

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<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"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>
							<input type="checkbox"/>	<input type="checkbox"/>

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

<input type="checkbox"/> Pump	<input type="checkbox"/> Bailer	<input type="checkbox"/> Air	<input type="checkbox"/> Flowing Artesian
Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.

Temperature of water \_\_\_\_\_ Depth Artesian Flow Found \_\_\_\_\_  
Was a water analysis done?  Yes By whom \_\_\_\_\_

Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_

Depth of strata: \_\_\_\_\_  
*Added to file 12-6-2010*

(9) LOCATION OF WELL by legal description:  
County \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township \_\_\_\_\_ N or S Range \_\_\_\_\_ E or W. WM.  
Section \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4  
Tax Lot 703 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_

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

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Sand Coarse Grey +	92	96	
Gravel med			
Clay Green Sandy +	96	105	
Gravel med			
Clay Green Sandy	105	111	
Clay Green + Gravel med	111	124	
Clay Grey	124	127	
Clay Gray + Gravel med	127	135	
Clay Blue + Green	135	143	
Gravel Large to med	143	147	
Cemented w Dark Green			
Sandy Clay			
Clay Brown sandy	147	152	
Clay Blue sticky	152	162	
Clay Gray sandy	162	169	
Sand Black	169	178	WB
Sandy clay Gray w	178	182	
Packed sand seams			
Clay Brown	182	187	
CON'T			

Date started \_\_\_\_\_ Completed \_\_\_\_\_

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

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

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

WWC Number 683  
Signed Michael Waldrop Date 7-26-99

LINN  
52578

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

JUL 27 1999

WATER RESOURCES DEPT. Page 3 of 3

(START CARD) # 85423

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

(1) OWNER: Well Number \_\_\_\_\_  
Name LBCC - CON'T.  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

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

(3) DRILL METHOD:  
 Rotary Air  Rotary Mud  Cable  Auger  
 Other \_\_\_\_\_

(4) PROPOSED USE:  
 Domestic  Community  Industrial  Irrigation  
 Thermal  Injection  Livestock  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION:  
Special Construction approval  Yes  No Depth of Completed Well \_\_\_\_\_ ft.  
Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	

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

(6) CASING/LINER:

Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:				<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"/>
Liner:				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) \_\_\_\_\_

(7) PERFORATIONS/SCREENS:

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>
						<input type="checkbox"/>	<input type="checkbox"/>

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

(9) LOCATION OF WELL by legal description:  
County \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Township \_\_\_\_\_ N or S Range \_\_\_\_\_ E or W. WM. \_\_\_\_\_  
Section \_\_\_\_\_ 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
Tax Lot 703 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
Street Address of Well (or nearest address) \_\_\_\_\_

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

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

From	To	Estimated Flow Rate	SWL

(12) WELL LOG:  
Ground Elevation \_\_\_\_\_

Material	From	To	SWL
Clay Grey Sticky	187	201	
Clay Blue Sticky	201	212	
" Grey sandy	212	217	
Silt Packed	217	225	
Sand packed Fine w	225	228	
Small Gravel			
Packed Sand Fine + silty	228	232	
Clay			
Sand Black w some	232	240	WB
Small Gravel			
Sand coarse w small	240	246	
Gravel			
Clay Blue Sticky	246	252	

Date started \_\_\_\_\_ Completed \_\_\_\_\_

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

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

(bonded) Water Well Constructor Certification:  
I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.  
WWC Number 933  
Signed Michael Walden Date July 26, 1999

ADDED TO FILE N7M 12-6-2010

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WATER WELL REPORT  
STATE OF OREGON

Bent  
2479

State Well No. 11/4W-2  
State Permit No.

File Original and  
First Copy with the  
STATE ENGINEER,  
SALEM, OREGON

(1) OWNER:  
Name Don Densmoor  
Address Rt. 4, Box 397D  
Albany, Oregon

(2) LOCATION OF WELL:  
County Benton Owner's number, if any--  
1/4 1/4 Section 2 T. 11 R. SR4W W.M.  
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):  
New Well  Deepening  Reconditioning  Abandon   
If abandonment, describe material and procedure in Item 11.

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   
8" Diam. from 0 ft. to 19'04" ft. Gage 22 1/2#

(7) PERFORATIONS: Perforated?  Yes  No  
Type of perforator used  
SIZE of perforations in. by in.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.  
perforations from ft. to ft.

(8) SCREENS: Well screen installed  Yes  No  
Manufacturer's Name  
Type Model No.  
Diam. Slot size Set from ft. to ft.  
Slot size Set from ft. to ft.

(9) CONSTRUCTION:  
Was well gravel packed?  Yes  No Size of gravel:  
Gravel placed from ft. to ft.  
Was a surface seal provided?  Yes  No To what depth? 18 ft.  
Material used in seal-- Clay  
Did any strata contain unusable water?  Yes  No  
Type of water? Depth of strata  
Method of sealing strata off

(10) WATER LEVELS:  
Static level 198 ft. below land surface Date 3-17-62  
Artesian pressure lbs. per square inch Date  
Log Accepted by:  
[Signed] (Owner) Date, 19

(11) WELL TESTS: Drawdown is amount water level is lowered below static level  
Was a pump test made?  Yes  No If yes, by whom? Stettler, Supp. Salem, Oregon  
Yield: 460 gal./min. with 38 ft. drawdown after 2 hrs.  
" 290 " " 8 " 30 min.  
" 225 " " 6 " 30 min.  
Bailer test 30 gal./min. with NO ft. drawdown after 10 hrs.  
Artesian flow g.p.m. Date  
Temperature of water Was a chemical analysis made?  Yes  No

(12) WELL LOG: Diameter of well 8 inches.  
Depth drilled 281 ft. Depth of completed well 281 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	4
Brown Shale Rock	4	10
Black Shale Rock	10	40
Black Rock	40	220
Grey Rock	220	281

Work started 2-20-62 Completed 3-16-62

(13) PUMP: 8KS-13A 13 Stage  
Manufacturer's Name Universal Mfg. Co.  
Type: Line-Shaft Turbin H.P. 20

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 Merle E. Warren, Well Drilling  
(Person, firm, or corporation) (Type or print)  
Address Rt. 1, Box 85, Tangent, Oregon  
Driller's well number  
[Signed] Merle Warren  
(Well Driller)  
License No. 182 Date 3/27, 1962

# 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: Robert Heald  
First Last

Mailing Address: 33977 NE Colorado Lake Drive  
Corvallis OR 97333 Daytime Phone: 541-760-9108  
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 ¼	Tax Lot #	Plan Designation (e.g., Rural Residential/RR-5)	Water to be:			Proposed Land Use:
11S	4W	32	SW¼	700	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	ag.
11S	4W	32	SW¼	701	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	ag.
11S	4W	32	SW¼	710	EFU	<input type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	ag.
11S	4W	32	SW¼	711	EFU	<input checked="" type="checkbox"/> Diverted	<input checked="" type="checkbox"/> Conveyed	<input checked="" type="checkbox"/> Used	ag.

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

<u>Linn</u>	<b>RECEIVED</b> DEC 01 2009
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### B. Description of Proposed Use

WATER RESOURCES DEPT  
SALEM, OREGON

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: 400     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:

<u>crop irrigation on approximately 24 acres</u>
--

**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.

G-17442

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): LCC 92B.310(B)(1)

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.

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SALEM, OREGON

Name: DEBORAH PINKERTON Title: SENIOR PLANNER

Signature: Deborah Pinkerton Phone: 541-967-3816 Date: 11/23/10

Government Entity: LINN COUNTY PLANNING & BUILDING

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

**Receipt for Request for Land Use Information**

Applicant name: \_\_\_\_\_

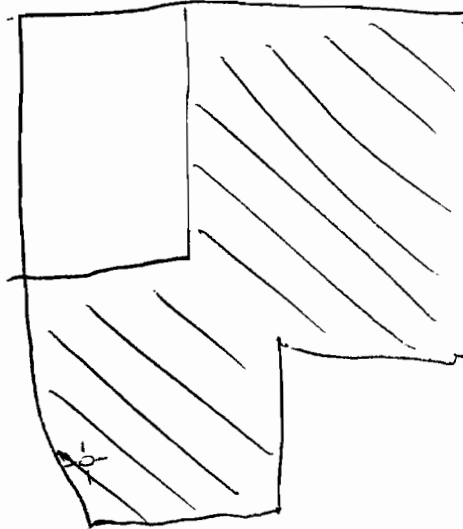
City or County: \_\_\_\_\_ Staff contact: \_\_\_\_\_

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_ Date: \_\_\_\_\_

G-17442

Beginning South 0°28' East 1132.46 feet from a point on the South line of and East 1114.02 feet from the Southwest corner of the Daniel Cushman Donation Land Claim No. 68 in Township 11 South Range 4 West of the Willamette Meridian, Linn County, Oregon; and running thence North 0°28' West 230.0 feet; thence East, parallel to the South line of said Donation Land Claim No. 68, a distance of 487.37 feet; thence North 902.44 feet to a 3/4" iron pipe on the South line of and East 1608.75 feet from the Southwest corner of said Donation Land Claim No. 68; thence West, along said South line, 702.73 feet to a 5/8" iron rod; ; thence South 0°28' East 889.46 feet; thence West 290.39 feet to the Easterly right of way line of the county road; thence South 10°28' East along said right of way 312 feet, more or less, to the Northerly right of way line of State Highway No. 34; thence Easterly along the Northerly right of way line of said State Highway to a point South 0°28' East of the point of beginning; thence North 0°28' West to the point of beginning.

SW Corner  
Daniel Cushman DLC  
11S4W32



Page 2 Policy No.16-24284

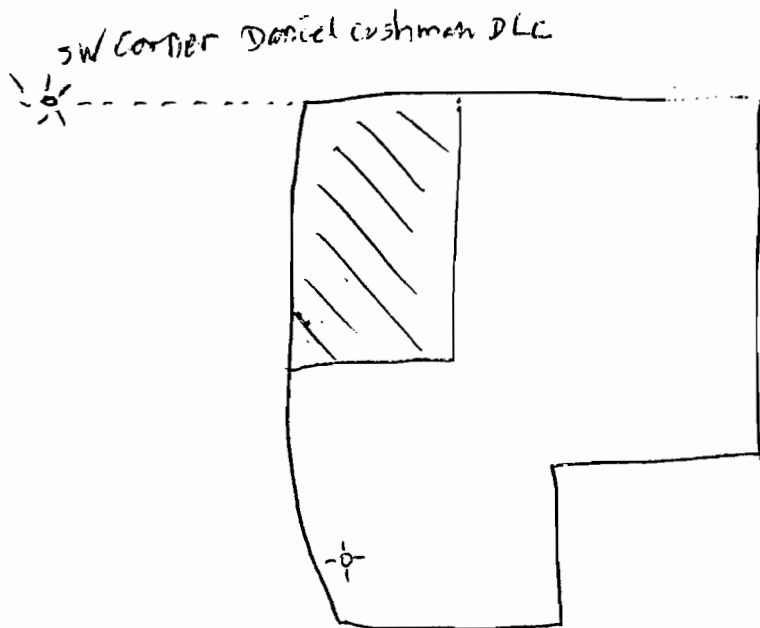
G-17442

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JUL 16 2007  
WATER RESOURCES DEPT  
SALEM, OREGON

G-110896

Beginning on the South line and East 558.82 feet from the Southwest corner of the Daniel Cushman Donation Land Claim No. 68 in Township 11 South, Range 4 West of the Willamette Meridian, Linn County, Oregon, said beginning point being on the East right of way line of the county road; and running thence East, along the South line of said Donation Land Claim No. 68, a distance of 347.20 feet to a 5/8" iron rod; thence South 0°28' East 889.46 feet; thence West 290.39 feet to the East right of way line of said county road; thence Northerly along said right of way line to the point of beginning.

11S 4W 32



Page 2 Policy No. 16-24285

OTI-63

G-17442

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WATER RESOURCES DEPT  
SALEM, OREGON

G-16896

Amount \$ 10,533.03

Date April 9, 1969

At 5:00 P.M.

INSURED

-----JAMES R. HEALD, MARY C. HEALD, AND ROBERT C. HEALD-----

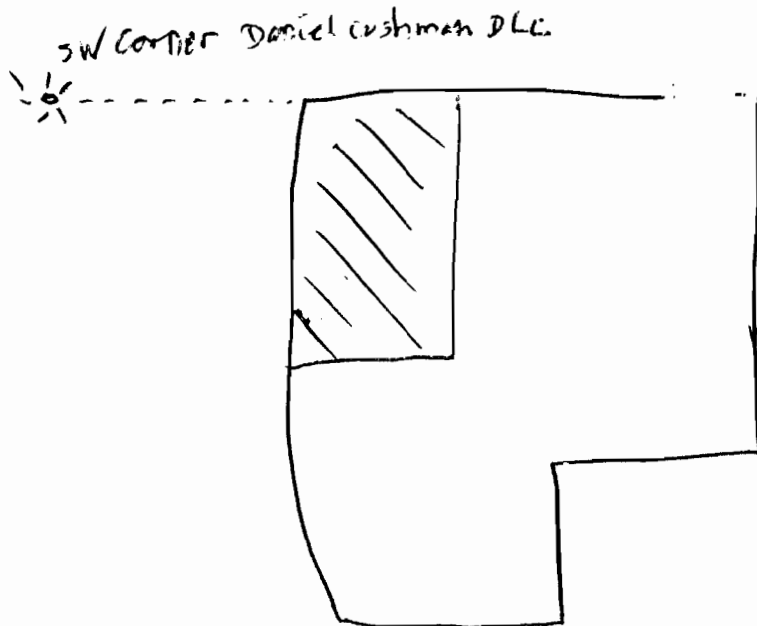
The fee simple title to said land is, at the date hereof, vested in

-JAMES R. HEALD, MARY C. HEALD, co-partners and ROBERT C. HEALD---  
as tenants in common,

The land referred to in this policy is described as:

Beginning on the South line and East 558.82 feet from the Southwest corner of the Daniel Cushman Donation Land Claim No. 68 in Township 11 South, Range 4 West of the Willamette Meridian, Linn County, Oregon, said beginning point being on the East right of way line of the county road; and running thence East, along the South line of said Donation Land Claim No. 68, a distance of 347.20 feet to a 5/8" iron rod; thence South 0°28' East 889.46 feet; thence West 290.39 feet to the East right of way line of said county road; thence Northerly along said right of way line to the point of beginning.

11S4W32



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WATER RESOURCES DEPT  
SALEM, OREGON

SCHEDULE A

Amount \$48,500.00

Date April 7, 1969

At 5:00 P.M.

INSURED

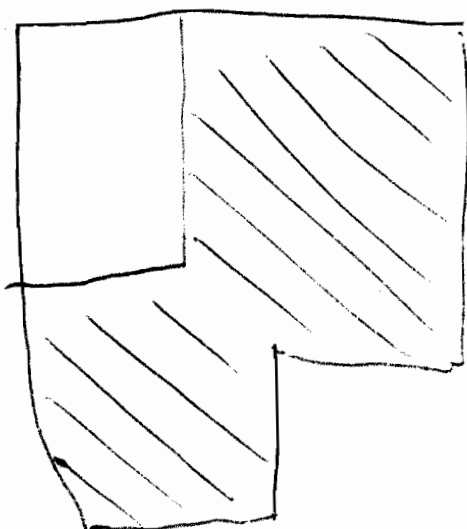
-----JAMES R. HEALD AND MARY C. HEALD-----  
-----and ROBERT C. HEALD-----

The fee simple title to said land is, at the date hereof, vested in  
GLEN N. WILSON AND ALICE M. WILSON, as tenants by the entirety, as  
to that portion indicated as Tax Lot 711; and GLEN N. WILSON AND  
ALICE M. WILSON, as tenants by the entirety as to all except that  
portion indicated as Tax Lot 711.

The land referred to in this policy is described as:

Beginning South 0°28' East 1132.46 feet from a point on the South  
line of and East 1114.02 feet from the Southwest corner of the  
Daniel Cushman Donation Land Claim No. 68 in Township 11 South  
Range 4 West of the Willamette Meridian, Linn County, Oregon; and  
running thence North 0°28' West 230.0 feet; thence East, parallel  
to the South line of said Donation Land Claim No. 68, a distance  
of 487.37 feet; thence North 902.44 feet to a 3/4" iron pipe on  
the South line of and East 1608.75 feet from the Southwest corner  
of said Donation Land Claim No. 68; thence West, along said South  
line, 702.73 feet to a 5/8" iron rod; ; thence South 0°28' East  
889.46 feet; thence West 290.39 feet to the Easterly right of way  
line of the county road; thence South 10°28' East along said right  
of way 312 feet, more or less, to the Northerly right of way line  
of State Highway No. 34; thence Easterly along the Northerly right  
of way line of said State Highway to a point South 0°28' East of  
the point of beginning; thence North 0°28' West to the point of  
beginning.

*SW Corner  
of Daniel Cushman DLC  
11 S 4 W 32*



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*G-7442*