

Application for a Permit to Use Ground Water

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NOV 07 2014



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

SALEM, OR Water-Use Permit Application Processing

1. Completeness Determination

The Department evaluates whether the application and accompanying map contain all of the information required under OAR 690-310-0040 and OAR 690-310-0050 (www.oregon.gov/owrd/law). The Department also determines whether the proposed use is prohibited by statute. If the Department determines that the application is incomplete, all fees have not been paid, or the use is prohibited by statute, the application and all fees submitted are returned to the applicant.

2. Initial Review

The Department reviews the application to determine whether water is available during the period requested, whether the proposed use is restricted or limited by rule or statute, and whether other issues may preclude approval of or restrict the proposed use. An Initial Review (IR) containing preliminary determinations is mailed to the applicant. The applicant has 14 days from the mailing date to withdraw the application from further processing and receive a refund of all fees paid minus \$200. The applicant may put the application on hold for up to 180 days and may request additional time if necessary.

3. Public Notice

Within 7 days of the mailing of the initial review, the Department gives public notice of the application in the weekly notice published by the Department at www.oregon.gov/owrd. The public comment period is 30 days from publication in the weekly notice.

4. Proposed Final Order Issued

The Department reviews any comments received, including comments from other state agencies related to the protection of sensitive, threatened or endangered fish species. Within 60 days of completion of the IR, the Department issues a Proposed Final Order (PFO) explaining the proposed decision to deny or approve the application. A PFO proposing approval of an application will include a draft permit, and may request additional information or outstanding fees required prior to permit issuance.

5. Public Notice

Within 7 days of issuing the PFO, the Department gives public notice in the weekly notice. Notice includes information about the application and the PFO. Protest must be received by the Department within 45 days after publication of the PFO in the weekly notice. Anyone may file a protest. The protest filing fee is \$350.00 for the applicant and \$700.00 for non-applicants. Protests are filed on approximately 10% of Proposed Final Orders. If a protest is filed, the Department will attempt to settle the protest but will schedule a contested case hearing if necessary.

6. Final Order Issued

If no protests are filed, the Department issues a Final Order consistent with the PFO. If the application is approved, a permit is issued that specifies the details of the authorized use and any terms, limitations or conditions that the Department deems appropriate.

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SECTION 1: APPLICANT INFORMATION AND SIGNATURE

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Applicant Information

NAME ANTONIA M. OLIVER		PHONE (HM) SALEM, OR	
PHONE (WK)	CELL		FAX
ADDRESS 550 NW 74 TH STREET			
CITY REDMOND	STATE OR	ZIP 97756	E-MAIL*

Organization Information

NAME N/A		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 JOHN A. SHORT		PHONE 541-389-2837		FAX
ADDRESS P.O. BOX 1830			CELL	
CITY BEND	STATE OR	ZIP 97709	E-MAIL* JOHNSHORT@USA.COM	

Note: Attach multiple copies as needed

* By providing an e-mail address, consent is given to receive all correspondence from the department electronically. (paper copies of the final order documents will also be mailed.)

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.

Antonia M. Oliver ANTONIA M. Oliver 11/18/2014
Applicant Signature Print Name and title if applicable Date

Applicant Signature

Print Name and title if applicable

Date

For Department Use

App. No. G-17964

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*).

You must provide the legal description of: 1. The property from which the water is to be diverted, 2. Any property crossed by the proposed ditch, canal or other work, and 3. Any property on which the water is to be used as depicted on the map.

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
DESC 56248	DESCHUTES RIVER	537'	151'

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*).

N/A

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SECTION 3: WELL DEVELOPMENT, CONTINUED

Total maximum rate requested: .038 CFS (each well will be evaluated at the maximum rate unless you indicate well-specific rates and annual volumes in the table below).

The table below must be completed for each source to be evaluated or the application will be returned. If this is an existing well, the 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 to obtain the necessary information.

6-17864

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)
DESC 56248	☐	☒	L-70669	☐	8"	1.5' – 58.5'	230' – 250'	N/A	193'	CONGLOMERATE SANDSTONE	250'	17 GPM	9 AF

* 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.

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SECTION 4: WATER USE

USE	PERIOD OF USE	ANNUAL VOLUME (ACRE-FEET)
IRRIGATION	APR. 1 – OCT. 31	9 AF

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: 3 Acres

Supplemental: N/A Acres

List the Permit or Certificate number of the underlying primary water right(s): G-16220

Indicate the maximum total number of acre-feet you expect to use in an irrigation season: 9 AF

- If the use is **municipal or quasi-municipal**, attach Form M
- If the use is **domestic**, indicate the number of households: N/A

If the use is **mining**, describe what is being mined and the method(s) of extraction: N/A

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): SUBMERSIBLE PUMP

☐ Other means (describe): _____

Provide a description of the proposed means of diversion, construction, and operation of the diversion works and conveyance of water.

WATER WILL BE PUMPED FROM WELL TO BURIED MAINLINES AND APPLIED FOR IRRIGATION THROUGH HIGH PRESSURE SPRINKLERS.

B. Application Method

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

BURIED MAINLINES AND HIGH PRESSURE SPRINKLERS.

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.

WATER WILL BE APPLIED DURING LOW EVAPORATION TIMES OF THE DAY.

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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: N/A Acreage inundated by reservoir: N/A

Use(s): N/A

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

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): N/A

USE OF STORED GROUND WATER	PERIOD OF USE
N/A	N/A

SECTION 8: PROJECT SCHEDULE

Date construction will begin: 3/2015

Date construction will be completed: 3/2016

Date beneficial water use will begin: 3/2017

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SECTION 9: WITHIN A DISTRICT

☐ Check here if the point of diversion or place of use are located within or served by an irrigation or other water district.

Irrigation District Name <u>N/A</u>	Address	
City	State	Zip

SECTION 10: REMARKS

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

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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

NOTE TO APPLICANTS

In order for your application to be processed by the Water Resources Department (WRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be used and developed. The planning official may choose to complete the form while you wait, or return the receipt stub to you. Applications received by WRD without the Land Use Form or the receipt stub will be returned to you. Please be aware that your application will not be approved without land use approval.

This form is NOT required if:

- 1) Water is to be diverted, conveyed, and/or used only on federal lands; **OR**
- 2) The application is for a water right transfer, allocation of conserved water, exchange, permit amendment, or ground water registration modification, and all of the following apply:
 - a) The existing and proposed water use is located entirely within lands zoned for exclusive farm-use or within an irrigation district;
 - b) The application involves a change in place of use only;
 - c) The change does not involve the placement or modification of structures, including but not limited to water diversion, impoundment, distribution facilities, water wells and well houses; and
 - d) The application involves irrigation water uses only.

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for or modifying a water right. The Water Resources Department (WRD) requires its applicants to obtain land-use information to be sure the water rights do not result in land uses that are incompatible with your comprehensive plan. Please complete the form or detach the receipt stub and return it to the applicant for inclusion in their water right application. You will receive notice once the applicant formally submits his or her request to the WRD. The notice will give more information about WRD's water rights process and provide additional comment opportunities. You will have 30 days from the date of the notice to complete the land-use form and return it to the WRD. If no land-use information is received from you within that 30-day period, the WRD may presume the land use associated with the proposed water right is compatible with your comprehensive plan. Your attention to this request for information is greatly appreciated by the Water Resources Department. If you have any questions concerning this form, please contact the WRD's Customer Service Group at 503-986-0801.

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G-17964

Land Use Information Form



Oregon Water Resources Department
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www.wrd.state.or.us

Applicant: ANTONIA
First

OLIVER
Last

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Mailing Address: 550 NW 74TH STREET

REDMOND
City

OR
State

97756
Zip

Daytime Phone:

SALEM, OR

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:
15S	12E	11	N/A D	00701	RR10	☒ Diverted	☒ Conveyed	☒ Used	PASTURE IRR.

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

DESCHUTES

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: .038 CFS ☒ 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:

WATER WILL BE PUMPED FROM WELL TO BURIED MAINLINES AND APPLIED FOR IRRIGATION THROUGH HIGH PRESSURE SPRINKLERS.

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.

See bottom of Page 3. →

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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): DCC 18.60.020 (b)
- ☐ 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:	
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued

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

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Name: _____ Title: Anthony Raguine, Senior Planner
 Signature: Anthony Raguine Phone: (541) 817-4739 Date: Nov. 5, 2014
 Government Entity: Deschutes County Community Development Department

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

Receipt for Request for Land Use Information

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

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Date _____

(For staff use only)



Oregon Water Resources Department
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WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):

- ☐ SECTION 1: _____
- ☐ SECTION 2: _____
- ☐ SECTION 3: _____
- ☐ SECTION 4: _____
- ☐ SECTION 5: _____
- ☐ SECTION 6: _____
- ☐ SECTION 7: _____
- ☐ SECTION 8: _____
- ☐ SECTION 9: _____
- ☐ Land Use Information Form _____
- ☐ Provide the legal description of: (1) the property from which the water is to be diverted, (2) any property crossed by the proposed ditch, canal or other work, and (3) any property on which the water is to be used as depicted on the map.
- ☐ Fees _____

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MAP

- ☐ Permanent quality and drawn in ink
- ☐ Even map scale not less than 4" = 1 mile (example: 1" = 400 ft, 1" = 1320 ft, etc.)
- ☐ North Directional Symbol
- ☐ Township, Range, Section, Quarter/Quarter, Tax Lots
- ☐ Reference corner on map
- ☐ Location of each well, and/or dam if applicable, by reference to a recognized public land survey corner (distances north/south and east/west). Each well must be identified by a unique name and/or number.
- ☐ Indicate the area of use by Quarter/Quarter and tax lot clearly identified
- ☐ Number of acres per Quarter/Quarter and hatching to indicate area of use if for primary irrigation, supplemental irrigation, or nursery
- ☐ Location of main canals, ditches, pipelines or flumes (if well is outside of the area of use)
- ☐ Other _____

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EXHIBIT "A"
LEGAL DESCRIPTION

A parcel of land located in a portion of the North One-Half of the Southeast One-Quarter (N1/2SE1/4) of Section Eleven (11), Township Fifteen (15) South, Range Twelve (12), East of the Willamette Meridian, Deschutes County, Oregon, being more particularly described as follows:

Parcel 2, Partition Plat No. 1999-53.

EXCEPTING THEREFROM: Beginning at the intersection of the northerly boundary of said Parcel 2 and the easterly right-of-way of said 74th Street; thence along said northerly boundary; South 89°21'34" East a distance of 841.75 feet to the northeast corner of said Parcel 2; thence along the easterly boundary of said Parcel 2 the following three (3) courses:

South 11°54'44" West a distance of 70.81 feet;
South 39°40'27" West a distance of 259.90 feet;
South 68°12'49" West a distance of 62.93 feet;

thence leaving said easterly boundary, North 89°22'14" West a distance of 343.47 feet; thence North 00°00'00" East a distance of 289.63 feet; thence North 90°00'00" West a distance of 255.78 feet to said easterly right-of-way of said 74th Street; thence along said easterly right-of-way, North 21°52'40" West a distance of 9.36 feet to the point of beginning.

TOGETHER WITH: A portion of Parcel 1, Partition Plat No. 1999-53 described as follows:

Beginning at the northwest corner of said Parcel 1; thence along the northerly boundary of said Parcel 1, South 89°21'34" East a distance of 402.12 feet to the westerly right-of-way of 74th Street; thence along said right-of-way, South 21°52'40" East a distance of 342.39 feet to the southerly boundary of said Parcel 1; thence along said southerly boundary, North 89°21'34" West a distance of 536.50 feet to the southwest corner of said Parcel 1; thence along the westerly boundary of said Parcel 1, North 01°13'42" East a distance of 316.31 feet to the point of beginning.

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STATE OF OREGON Water Supply Well Report

(as required by ORS 537.765)

DESC 56248

DESC

Received Date: 08-31-2004

Well ID Tag # L 70669

Start Card # 167172

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

(1) Owner

Well Number:

Name: SCOTT SMITH

Street: 69500 CROOKED HORSESHOE RD

City: SISTERS

State: OR Zip Code: 97759

(2) Type of Work

- ☒ New ☐ Alter (Recondition) ☐ Alter (Repair)
☐ Deepening ☐ Abandonment

(3) Drill Method

- ☒ Rotary Air ☐ Rotary Mud ☐ Cable ☐ Auger
Other:

(4) Proposed Use

- ☒ Domestic ☐ Community ☐ Industrial ☐ Irrigation ☐ Injection
☐ Livestock ☐ Thermal Other:

(5) Bore Hole Construction

- ☐ Special Standards: Depth of completed well: 250.00 ft.
☐ Explosives Used: Amount: Type:

Hole			Seal			
Diameter	From	To	Mtrl	From	To	Sacks/lbs
12.00	0.00	58.50	CE	-2.00	58.50	66
8.00	58.50	250.00	BC	0.00	2.00	1

How was seal placed? C

Other: POURED DRY

Back fill placed from:

Material:

Filter pack from:

Size:

(6) Casing / Liner

Casing/ Liner	Diameter	From	To	Gauge	Mtrl	Weld	Thrd	Shoe at	Shoe used
C	8.00	1.50	58.50	.250	S	X			
L	6.00	-10.00	250.00	.188	S	X			

(7) Perforation / Screens

Perforations:									
Mtrl	From	To	Width	Height	#Slots	Dia.	t/pSize	Casing/ Lnr	Method
S	230.00	250.00	0.13	3.00	216	6.00		L	MACHINE

Screens:						
Mtrl	From	To	S Size	#Slots	Dia.	t/pSize Type Gauge

(8) Well Tests (Minimum testing time is one hour)

Type	Yield	Units	Drawdown	Stem at	Duration
A	40.00	G		250.00	1.00

Temperature of Water: 51 F

Was water analysis done? ☐

Depth of artesian flow:

by whom?

Did any strata contain water unsuitable for use? ☐ Too Little ☐ Salty

☐ Muddy ☐ Odor ☐ Colored other:

Depth of strata:

(9) Location of Hole by legal description

County: DESC Latitude: Longitude:

Township: 15.00 S Range: 12.00 E

Section: 11 NWSE Lot: 0 Block: 0

Tax Lot: 701 Subdivision: PP199-53

Street Address of Well (or nearest address):

74TH REDMOND

MAP, with location identified, must be attached.

(10) Static Water Level

Feet below land surface: 193.0 Date: 08 / 18 / 2004

Artesian Pressure: Date:

(11) Water Bearing Zones

Depth at which water was first found: 205.00 ft.

From	To	est Flow	swl
205.00	250.00	40.00	193

(12) Well Log

Ground Elevation:

Material	From	To	swl
SAND PUMICE GRAVEL	0.00	35.00	
SANDSTONE	35.00	68.00	
LAVA	68.00	128.00	
SANDSTONE	128.00	205.00	
CONGLOMERATE SANDSTONE	205.00	250.00	193

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Date Started: 08 / 17 / 2004

Date Completed: 08 / 18 / 2004

(unbonded) Water Well Constructor Certification:

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

Signed by: ALLEN R PECK

WWC #: 1831

(bonded) Water Well Constructor Certification:

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

Signed by: JACK ABBAS

WWC #: 1720

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