

# Application for Permanent Water Right Transfer



**Oregon Water Resources Department**  
 725 Summer Street NE, Suite A  
 Salem, Oregon 97301-1266  
 (503) 986-0900  
[www.oregon.gov/OWRD](http://www.oregon.gov/OWRD)

## Part 1 of 5 – Minimum Requirements Checklist

**This transfer application will be returned if Parts 1 through 5 and all required attachments are not completed and included.**  
 For questions, please call (503) 986-0900, and ask for Transfer Section.

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**Check all items included with this application. (N/A = Not Applicable)**

- Part 1 – Completed Minimum Requirements Checklist.
- Part 2 – Completed Transfer Application Map Checklist.
- Part 3 – Application Fee, payable by check to the Oregon Water Resources Department, and completed Fee Worksheet, page 3. Try the new online fee calculator at: [http://apps.wrd.state.or.us/apps/misc/wrd\\_fee\\_calculator](http://apps.wrd.state.or.us/apps/misc/wrd_fee_calculator).
- Part 4 – Completed Applicant Information and Signature.
- Part 5 – Information about Water Rights to be Transferred: **How many water rights are to be transferred? 1 List them here: Certificate 82751 (Attachment A)**  
 Please include a separate Part 5 for each water right. (See instructions on page 6)  
**NOTE: A separate transfer application is required for each water right unless the criteria in OAR 690-380-3220 are met.**

**Attachments:**

- Completed Transfer Application Map. **Attachment B**
- Completed Evidence of Use Affidavit and supporting documentation. **Attachment C**
- N/A Affidavit(s) of Consent from Landowner(s) (if the applicant does not own the land the water right is on.)
- N/A Supplemental Form D – For water rights served by or issued in the name of an irrigation district. Complete when the transfer applicant is not the irrigation district. **Attachment D**
- N/A Oregon Water Resources Department’s Land Use Information Form with approval and signature from each local land use authority in which water is to be diverted, conveyed, and/or used. Not required if water is to be diverted, conveyed, and/or used only on federal lands or if **all** of the following apply: a) a change in place of use only, b) no structural changes, c) the use of water is for irrigation only, and d) the use is located within an irrigation district or an exclusive farm use zone. **Attachment E**
- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation. **Attachment F**
- N/A Geologist Report for a change from a surface water point of diversion to a ground water point of appropriation (well), if the proposed well is more than 500’ from the surface water source and more than 1000’ upstream or downstream from the point of diversion. See OAR 690-380-2130 for requirements and applicability.

**(For Staff Use Only)**

**WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S):**

<input type="checkbox"/> Application fee not enclosed/insufficient	<input type="checkbox"/> Map not included or incomplete
<input type="checkbox"/> Land Use Form not enclosed or incomplete	<input type="checkbox"/> Evidence of Use Form not enclosed or incomplete
<input type="checkbox"/> Additional signature(s) required	<input type="checkbox"/> Part _____ is incomplete

Other/Explanation \_\_\_\_\_

Staff: \_\_\_\_\_ 503- \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

## Part 2 of 5 – Transfer Application Map

Your transfer application will be returned if any of the map requirements listed below are not met.

Please be sure that the transfer application map you submit includes all the required items and matches the existing water right map. Check all boxes that apply.

- N/A Certified Water Right Examiner (CWRE) Stamp and Original Signature. For a list of CWREs, see [http://apps.wrd.state.or.us/apps/wr/cwre\\_license\\_view/](http://apps.wrd.state.or.us/apps/wr/cwre_license_view/). CWRE stamp and signature are not required for substitutions.
- N/A If **more than three** water rights are involved, separate maps are needed for each water right.
  - Permanent quality printed with dark ink on good quality paper.
  - The size of the map can be 8½ x 11 inches, 8½ x 14 inches, 11 x 17 inches, or up to 30 x 30 inches. For 30 x 30 inch maps, one extra copy is required.
  - A north arrow, a legend, and scale.
  - The scale of the map must be: 1 inch = 400 feet, 1 inch = 1,320 feet, the scale of the Final Proof/Claim of Beneficial Use Map (the map used when the permit was certificated), the scale of the county assessor map if the scale is not smaller than 1 inch = 1,320 feet, or a scale that has been pre-approved by the Department.
  - Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
  - Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
  - Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
  - Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
  - Existing place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions. If less than the entirety of the water right is being changed, a separate hachuring is needed for lands left unchanged.
- N/A Proposed place of use that includes separate hachuring for each water right, priority date, and use including number of acres in each quarter-quarter section, government lot, or in each quarter-quarter section as projected within government lots, donation land claims, or other recognized public land survey subdivisions.
- Existing point(s) of diversion or well(s) with distance and bearing or coordinates from a recognized survey corner. This information can be found in your water right certificate or permit.
- N/A If you are proposing a change in point(s) of diversion or well(s), show the proposed location and label it clearly with distance and bearing or coordinates. If GPS coordinates are used, latitude-longitude coordinates may be expressed as either degrees-minutes-seconds with at least one digit after the decimal (example – 42°32'15.5") or degrees-decimal with five or more digits after the decimal (example – 42.53764°).

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## Part 4 of 5 – Applicant Information and Signature

### Applicant Information

APPLICANT/BUSINESS NAME <b>City of Redmond, Attn: Josh Wedding</b>		PHONE NO. <b>(541)504-2022</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>411 SW 9<sup>th</sup> St</b>			FAX NO.
CITY <b>Redmond</b>	STATE <b>OR</b>	ZIP <b>97756</b>	E-MAIL <b>Joshua.wedding@redmondoregon.gov</b>
<b>BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.</b>			

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

AGENT/BUSINESS NAME <b>GSI Water Solutions, Inc. Attn: Owen McMurtrey</b>		PHONE NO. <b>(541)257-9005</b>	ADDITIONAL CONTACT NO.
ADDRESS <b>1600 SW Western Blvd, Suite 240</b>			FAX NO.
CITY <b>Corvallis</b>	STATE <b>OR</b>	ZIP <b>97333</b>	E-MAIL <b>OMcMurtrey@gsiws.com</b>
<b>BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.</b>			

Explain in your own words what you propose to accomplish with this transfer application, and why:  
**The applicant is proposing to add eight additional points of appropriation, Wells 1, 2, 4, 5, 6, 7, 8, and 9 to water right Certificate 82751.**

If you need additional space, continue on a separate piece of paper and attach to the application as "Attachment 1".

#### Check One Box

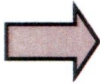
- By signing this application, I understand that, upon receipt of the draft preliminary determination and prior to Department approval of the transfer, I will be required to provide landownership information and evidence that I am authorized to pursue the transfer as identified in OAR 690-380-4010(5); **OR**
- I affirm the applicant is a municipality as defined in ORS 540.510(3)(b) and that the right is in the name of the municipality or a predecessor; **OR**
- I affirm the applicant is an entity with the authority to condemn property and is acquiring by condemnation the property to which the water right proposed for transfer is appurtenant and have supporting documentation.

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By my signature below, I confirm that I understand:

- Prior to Department approval of the transfer application, I may be required to submit payment to the Department for publication of a notice in a newspaper with general circulation in the area where the water right is located, once per week for two consecutive weeks. If more than one qualifying newspaper is available, I suggest publishing the notice in the following newspaper: Redmond Reporter
- Amendments to the application may only be made in response to the Department's Draft Preliminary Determination (DPD). The applicant will have a period of at least 30 days to amend the application to address any issues identified by the Department in the DPD, or to withdraw the application. Note that amendments may be subject to additional fees, pursuant to ORS 536.050.
- Failure to complete an approved change in place of use and/or change in character of use, will result in loss of the water right (OAR 690-380-6010).
- Refunds may only be granted upon request and, as set forth in ORS 536.050(4)(a), if the Director determines that a refund of all or part of a fee is appropriate in the interests of fairness to the public or necessary to correct an error of the Department.

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



Josh Wedding  
Applicant signature

Josh Wedding, City of Redmond  
Water Utilities Manager  
Print Name (and Title if applicable)

2-1-23  
Date

Is the applicant the sole owner of the land on which the water right, or portion thereof, proposed for transfer is located?  Yes  No\*

*\*If NO, include signatures of all deeded landowners (and mailing and/or e-mail addresses if different than the applicant's) or attach affidavits of consent (and mailing and/or e-mail addresses) from all landowners or individuals/entities to which the water right(s) were conveyed.*

Check the following boxes that apply:

- The applicant is responsible for completion of change(s). Notices and correspondence should continue to be sent to the applicant.
- The receiving landowner will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to this landowner.
- Both the receiving landowner and applicant will be responsible for completion of change(s). Copies of notices and correspondence should be sent to this landowner and the applicant.

At this time, are the lands in this transfer application in the process of being sold?  Yes  No **N/A - The Applicant is a municipality.**

If YES, and you know who the new landowner will be, please complete the receiving landowner information table below. If you do not know who the new landowner will be, then a request for assignment will have to be filed for at a later date.

If a property sells, the certificated water right(s) located on the land belong to the new owner, unless a sale agreement or other document states otherwise. For more information see:

[https://www.oregon.gov/owrd/WRDFormsPDF/Transfer\\_Property\\_Transactions.pdf](https://www.oregon.gov/owrd/WRDFormsPDF/Transfer_Property_Transactions.pdf)

RECEIVING LANDOWNER NAME <b>N/A</b>		PHONE NO.	ADDITIONAL CONTACT NO.
ADDRESS			FAX NO.
CITY	STATE	ZIP	E-MAIL
Describe any special ownership circumstances:			
The confirming Certificate shall be issued in the name of: <input type="checkbox"/> Applicant <input type="checkbox"/> Receiving Landowner			

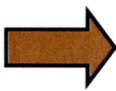
Check here if any of the water rights proposed for transfer are or will be located within or served by an irrigation or other water district. (Tip: Complete and attach Supplemental Form D.) **Attachment F**

**Water right 82751 is not served by, or issued in the name of, an irrigation district and is for municipal use.**

IRRIGATION DISTRICT NAME <b>Central Oregon Irrigation District</b>	ADDRESS <b>1055 SW Lake Rd</b>	
CITY <b>Redmond</b>	STATE <b>OR</b>	ZIP <b>97756</b>

Check here if water for any of the rights supplied under a water service agreement or other contract for stored water with a federal agency or other entity.

ENTITY NAME <b>N/A</b>	ADDRESS	
CITY	STATE	ZIP



To meet State Land Use Consistency Requirements, you must list all county, city, municipal corporation, or tribal governments within whose jurisdiction water will be diverted, conveyed or used.

ENTITY NAME <b>City of Redmond Planning Department</b>	ADDRESS <b>411 SW 9<sup>th</sup> St</b>	
CITY <b>Redmond</b>	STATE <b>OR</b>	ZIP <b>97756</b>

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**Part 5 of 5 – Water Right Information**

**CERTIFICATE # 82751**

**Description of Water Delivery System**

System capacity: 2.45 cubic feet per second (cfs) **OR**

\_\_\_\_\_ gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines, and sprinklers used to divert, convey, and apply the water at the authorized place of use. **The City's water distribution system relies on 6 typically active wells and conveys water via a piping system. Well 3 is 800 feet deep and the pump is set at 457 feet deep. The typical pumping water level is approximately 377 feet.**

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**Table 1. Location of Authorized and Proposed Point(s) of Diversion (POD) or Appropriation (POA)**

(Note: If the POD/POA name is not specified on the certificate, assign it a name or number here.)

POD/POA Name or Number	Is this POD/POA Authorized on the Certificate or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L-___)	Twp	Rng	Sec	¼	¼	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)		
Well 1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 3853	15	S	13	E		100	South 83 degrees 30 minutes West, 546 feet from N ¼ corner, Section 9		
Well 2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 3879					16	NW	SW	3200	North 27 degrees 24 minutes East, 1800 feet from SW corner, Section 16
Well 3	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	DESC 3951					22	NE	SW	100	2440 feet North and 1,410 feet East from the SW corner of Section 22
Well 4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 407					20	SE	SW	2300	North 82 degrees 41 minutes West, 3945 feet from SE corner, Section 20
Well 5	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 51647					20	NE	NE	2900	South 5 degrees 48 minutes East, 1800 feet from SW corner, Section 16
Well 6	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 55853					21	NW	SE	400	North 35 degrees 38 minutes 4 seconds West, 2444 feet from SE corner, Section 21
Well 7	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 57788					10	SW	SE	1100	1210 feet North and 1640 feet West from SE corner, Section 10
Well 8	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	DESC 62721					19	SE	SW	102	513 feet North and 2,807 feet West from the SE corner of Section 19
Well 9	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	N/A					9	SW	SW	200	185 feet North and 1,190 feet East from the SW corner of Section 9

**Check all type(s) of change(s) proposed below (change "CODES" are provided in parentheses):**

- |   |  |
|---|--|
| <input type="checkbox"/> Place of Use (POU)                               | <input type="checkbox"/> Supplemental Use to Primary Use (S to P)            |
| <input type="checkbox"/> Character of Use (USE)                           | <input type="checkbox"/> Point of Appropriation/Well (POA)                   |
| <input type="checkbox"/> Point of Diversion (POD)                         | <input checked="" type="checkbox"/> Additional Point of Appropriation (APOA) |
| <input type="checkbox"/> Additional Point of Diversion (APOD)             | <input type="checkbox"/> Substitution (SUB)                                  |
| <input type="checkbox"/> Surface Water POD to Ground Water<br>POA (SW/GW) | <input type="checkbox"/> Government Action POD (GOV)                         |

**Will all of the proposed changes affect the entire water right?**

- Yes Complete only the Proposed ("to" or "on" lands) section of Table 2 on the next page. Use the "CODES" listed above to describe the proposed changes.
- No Complete all of Table 2 to describe the portion of the water right to be changed.



Please use and attach additional pages of Table 2 as needed.  
See page 6 for instructions.

Do you have questions about how to fill-out the tables?  
Contact the Department at 503-986-0900 and ask for Transfer Staff.

**Table 2. Description of Changes to Water Right Certificate # 82751**

List the change proposed for the acreage in each ¼ ¼. If more than one change is proposed, specify the acreage associated with each change.  
If there is more than one POD/POA involved in the proposed changes, specify the acreage associated with each POD/POA.

AUTHORIZED (the "from" or "off" lands) The listing that appears on the certificate BEFORE PROPOSED CHANGES List only that part or portion of the water right that will be changed.											Proposed Changes (see "CODES" from previous page)	PROPOSED (the "to" or "on" lands) The listing as it would appear AFTER PROPOSED CHANGES are made.														
Twp	Rng	Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acre	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date		Twp	Rng	Sec	¼	¼	Tax Lot	Gvt Lot or DLC	Acre	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date				
<b>EXAMPLE</b>																										
2	S	9	E	15	NE	NW	100		15.0	Irrigation	POD #1 POD #2	1901	POU/POD	2	S	9	E	1	NW	NW	500	1	10.0		POD #5	1901
														2	S	9	E	2	SW	NW	500		5.0		POD #6	1901
													APOA	See Map (Attachment B) for POU								Well 1 Well 2 Well 3 Well 4 Well 5 Well 6 Well 7 Well 8 Well 9	11/07/1979			
TOTAL ACRES:												TOTAL ACRES:											N/A			

Additional remarks: **The applicant is proposing to add eight additional points of appropriation, Wells 1, 2, 4, 5, 6, 7, 8, and 9 to water right Certificate 82751.**

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**For Place of Use or Character of Use Changes**

Are there other water right certificates, water use permits or ground water registrations associated with the “from” or the “to” lands?  Yes  No

If YES, list the certificate, water use permit, or ground water registration numbers: N/A - The authorized use is municipal, so water rights are not 'layered'.



Pursuant to ORS 540.510, any “layered” water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

**For Substitution** (ground water supplemental irrigation will be substituted for surface water primary irrigation)  
**N/A**

Ground water supplemental Permit or Certificate # \_\_\_\_\_;  
 Surface water primary Certificate # \_\_\_\_\_.

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**For a change from Supplemental Irrigation Use to Primary Irrigation Use N/A**

Identify the primary certificate to be cancelled. Certificate # \_\_\_\_\_

**For a change in point(s) of appropriation (well(s)) or additional point(s) of appropriation:**

- Well log(s) are attached for each authorized and proposed well(s) that are clearly labeled and associated with the corresponding well(s) in Table 1 above and on the accompanying application map. **See Attachment E for well logs for Wells 1 through 8.**

**Tip:** You may search for well logs on the Department’s web page at:  
[http://apps.wrd.state.or.us/apps/gw/well\\_log/Default.aspx](http://apps.wrd.state.or.us/apps/gw/well_log/Default.aspx)

**AND/OR**

- Describe the construction of the authorized and proposed well(s) in Table 3 for any wells that do not have a well log. For *proposed wells not yet constructed or built*, provide “a best estimate” for each requested information element in the table. The Department recommends you consult a licensed well driller, geologist, or certified water right examiner to assist with assembling the information necessary to complete Table 3.

**Table 3. Construction of Point(s) of Appropriation**

Any well(s) in this listing must be clearly tied to corresponding well(s) described in Table 1 and shown on the accompanying application map. Failure to provide the information will delay the processing of your transfer application until it is received. The information is necessary for the department to assess whether the proposed well(s) will access the same source aquifer as the authorized point(s) of appropriation (POA). The Department is prohibited by law from approving POA changes that do not access the same source aquifer.

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No. L-____	Total well depth	Casing Diameter	Casing Intervals (feet)	Seal depth(s) (intervals)	Perforated or screened intervals (in feet)	Static water level of completed well (in feet)	Source aquifer (sand, gravel, basalt, etc.)	Well -specific rate (cfs or gpm). If less than full rate of water right
Well 9	No	N/A	800 ft	16 in.	+2-800	0-100 ft	507-547 567-797	259 ft	Basalt and Alluvial Deposits	3,300 gpm

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STATE OF OREGON

COUNTY OF DESCHUTES

CERTIFICATE OF WATER RIGHT

THIS CERTIFICATE ISSUED TO

CITY OF REDMOND  
875 SE SISTERS ST.  
REDMOND OR 97756

confirms the right to use the waters of WELL 3 for MUNICIPAL USES.

This right was perfected under Permit G-8866. The date of priority is NOVEMBER 7, 1979. The amount of water to which this right is entitled is limited to an amount actually used beneficially, and shall not exceed 2.45 CUBIC FEET PER SECOND or its equivalent in case of rotation, measured at the well.

The well is located as follows:

Twp	Rng	Mer	Sec	Q-Q	Survey Coordinates
15 S	13 E	WM	22	NE SW	2440 FEET NORTH & 1410 FEET EAST FROM SW CORNER, SECTION 22

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

Twp	Rng	Mer	Sec	Q-Q
15 S	13 E	WM	4	NE NE
15 S	13 E	WM	4	NW NE
15 S	13 E	WM	4	SW NE
15 S	13 E	WM	4	SE NE
15 S	13 E	WM	4	NE NW
15 S	13 E	WM	4	NW NW
15 S	13 E	WM	4	SW NW
15 S	13 E	WM	4	SE NW
15 S	13 E	WM	4	NE SW
15 S	13 E	WM	4	NW SW
15 S	13 E	WM	4	SW SW
15 S	13 E	WM	4	SE SW
15 S	13 E	WM	4	NE SE
15 S	13 E	WM	4	NW SE

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

This is an order in other than a contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080, you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied. In addition, under ORS 537.260 any person with an application, permit or water right certificate subsequent in priority may jointly or severally contest the issuance of the certificate at any time before it has issued, and after the time has expired for the completion of the appropriation under the permit, or within three months after issuance of the certificate.

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Twp	Rng	Mer	Sec	Q-Q
15 S	13 E	WM	4	SW SE
15 S	13 E	WM	4	SE SE
15 S	13 E	WM	8	NE NE
15 S	13 E	WM	8	SE NE
15 S	13 E	WM	8	NE SE
15 S	13 E	WM	8	SE SE
15 S	13 E	WM	9	NE NE
15 S	13 E	WM	9	NW NE
15 S	13 E	WM	9	SW NE
15 S	13 E	WM	9	SE NE
15 S	13 E	WM	9	NE NW
15 S	13 E	WM	9	NW NW
15 S	13 E	WM	9	SW NW
15 S	13 E	WM	9	SE NW
15 S	13 E	WM	9	NE SW
15 S	13 E	WM	9	NW SW
15 S	13 E	WM	9	SW SW
15 S	13 E	WM	9	SE SW
15 S	13 E	WM	9	NE SE
15 S	13 E	WM	9	NW SE
15 S	13 E	WM	9	SW SE
15 S	13 E	WM	9	SE SE
15 S	13 E	WM	10	NW NW
15 S	13 E	WM	10	SW NW
15 S	13 E	WM	10	SE NW
15 S	13 E	WM	10	NE SW
15 S	13 E	WM	10	NW SW
15 S	13 E	WM	10	SW SW
15 S	13 E	WM	10	SE SW
15 S	13 E	WM	15	NE NW
15 S	13 E	WM	15	NW NW
15 S	13 E	WM	15	SW NW
15 S	13 E	WM	15	SE NW
15 S	13 E	WM	15	NE SW
15 S	13 E	WM	15	NW SW
15 S	13 E	WM	15	SW SW
15 S	13 E	WM	15	SE SW
15 S	13 E	WM	15	NW SE
15 S	13 E	WM	15	SW SE
15 S	13 E	WM	15	SE SE
15 S	13 E	WM	16	NE NE
15 S	13 E	WM	16	NW NE
15 S	13 E	WM	16	SW NE
15 S	13 E	WM	16	SE NE
15 S	13 E	WM	16	NE NW
15 S	13 E	WM	16	NW NW
15 S	13 E	WM	16	SW NW
15 S	13 E	WM	16	SE NW
15 S	13 E	WM	16	NE SW
15 S	13 E	WM	16	NW SW
15 S	13 E	WM	16	SW SW

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Twp	Rng	Mer	Sec	Q-Q
15 S	13 E	WM	16	SE SW
15 S	13 E	WM	16	NE SE
15 S	13 E	WM	16	NW SE
15 S	13 E	WM	16	SW SE
15 S	13 E	WM	16	SE SE
15 S	13 E	WM	17	NE NE
15 S	13 E	WM	17	SE NE
15 S	13 E	WM	17	NE SE
15 S	13 E	WM	17	SE SE
15 S	13 E	WM	19	SE SW
15 S	13 E	WM	19	NE SE
15 S	13 E	WM	19	SW SE
15 S	13 E	WM	20	NE NE
15 S	13 E	WM	20	SW NE
15 S	13 E	WM	20	SE NE
15 S	13 E	WM	20	NE SW
15 S	13 E	WM	20	NW SW
15 S	13 E	WM	20	SW SW
15 S	13 E	WM	20	SE SW
15 S	13 E	WM	20	NE SE
15 S	13 E	WM	20	NW SE
15 S	13 E	WM	20	SW SE
15 S	13 E	WM	20	SE SE
15 S	13 E	WM	21	NE NE
15 S	13 E	WM	21	NW NE
15 S	13 E	WM	21	NE NW
15 S	13 E	WM	21	NW NW
15 S	13 E	WM	21	SW NW
15 S	13 E	WM	21	SE NW
15 S	13 E	WM	21	NE SW
15 S	13 E	WM	21	NW SW
15 S	13 E	WM	21	SW SW
15 S	13 E	WM	22	NE NE
15 S	13 E	WM	22	NW NE
15 S	13 E	WM	22	SW NE
15 S	13 E	WM	22	SE NE
15 S	13 E	WM	22	NE NW
15 S	13 E	WM	22	NW NW
15 S	13 E	WM	22	SW NW
15 S	13 E	WM	22	SE NW
15 S	13 E	WM	22	NE SW
15 S	13 E	WM	22	NW SW
15 S	13 E	WM	22	SW SW
15 S	13 E	WM	22	SE SW
15 S	13 E	WM	22	NE SE
15 S	13 E	WM	22	NW SE
15 S	13 E	WM	22	SW SE
15 S	13 E	WM	22	SE SE
15 S	13 E	WM	23	NW NE
15 S	13 E	WM	23	SW NE
15 S	13 E	WM	23	NE NW



Twp	Rng	Mer	Sec	Q-Q
15 S	13 E	WM	23	NW NW
15 S	13 E	WM	23	SW NW
15 S	13 E	WM	23	SE NW
15 S	13 E	WM	23	NE SW
15 S	13 E	WM	23	NW SW
15 S	13 E	WM	23	SW SW
15 S	13 E	WM	23	SE SW
15 S	13 E	WM	23	NW SE
15 S	13 E	WM	23	SW SE
15 S	13 E	WM	26	NW NE
15 S	13 E	WM	26	NE NW
15 S	13 E	WM	26	NW NW
15 S	13 E	WM	26	SW NW
15 S	13 E	WM	26	SE NW
15 S	13 E	WM	27	NE NE
15 S	13 E	WM	27	NW NE
15 S	13 E	WM	27	SW NE
15 S	13 E	WM	27	SE NE
15 S	13 E	WM	27	NE NW
15 S	13 E	WM	27	NW NW
15 S	13 E	WM	27	SW NW
15 S	13 E	WM	27	SE NW
15 S	13 E	WM	29	NE NE
15 S	13 E	WM	29	NW NE
15 S	13 E	WM	29	SE NE
15 S	13 E	WM	30	NE NW

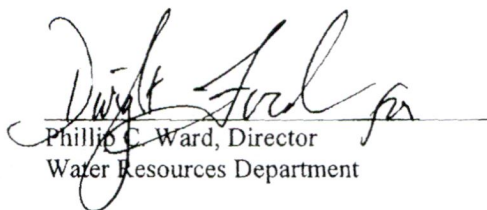
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The well shall be maintained in accordance with the General Standards for the Construction and Maintenance of Water Wells in Oregon.

The water user shall install and maintain a weir, meter, or other suitable measuring device and keep a complete record of the amount of ground water withdrawn.

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

WITNESS the signature of the Water Resources Director, affixed **DEC 15 2006**

  
Phillip C. Ward, Director  
Water Resources Department

**Mikaela Clarke**

---

**From:** STARNES Patrick K \* WRD <Patrick.K.STARNES@water.oregon.gov>  
**Sent:** Thursday, August 25, 2022 2:45 PM  
**To:** Mikaela Clarke  
**Subject:** RE: Map scale waiver request for City of Redmond

Good Afternoon Mikaela,

The Department grants a map scale waiver for that attached transfer application map for the City of Redmond.

Please include a printed copy of this e-mail when you submit the transfer application.

Sincerely,

Kelly

\*\*\*\*\*

Kelly Starnes, Transfer Program Analyst  
Oregon Water Resources Department  
725 Summer St NE Suite A  
Salem OR 97301-1271  
Cell phone: 503-979-3511 Fax: 503-986-0903  
E-mail: [patrick.k.starnes@water.oregon.gov](mailto:patrick.k.starnes@water.oregon.gov)

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Please Note: Under Oregon Law, messages to and from this e-mail address may be available to the public.

\*\*\*\*\*

---

**From:** Mikaela Clarke <mclarke@gsiws.com>  
**Sent:** Thursday, August 25, 2022 12:27 PM  
**To:** STARNES Patrick K \* WRD <Patrick.K.STARNES@water.oregon.gov>  
**Cc:** Owen McMurtrey <OMcMurtrey@gsiws.com>  
**Subject:** Map scale waiver request for City of Redmond

Hi Kelly,

The City of Redmond is preparing a transfer to add eight wells to one of its water rights, Certificate 82751. Because of the size of Redmond's service area, we are requesting a map scale waiver so that we can show the POU and POAs on one figure. I have attached the map we prepared, which uses a scale of 1 inch = 3,000 feet.

Please let us know if you have any questions.

Thank you,

**Mikaela Clarke**  
mobile: 971-212-0276  
1600 SW Western Boulevard, Suite 240, Corvallis, OR 97333  
GSI Water Solutions, Inc. | [www.gsiws.com](http://www.gsiws.com)  
Pronouns: she, her or they, them

# Application for Water Right Transfer

## Evidence of Use Affidavit



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

Please print legibly or type. Be as specific as possible. Attach additional pages if you need more spacing. Supporting documentation must be attached.

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 SALEM, OREGON

State of Oregon )  
 ) ss  
 County of DESCHUTES

I, JOSH WEDDING, in my capacity as WATER UTILITIES MANAGER, CITY OF REDMOND,

mailing address 411 SW 9<sup>TH</sup> St, REDMOND, OR 97756

telephone number (541)504-2022, being first duly sworn depose and say:

1. My knowledge of the exercise or status of the water right is based on (check one):

- Personal observation  Professional expertise

2. I attest that:

Water was used during the previous five years on the **entire** place of use for Certificate # 82751; **OR**

My knowledge is specific to the use of water at the following locations within the last five years:

Certificate #	Township	Range	Mer	Sec	¼ ¼	Gov't Lot or DLC	Acres (if applicable)

OR

- Confirming Certificate # \_\_\_\_\_ has been issued within the past five years; **OR**
- Part or all of the water right was leased instream at some time within the last five years. The instream lease number is: \_\_\_\_\_ (Note: If the entire right proposed for transfer was not leased, additional evidence of use is needed for the portion not leased instream.); **OR**
- The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.
- Water has been used at the actual current point of diversion or appropriation for more than 10 years for Certificate # \_\_\_\_\_ (For Historic POD/POA Transfers)

3. The water right was used for: (e.g., crops, pasture, etc.): MUNICIPAL

4. I understand that if I do not attach one or more of the documents shown in the table below to support the above statements, my application will be considered incomplete.

(continues on reverse side)



Joe Weidling  
Signature of Affiant

2-1-23  
Date

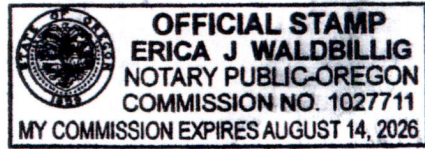
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Signed and sworn to (or affirmed) before me this 1 day of February, 2023.

Erica J. Waldbillig  
Notary Public for Oregon

My Commission Expires: 8/14/2026

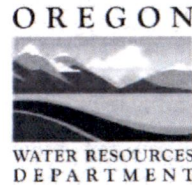


Supporting Documents	Examples
<input type="checkbox"/> Copy of a water right certificate that has been issued within the last five years. (not a remaining right certificate)	Copy of <b>confirming</b> water right certificate that shows issue date
<input type="checkbox"/> Copies of receipts from sales of irrigated crops or for expenditures related to use of water	<ul style="list-style-type: none"> <li>• Power usage records for pumps associated with irrigation use</li> <li>• Fertilizer or seed bills related to irrigated crops</li> <li>• Farmers Co-op sales receipt</li> </ul>
<input type="checkbox"/> Records such as FSA crop reports, irrigation district records, NRCS farm management plan, or records of other water suppliers	<ul style="list-style-type: none"> <li>• District assessment records for water delivered</li> <li>• Crop reports submitted under a federal loan agreement</li> <li>• Beneficial use reports from district</li> <li>• IRS Farm Usage Deduction Report</li> <li>• Agricultural Stabilization Plan</li> <li>• CREP Report</li> </ul>
<input type="checkbox"/> Aerial photos containing sufficient detail to establish location and date of photograph	<p>Multiple photos can be submitted to resolve different areas of a water right. If the photograph does not print with a "date stamp" or without the source being identified, the date of the photograph and source should be added.</p> <p>Sources for aerial photos: OSU – <a href="http://www.oregonexplorer.info/imagery">www.oregonexplorer.info/imagery</a> OWRD – <a href="http://www.wrd.state.or.us">www.wrd.state.or.us</a> Google Earth – <a href="http://earth.google.com">earth.google.com</a> TerraServer – <a href="http://www.terraserver.com">www.terraserver.com</a></p>
<input type="checkbox"/> Approved Lease establishing beneficial use within the last 5 years	Copy of instream lease or lease number
<input checked="" type="checkbox"/> The water right is not subject to forfeiture and documentation that a presumption of forfeiture for non-use would be rebutted under ORS 540.610(2) is attached.	<b>This is a municipal water right and a presumption of forfeiture would be rebutted under ORS 540.610(2)(a) and (b). See water right Certificate 82751 (Attachment A).</b>

# Supplemental Form D

## Water Right Transfers Within the Boundaries of or Served by an Irrigation District or other Water Supplier (Association, Ditch Co., etc.)

[For transfers submitted under OAR Chapter 690 Division 380]



**Oregon Water Resources Department**  
 725 Summer Street NE, Suite A  
 Salem, Oregon 97301-1266  
 503-986-0900  
 www.oregon.gov/OWRD

The Department requires non-district applicants to communicate with districts/water suppliers during the planning and preparation of transfer applications involving water rights having a point of diversion or appropriation (POD/POA) or place of use (POU) served by or located within the boundaries of an irrigation district, or other type of water supplier to which assessments are paid. In some cases consent will be required from the district or water supplier.

This form must be included with any transfer application that involves rights served by or located within the boundaries of a district or other type of water supplier.

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### 1. APPLICANT INFORMATION

NAME <b>CITY OF REDMOND, ATTN: JOSH WEDDING</b>			PHONE (HM) <b>OWRD SALEM, OREGON</b>
PHONE (WK) <b>(541)504-2022</b>	CELL	FAX	
ADDRESS <b>411 SW 9<sup>TH</sup> ST</b>			
CITY <b>REDMOND</b>	STATE <b>OR</b>	ZIP <b>97756</b>	E-MAIL** <b>JOSHUA.WEDDING@REDMONDREGON.GOV</b>

### 2. DISTRICT or WATER SUPPLIER INFORMATION

DISTRICT/WATER SUPPLIER NAME <b>CENTRAL OREGON IRRIGATION DISTRICT, ATTN: LESLIE CLARK</b>			PHONE (HM)
PHONE (WK)	CELL	FAX	
ADDRESS <b>1055 SW LAKE RD</b>			
CITY <b>REDMOND</b>	STATE <b>OR</b>	ZIP <b>97756</b>	E-MAIL** <b>LESLIEC@COID.ORG</b>

\*\* By providing an e-mail address, the applicant and/or the district/water supplier consents to receive all correspondence from the Department electronically. Copies of final order documents will also be mailed.

### 3. WATER RIGHTS ISSUED IN THE NAME OF, or LOCATED WITHIN, or SERVED BY AN IRRIGATION DISTRICT, OTHER DISTRICT, OR WATER SUPPLIER

a. List the water right(s) involved in this transfer:

	Application / Decree	Permit / Previous Transfer	Certificate	Is the water right in the name of a district, water supplier, or BOR*?
1.	<b>G-9462</b>	<b>G-8866</b>	<b>82751</b>	YES <input type="checkbox"/>
2.	-	-	-	YES <input type="checkbox"/>
3.	-	-	-	YES <input type="checkbox"/>

Attach additional pages for additional water rights if necessary.

\*Bureau of Reclamation

b. Determine a district's/water supplier's connection to your points of diversion (POD) or appropriation (POA) and places of use (POU). [You may need to consult with your district/water supplier.]

**CURRENT ASSOCIATIONS** Please answer the following "yes" or "no" questions:

YES  NO  One or more of the current POD(s) / POA(s) involved in the transfer are served by a district/water supplier or rely on BOR water.

YES  NO  All or a portion of the current POU involved in this proposed transfer receives water for either primary or supplemental irrigation from the district/water supplier; i.e., the POU is currently layered with a district or BOR water supplied water right(s).

**PROPOSED ASSOCIATIONS** Please answer the following "yes" or "no" questions:

YES  NO  One or more of the proposed POD(s) / POA(s) involved in the transfer are currently served or will be served by a district/water supplier if the transfer is approved, or rely on BOR water.

YES  NO  All or a portion of the proposed POU involved in this proposed transfer currently receives or will receive either primary or supplemental irrigation from the district/water supplier; i.e., the POU will be layered with a district/water supplier or BOR water supplied water right(s).

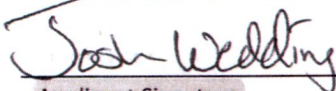
**COMMENTS OR ADDITIONAL INFORMATION** THE APPLICANT IS A MUNICIPALITY SO NONE OF THE WATER USED WILL BE SERVED BY THE IRRIGATION DISTRICT.

**4. APPLICANT'S SIGNATURE**

(1) I certify that I have notified the district/water supplier about the proposed water right transfer application by [check one]:

email,  phone,  postal mail,  in person, or  other (please specify) \_\_\_\_\_

(2) I certify that to the best of my knowledge the information contained in this Supplemental Form D is true and accurate.

  
Applicant Signature

Josh Wedding, City of Redmond  
Water Utilities Manager  
Name (print)

2-1-23  
Date

**5. (WHEN REQUIRED) DISTRICT or WATER SUPPLIER CONSENT TO THE PROPOSED WATER RIGHT TRANSFER**

District Manager or Water Supplier consent is **required** if any box on this form is marked "YES."

The district/water supplier certifies the following:

- (1) The district/water supplier has reviewed the applicant's proposed water right transfer application and maps; and
- (2) The district/water supplier consents to the proposed water right transfer application.

YES  NO  After proof of completion, the confirming water right certificate is to remain in the name of the U.S. Bureau of Reclamation or the district/water supplier.

YES  NO  The district/water supplier will be responsible for submitting the claim of beneficial use prepared by a Certified Water Rights Examiner (CWRE).

\_\_\_\_\_  
Signature of District Manager /Water Supplier      Name (print), Title      Date

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# Land Use Information Form

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OWRD  
SALEM, OREGON



Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, Oregon 97301-1266  
(503) 986-0900  
www.oregon.gov/OWRD

## 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.



**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. →

# Land Use Information Form



Oregon Water Resources Department  
 725 Summer Street NE, Suite A  
 Salem, Oregon 97301-1266  
 (503) 986-0900  
 www.oregon.gov/OWRD

RECEIVED  
 FEB 15 2023  
 CIVIL  
 SALEM OREGON

Applicant(s): City of Redmond, ATTN: Josh Wedding

Mailing Address: 411 SW 9<sup>th</sup> St

City: Redmond

State: OR

Zip Code: 97756

Daytime Phone: (541)504-2022

## 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:
<u>15 S</u>	<u>13 E</u>	<u>9</u>	<u>NE NW</u>	<u>151309BA00100</u>	<u>Redmond Open Space Park Reserve</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	<u>Municipal</u>
		<u>16</u>	<u>NW SW</u>	<u>151316CB03200</u>	<u>Public Facility (PF)</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
		<u>20</u>	<u>SE SW</u>	<u>151320CD02300</u>	<u>PF</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
		<u>20</u>	<u>NE NE</u>	<u>151320AA02900</u>	<u>PF</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
		<u>21</u>	<u>NW SE</u>	<u>151321D000400</u>	<u>Park</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
		<u>10</u>	<u>SW SE</u>	<u>1100</u>	<u>PF</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
		<u>19</u>	<u>SE SW</u>	<u>151319CD00102</u>	<u>PF</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
		<u>9</u>	<u>SW SW</u>	<u>200</u>	<u>PF</u>	<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	
<b>See map for authorized place of use</b>						<input checked="" type="checkbox"/> Diverted <input checked="" type="checkbox"/> Conveyed <input type="checkbox"/> Used	

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

City of Redmond

## 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: 2.45    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:

**The City of Redmond is proposing to add 8 existing wells, wells 1, 2, 4, 5, 6, 7, 8, and one proposed well, well 9 to water right Certificate 82751. The locations of the proposed wells are listed in the table above. These wells are already authorized points of appropriation under the City's other water rights.**

FEB 15 2023

CIVIL SERVICE  
SALARY BOARD

### For Local Government Use Only

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

**Please check the appropriate box below and provide the requested information**

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

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

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

Name: John Roberts Title: Deputy City Manager  
 Signature: [Signature] Phone: 923.7750 Date: 2-1-23  
 Government Entity: City of Redmond

**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: \_\_\_\_\_

200000 V1 KB 7-11 96

RECEIVED

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

DESC 50323

JUN - 3 1996

(START CARD) # W-83169

Instructions for completing this report are on the last page of WATER RESOURCES DEPT

(1) OWNER: Well Number SALEM, OREGON Name ALBERT F. PHILLIPS Address 4527 SE 60th AVE City Portland State OR Zip 97206

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

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

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

(5) BORE-HOLE CONSTRUCTION: Special Construction approval [ ] Yes [X] No Depth of Completed Well 80 ft. Explosives used [ ] Yes [X] No Type Amount

Table with columns: Diameter, From, To, Material, From, To, Sacks or pounds. Row 1: 10, 0, 18, Hole Plug, 0, 18, 200 LBS. Row 2: 6, 18, 80.

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

(6) CASING/LINER: Table with columns: Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded. Row 1: Casing: 6, +1, 80, 250, [X], [ ], [X], [ ]

Final location of shoe(s)

(7) PERFORATIONS/SCREENS: [X] Perforations Method torchcut [ ] Screens Type 256 Material Steel. Table with columns: From, To, Slot size, Number, Diameter, Casing, Liner.

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

Table with columns: Yield gal/min, Drawdown, Drill stem at, Time. Row 1: 15, 4', 24 min.

Temperature of water 43 Depth Artesian Flow Found Wax a water analysis done? [ ] Yes By whom Did any strata contain water not suitable for intended use? [ ] Too little [ ] Salty [X] Muddy [X] Odor [X] Colored [ ] Other Wood Depth of strata: 62-70

(9) LOCATION OF WELL by legal description: County Deschutes Latitude Longitude Township 20-S N or S Range 10-2 E or W. WM. Section 12.04 NW 1/4 SE 1/4 Tax Lot 22901 Lot Block Subdivision Street Address of Well (or nearest address) 56410 Siler Bend rd

(10) STATIC WATER LEVEL: 21 ft. below land surface. Date 5-29-96 Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES: Depth at which water was first found 62

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 62, 80, 157, 21

(12) WELL LOG: Ground Elevation

Table with columns: Material, From, To, SWL. Rows: fine silt soil (0-3), sand gravel clay (3-9), gray clay (9-35), green clay (35-62), cinder's sand wood (62-70), cinder's sand (70-80)

Date started 5-29-96 Completed 5-29-96

(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.

WVC Number Date

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction status 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.

WVC Number 1539 Date 5-30-96

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

14172



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

DE 50413

JUL 24 1996

LC 3877

(START CARD) # W-83142

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

SALEM, OREGON

(1) OWNER: Well Number \_\_\_\_\_  
 Name Stan Russell  
 Address 52938 Sundown Rd  
 City Lafayette State OR Zip 97737

(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 32 ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
<u>6</u>	<u>0</u>	<u>18</u>	<u>Hotchkiss</u>	<u>0</u>	<u>18</u>	<u>400 LBS</u>
<u>6</u>	<u>18</u>	<u>30</u>				

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: <u>6</u>	<u>1</u>	<u>30</u>	<u>250</u>	<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 torch cut  
 Screens Type 220 Material steel

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
<u>70</u>	<u>80</u>	<u>1/8</u>	<u>32</u>	<u>6</u>		<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
<u>12</u>	<u>5'</u>		<u>72 HR</u>

Temperature of water 43 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 Sandy  
 Depth of strata: 32-30 32-70

(9) LOCATION OF WELL by legal description:  
 County Deschutes Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 21-5 N or S Range 10-2 E or W. WM.  
 Section 21-0 NW 1/4 SE 1/4  
 Tax Lot 600 Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) 15985 Dittus Rd Lafayette, OR 97737

(10) STATIC WATER LEVEL:  
 \_\_\_\_\_ 32 ft. below land surface. Date 7-16-96  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) WATER BEARING ZONES:  
 Depth at which water was first found 32

From	To	Estimated Flow Rate	SWL
<u>32</u>	<u>80</u>	<u>8-10</u>	<u>32</u>

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

Material	From	To	SWL
<u>surface soil</u>	<u>0</u>	<u>4</u>	<u>32</u>
<u>sand gravel clays</u>	<u>4</u>	<u>27</u>	
<u>fine sand</u>	<u>27</u>	<u>70</u>	
<u>course sand</u>	<u>70</u>	<u>80</u>	

Date started 7-16-96 Completed 7-16-96

(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.  
 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 1551  
 Signed \_\_\_\_\_ Date 7-19-96

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

MAY 20 1987

Pg. 1 of 2

15-13E-22c

DESC 3957

**(1) OWNER:**  
 Name City of Redmond  
 Address 455 South Seventh St.  
 City Redmond State Oregon Zip 97756

WATER RESOURCES DEPT  
 Owner's Well Number Prod. #5  
 SALEM, OREGON

**(2) TYPE OF WORK:**  
 New Well  Deepen  Recondition  Abandon

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

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

**(5) BORE HOLE CONSTRUCTION:**  
 Depth of Completed Well 801 ft.  
 Special Standards date of approval \_\_\_\_\_

HOLE		SEAL		Amount		
meter	From To	Material	From To	sacks	or pounds	
24"	0	744	Cement	0	36'	110 sacks

How was seal placed? Method  A  B  C  D  E  
 Other Pressure Grouted  
 Backfill placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Material Tumalo gravel  
 Gravel placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of gravel Monterey Sand

**(6) CASING/LINER:**

Casing:	Diameter	From	To	Gauge	Steel		Plastic		Welded		Threaded	
					PS	PS	PS	PS	PS	PS	PS	PS
	18"	+2	515'	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	18"	537	595	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	18"	635	650	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	18"	690	744	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Liner:	12"	716	757	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12"	777	790	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	12"	800	801	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**(7) PERFORATIONS/SCREENS:**

Perforations Method \_\_\_\_\_  
 Screens Type PS Material S.Steel

m	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
15'	537	.070	22'	18"	PS	<input type="checkbox"/>	<input type="checkbox"/>
595	635	.070	40'	18"	PS	<input type="checkbox"/>	<input type="checkbox"/>
650	690	.070	40'	18"	PS	<input type="checkbox"/>	<input type="checkbox"/>
757	777	.070	20'	12"	PS	<input type="checkbox"/>	<input type="checkbox"/>
790	800	.070	10'	12"	PS	<input type="checkbox"/>	<input type="checkbox"/>

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

Pump  Bailer  Air  Flowing Artesian

Yield gal/min \_\_\_\_\_ Pumping level \_\_\_\_\_ Drill stem at \_\_\_\_\_ Time 1 hr

To Be Tested Later by City of Redmond

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 no

Depth of strata: \_\_\_\_\_

**(9) LOCATION OF WELL by legal description:**  
 County Deschutes Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township 15S N or S, Range 13 E or W, WM.  
 Section 22 SW 1/4  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) 2498 S. Airport Way  
Redmond, Oregon, 97756

**(10) STATIC WATER LEVEL:**  
310 ft. below land surface. Date 1-30-87  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

**(11) WELL LOG:** Ground elevation unknown

Material	From	To	WB?	SWL
Fill	0	4		
Top Soil	4	5		
Rock Lava-Solid	5	15		
Broken Lava	15	22		
Black Lava-Solid	22	31		
Red Cindered Lava	31	35		
Black Lava-Broken	35	75		
Reddish Lava-Broken	75	85		
Red Cindered Lava	85	94		
Black Lava & Brown Stone	94	120		
Black Lava	120	129		
Brown Sandstone	129	134		
Black Lava	134	142		
Black Lava-Broken	142	165		
Reddish Brown Broken Rock	165	177		
Black Lava	177	186		
Brown Sandstone	186	210		
Brown Sand & Gravel	210	243		
Rocks & Brown Sand	243	265		
Brown Sand & Gravels	265	270		
Broken Lava	270	283		
Black Lava-Solid	283	307		
Brown Claystone-Blk. Lava	307	322	315'	
Black Sand-Conglomerate	322	345		
Brown Sand & Pea Gravel	345	365		
Brown Sandstone-Blk. Cind	365	375		
Brown Sandstone	375	390		
Silty & Coarse Sand	390	455		
Brown Sand & Gravel	455	475		
(muddy)				
Brown Sand & Gravel	475	494		

Date started Aug. 5-86 Completed May 18-87

**(unbonded) Water Well Constructor Certification:**  
 I constructed this well in compliance with Oregon well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
 Signed Carl Labounty Date May 18, 1987

**(bonded) Water Well Constructor Certification:**  
 I accept responsibility for construction of this well and its compliance with all Oregon water well standards. This report is true to the best of my knowledge and belief.  
 Signed Orvail Buckner Date May 18, 1987  
 Company Orvail Buckner Well Drill'g, Inc.  
 Co. Job No. \_\_\_\_\_

14172

RECEIVED

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

MAY 20 1987

155/13E-22c

(1) OWNER: City of Redmond, SALEM, OREGON, Prod. #5, SALEM, OREGON DEPT.

(2) TYPE OF WORK: [X] New Well [ ] Deepen [ ] Recondition [ ] Abandon

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

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

BORE HOLE CONSTRUCTION: Table with columns for HOLE Diameter, SEAL Material, and Amount sacks or pounds.

How was seal placed? Method [ ] A [ ] B [ ] C [ ] D [ ] E [ ] Other

(6) CASING/LINER: Table with columns for Diameter, From, To, Gauge, Steel, Plastic, Welded, Threaded.

Table for Casing and Liner specifications.

location of shoe(s)

PERFORATIONS/SCREENS:

[ ] Perforations Method [ ] Screens Type [ ] Material

Table for Perforations/Screen specifications.

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

[ ] Pump [ ] Bailer [ ] Air [ ] Flowing Artesian. Yield gal/min, Pumping level, Drill stem at, Time 1/4 hr, 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:

(9) LOCATION OF WELL by legal description: County Deschutes, Township 15S, Range 13, Section 22 SW 1/4

(10) STATIC WATER LEVEL: 310 ft. below land surface. Date 1-30-87. Artesian pressure lb. per square inch.

(11) WELL LOG: Ground elevation unknown

WELL LOG Table with columns: Material, From, To, WB?, SWL. Includes materials like Red Cindere Lava, Brown Sand & Gravels, etc.

RECEIVED FEB 15 2023 OWRD SALEM, OREGON

Date started Aug. 5-86 Completed May 18-87

(unbonded) Water Well Constructor Certification: I constructed this well in compliance with Oregon well construction standards. Signed Paul Sabersburg Date May 18-87

(bonded) Water Well Constructor Certification: I accept responsibility for construction of this well and its compliance with all Oregon water well standards. Signed Duail Baker Date May 18-87

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

**RECEIVED**

JUL 12 1985

WATER RESOURCES DEPT. PRINT IN INK

SALEM, OREGON

*DESC 407* sec. *155/13E-22E*  
*per Wm 10*  
*22 CW*

(for official use only)

**(1) OWNER:**

Name City of Redmond  
 Address City Hall  
 City Redmond State Oreg.  
97756

**(2) TYPE OF WORK (check):**

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

**(3) TYPE OF WELL:**

Rotary Air  Driven  Domestic  Industrial  Municipal   
 Rotary Mud  Dug  Irrigation  Thermal  Withdrawal  ReInjection   
 Bored  Other: Piezometric  Grounding  Test

**(4) PROPOSED USE (check):**

Domestic  Industrial  Municipal   
 Irrigation  Thermal  Withdrawal  ReInjection   
 Other: Piezometric  Grounding  Test

**(5) CASING INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
 18" Diam. from +3 ft. to -718 1/2 ft. Gauge .375  
 " Diam. from ft. to ft. Gauge

**LINER INSTALLED:**

Steel  Plastic   
 Threaded  Welded   
 12" Diam. from 707 1/2 ft. to 765 ft. Gauge .250

**(6) PERFORATIONS:**

Perforated?  Yes  No  
 Size of perforations in. by in.  
 perforations from ft. to ft.  
 perforations from ft. to ft.  
 perforations from ft. to ft.

**(7) SCREENS:**

Well screen installed?  Yes  No  
 Manufacturer's Name Johnson  
 Type P.S. (see pg. 3 for full screen info)  
 Diam. 18 Slot Size .050 Set from 533.5 ft. to 553.5 ft.  
 Diam. 12 Slot Size .050 Set from 735 ft. to 755 ft.

**(8) WELL TESTS:**

Drawdown is amount water level is lowered below static level.  
 Was a pump test made?  Yes  No If yes, by whom? Buckner Pump  
 : 1300 gal./min. with 40 ft. drawdown after 72 hrs.  
 Air test gal./min. with drill stem at ft. hrs.  
 Bailer test gal./min. with ft. drawdown after hrs.  
 Artesian flow g.p.m.  
 perature of water 54\* Depth artesian flow encountered ft.

**(9) CONSTRUCTION:**

Special standards: Yes  No   
 Well seal—Material used Portland Cement  
 Well sealed from land surface to 50 ft.  
 Diameter of well bore to bottom of seal 24 in.  
 Diameter of well bore below seal 24 in.  
 Amount of sealing material 85 sacks  pounds   
 How was cement grout placed? Pumped

Was pump installed? NO Type HP Depth ft.  
 Was a drive shoe used?  Yes  No Plugs Size: location ft.  
 Did any strata contain unusable water?  Yes  No  
 Type of Water? depth of strata  
 Method of sealing strata off  
 Was well gravel packed?  Yes  No Size of gravel: Monterey #8  
 Gravel placed from 520 ft. to 765 ft.

**(10) LOCATION OF WELL by legal description:**

County Deschutes SE 1/4 NW 1/4 of Section 20 of  
 Township 15S Range 13E WM.  
 (Township is North or South) (Range is East or West)  
 Tax Lot Lot Block Subdivision  
 MAILING ADDRESS OF WELL (or nearest address) unknown

**(11) WATER LEVEL of COMPLETED WELL:**

Depth at which water was first found 362 ft.  
 Static level 362 ft. below land surface. Date 5-24-85  
 Artesian pressure lbs. per square inch. Date

**(12) WELL LOG:**

Diameter of well below casing 765 ft.  
 Depth drilled 765 ft. Depth of completed well 765 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.

MATERIAL	From	To	SWL
Top Soil, Sandy	0	2	
Broken Lava Conglomerate	2	8	
Lava Conglomerate	8	27	
Broken Lava, Cindery	27	30	
Red-Black Lava, Solid	30	55	
Pumice Conglomerate	55	60	
White Pumice	60	92	
Cindery Black Rock	92	97	
Red-Black Cindery Rock	97	105	
Cinders & Clinkers	105	113	
Red Cinders	113	122	
Cinders & Lava Rock	122	126	
Black Basalt	126	137	
Red-Black Basalt, Broken	137	143	
Hard, Black Basalt	143	247	
Red Cinders, Soft	247	251	
Black Basalt	251	254	
Red Cinders	254	345	
Brown Sandstone, Mild	345	365	
Brown Sandstone, Coarser	365	374	
Brown Sandstone w/Pea Gravel	374	385	
Date work started <u>11-27-84</u> /completed <u>5-25-85</u>			
Date well drilling machine moved off of well <u>5-25</u> 19 <u>85</u>			

**(unbonded) Water Well Constructor Certification (if applicable):**

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.  
 (Signed) Art Miller Date 6-6, 19 85

**(bonded) Water Well Constructor Certification:**

Bond 10596951 Issued by: AMWEST  
 (number) (Surety Company Name)  
 On behalf of Buckner Pump Service  
 (type or print name of Water Well Constructor)

This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief:  
 (Signed) Robert Buckner  
 (Water Well Constructor)  
 (Dated) June 6, 1985

1/2" gravel from 50' to 520'

NOTICE TO WATER WELL CONSTRUCTOR  
 The original and first copy of this report are to be filed with the

RECEIVED  
 JUN 15 2023

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

SP\*46866-690

14172

RECEIVED

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

JUL 12 1985

PLEASE TYPE or PRINT IN INK

WATER RESOURCES DEPT

(for official use only)

(1) OWNER:

SALEM, OREGON

Name City of Redmond Address City Hall City Redmond State Oreg. 97756

(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 Air [ ] Driven [ ] Domestic [ ] Industrial [ ] Municipal [X] Rotary Mud [ ] Dug [ ] Irrigation [ ] Thermal: [ ] Withdrawal [ ] ReInjection [ ] Other: [ ] Piezometric [ ] Grounding [ ] Test [ ]

(5) CASING INSTALLED:

18" Diam. from +3 ft. to -718 1/2 ft. Gauge 375

LINER INSTALLED:

12" Diam. from 707 1/2 ft. to 765 ft. Gauge 250

(6) PERFORATIONS:

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

(7) SCREENS:

Well screen installed? [X] Yes [ ] No Manufacturer's Name Johnson Type P.S. (see pg. 3 for full screen info) Diam. 18 Slot Size .050 Set from 533.5 ft. to 553.9 ft.

(8) WELL TESTS:

Was a pump test made? [X] Yes [ ] No If yes, by whom? Buckner Pump i: 1300 gal./min. with 40 ft. drawdown after 72 hrs.

(9) CONSTRUCTION:

Well seal—Material used Portland Cement Well sealed from land surface to 50 ft. Diameter of well bore to bottom of seal 24 in.

(10) LOCATION OF WELL by legal description:

County Deschutes SE 1/4 NW 1/4 of Section 20 Township 15S Range 13E WM.

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 362 ft. Static level 362 ft. below land surface. Date 5-24-85

(12) WELL LOG:

Depth drilled 765 ft. Diameter of well below casing --- ft. Depth of completed well 765 ft.

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 362 ft. Static level 362 ft. below land surface. Date 5-24-85 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

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 columns: MATERIAL, From, To, SWL. Rows include: Dk. Brwn. Sandstone & Blk. Sand, Dk. Brwn. Sandstone-blk. Sand, Brwn. Sandstone-finer Sand, Dk. Brown Sandstone, some mult-colored pea gravels, possible water-465-485', Grey-Brwn. Tufted Ash Layer, Sandstone Conglomerate, Slow Drilling Gravels-Dk. Brwn, Med. Brwn. Sandstone, Fine grained w/some clay bondg, Coarse, DK. Brwn. Sandstone w/1/4" minus pea gravels, Coarse DK. Brwn. Sandstone W/more gravel-harder, Finer Grained Sandstone.

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] [Signature] Date 6-6, 19 85

(bonded) Water Well Constructor Certification:

Bond 10596951 Issued by: AMWEST (number) (Surety Company Name) On behalf of Buckner Pump Service (type or print name of Water Well Constructor)

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

(Signed) [Signature] (Water Well Constructor)

(Dated) June 6, 1985

1/2 gravel from 50' to 920'

NOTICE TO WATER WELL CONSTRUCTOR The original and first copy of this report are to be filed with the

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

RECEIVED FEB 15 2020

RECEIVED

155/13E-226

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

JUL 12 1985

PLEASE TYPE or PRINT IN INK WATER RESOURCES DEPT

(for official use only)

(1) OWNER:

SALEM, OREGON

Name City of Redmond Address City Hall City Redmond State Oreg. 97756

(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 Air [ ] Driven [ ] Domestic [ ] Industrial [ ] Municipal [X] Thermal: Rotary Mud [ ] Dug [ ] Irrigation [ ] Withdrawal [ ] Reinjection [ ] Other: [X] Bored [ ] Piezometric [ ] Grounding [ ] Test [ ]

(5) CASING INSTALLED:

Steel [X] Plastic [ ] Threaded [ ] Welded [X] 18" Diam. from +3 ft. to -718 1/2 ft. Gauge .375

LINER INSTALLED:

Steel [X] Plastic [ ] Threaded [ ] Welded [X] 12" Diam. from 707 1/2 ft. to 765 ft. Gauge .250

(6) PERFORATIONS:

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

(7) SCREENS:

Well screen installed? [X] Yes [ ] No Manufacturer's Name Johnston Type P.S. Model No. Diam. 18 Slot Size .050 Set from 533.5 ft. to 553.5 ft. and 593.5' to 633.5' and 688.5 to 708.5'

(8) WELL TESTS:

Drawdown is amount water level is lowered below static level Was a pump test made? [X] Yes [ ] No If yes, by whom? l: 1300 gal./min. with 40 ft. drawdown after 72 hrs. Air test gal./min. with drill stem at ft. hrs. Bailer test gal./min. with ft. drawdown after hrs. Artesian flow g.p.m. perature of water 54\* Depth artesian flow encountered ft.

(9) CONSTRUCTION:

Special standards: Yes [ ] No [X] Well seal—Material used Portland cement 50 Well sealed from land surface to 24 ft. Diameter of well bore to bottom of seal 24 in. Diameter of well bore below seal 24 in. Amount of sealing material 85 sacks [X] pounds [ ] How was cement grout placed? Pumped Was pump installed? no Type HP Depth ft. Was a drive shoe used? [ ] Yes [X] No Plugs Size: location ft. Did any strata contain unusable water? [ ] Yes [X] No Type of Water? depth of strata Method of sealing strata off Was well gravel packed? [X] Yes [ ] No Size of gravel: Monterey #8 Gravel placed from 520 ft. to 765 ft.

3/4" gravel from 50' to 520' NOTICE TO WATER WELL CONSTRUCTOR The original and first copy of this report are to be filed with the

(10) LOCATION OF WELL by legal description:

County Deschutes 1/4 of Section 20 of Township 15S Range 13E WM. (Township is North or South) (Range is East or West) Tax Lot, Lgt, Block, Subdivision MAILING ADDRESS OF WELL (or nearest address) unknown

(11) WATER LEVEL of COMPLETED WELL:

Depth at which water was first found 362 ft. Static level 362 ft. below land surface. Date 5-24-85 Artesian pressure lbs. per square inch. Date

(12) WELL LOG:

Diameter of well below casing --- Depth drilled 765 ft. Depth of completed well 765 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 columns: MATERIAL, From, To, SWL. Rows include Sand & Some Gravels-unstable, Sandstone-Brwn W/some tuff ash and whites, Brown Sandstone W/ more Cinders, Sands and Gravels, Dk. Grey Basalt.

Date work started 11-27-84 /completed 5-25-85 Date well drilling machine moved off of well 5-25-85 19

(unbonded) Water Well Constructor Certification (if applicable):

This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.

[Signed] Date 6-6, 19 85

(bonded) Water Well Constructor Certification:

Bond 10596951 Issued by: AMWEST (number) (Surety Company Name) On behalf of Buckner Pump Service (type or print name of Water Well Constructor)

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

(Signed) (Water Well Constructor) (Dated) June 6, 1985

**WATER SUPPLY WELL REPORT**

(as required by ORS 537.765)

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

51647

Page 3

(START CARD) # 101989

**(1) OWNER:** Well Number: #5  
 Name **City of Redmond**  
 Address **P.O. Box 726**  
 City **Redmond** State **OR** Zip **97756**

**(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 **802** ft.  
 Explosives used  Yes  No Type \_\_\_\_\_ Amount \_\_\_\_\_

HOLE			SEAL			Amount
Diameter	From	To	Material	From	To	sacks or pounds
26"	0	802	Cement	0	100	297 Sacks
26"	0	802	Cement	370	400	66 sacks

How was seal placed: Method  A  B  C  D  E  
 Other  
 Backfill placed from **100** ft. to **375** ft. Material **Bentonite**  
 Gravel placed from **400** ft. to **802** ft. Size of gravel **#6 SilicaRes**

**(6) CASING/LINER:**

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	16"	+2	507	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	16"	547	567	.375	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	16"	797	802	.375	<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)

**(7) PERFORATIONS/SCREENS:**

Perforations Method \_\_\_\_\_  
 Screens Type **Stainless** Material **316L**

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
507	547	.080		16"	Pipe	<input checked="" type="checkbox"/>	<input type="checkbox"/>
567	797	.080		16"	Pipe	<input type="checkbox"/>	<input type="checkbox"/>

**(8) WELL TESTS: Minimum testing time is 1 hour**  
 Pump  Bailor  Air  Flowing Artesian  
 Yield gal/min **2300** Drawdown **2.5'** Drill stem at **360** Time **24 hr.**

Temperature of Water **57** Depth Artesian Flow found \_\_\_\_\_  
 Was a water analysis done?  Yes By whom **Coffee Labs**  
 Did any strata contain water not suitable for intended use?  Too little  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: **208**

**(9) LOCATION OF WELL by legal description:**  
 County **Deschutes** Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **15S** N or S. Range **13E** E or W. of WM. \_\_\_\_\_  
 Section **20AA** NE  $\frac{1}{4}$  NE  $\frac{1}{4}$  \_\_\_\_\_  
 Tax Lot **2900** Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) **19th & Quartz Ave.**

**(10) STATIC WATER LEVEL:**  
**259** ft. below land surface. Date **3/23/98**  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

**(11) WATER BEARING ZONES:**  
 Depth at which water was first found **208**

From	To	Estimated Flow Rate	SWL
208	209	30+	208
275	405	1000	208
536	802	9000	259

**(12) WELL LOG:** Ground elevation \_\_\_\_\_

Material	From	To	SWL
Gray Basalt	0	39	
Red & Black Cinders	39	40	
Brown Ash & Cinders	40	45	
Brown Basalt	45	48	
Gray Basalt	48	54	
Brown Ash	54	55	
Gray Basalt	55	81.5	
Gray Tuff	81.5	86	
Hard Gray Basalt	86	101.5	
Gray Volcanic Conglomerate	101.5	124	
Brown Ash Conglomerate	124	125	
Fracture Lost Cuttings (Grouted)	125	131	
Brown Conglomerate	131	136	
Brown & Gray Lava with Ash	136	157	
Gray Basalt & Ash	157	159	
Red Ash (Soft)	159	161	
Brown & Gray Basalt & Ash	161	167	
Hard Gray & Brown Basalt	167	172	
Soft Brown Ash	172	174	
Gray Basalt Medium Hard	174	177	
Brown & Gray Basalt with Brown Ash	177	184	
Brown & Gray Basalt with Gray Ash	184	190	
Reddish Brown Ash with Broken Basalt	190	204	
Brown Lava with Ash	204	208	

Continued on next page  
 Date started **8/29/97** Completed **3/23/95**

**(unbonded) Water Well Constructor Certification:**  
 I certify that the work performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
 JUL 1998  
 Signed \_\_\_\_\_ WWC Number \_\_\_\_\_  
 \_\_\_\_\_  
 WATER RESOURCES DEPT. SALEM, OREGON

**(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 **Robert Buck** WWC Number **1385**  
 Date **4-27-98**  
 Western Water Development Corporation

ORIGINAL & FIRST COPY - WATER RESOURCES DEPARTMENT SECOND COPY - CONSTRUCTOR THIRD COPY - CUSTOMER

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**WATER SUPPLY WELL REPORT**

(as required by ORS 537.765)

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

(START CARD) # **101989**

Page 2 of 2

51647

**(1) OWNER:** Well Number: \_\_\_\_\_  
 Name **City of Redmond**  
 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 \_\_\_\_\_

Diameter	HOLE		Material	SEAL		Amount sacks or pounds
	From	To		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"/>
Liner:					<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	Method		Casing	Liner
						Type	Material		
								<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  Bailor  Air  Flowing Artesian  
 Yield gal/min \_\_\_\_\_ Drawdown \_\_\_\_\_ Drill stem at \_\_\_\_\_ Time \_\_\_\_\_

Temperature of Water \_\_\_\_\_ Depth Artesian Flow found \_\_\_\_\_  
 Was a water analysis done?  Yes  No By whom \_\_\_\_\_  
 Did any strata contain water not suitable for intended use?  Yes  No  
 Salty  Muddy  Odor  Colored  Other \_\_\_\_\_  
 Depth of strata: \_\_\_\_\_

**(9) LOCATION OF WELL by legal description:**  
 County \_\_\_\_\_ Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
 Township **15S** N or S. Range **13E** E or W. of WM.  
 Section **20AA** 1/4 \_\_\_\_\_ 1/4 \_\_\_\_\_  
 Tax Lot \_\_\_\_\_ 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
Red Cinders WB (sealed off)	208	209	208
Brown Lava with Ash	209	226	208
Hard Gray Lava with Ash	226	235	208
Brown Conglomerate	235	245	208
Gray Conglomerate	245	275	208
Brown Conglomerate WB	275	305	208
Brown Lava with Gray Ash WB	305	325	208
Brown & Gray Conglomerate WB	325	342	208
Brown Lava & Ash WB	342	366	208
Brown Conglomerate with Ash WB	366	389	208
Brown & Gray Conglomerate	389	405	208
Brown Lava with Ash	405	425	208
Gray Conglomerate with Brown Basalt	425	439	208
Hard Gray Lava with Brown Ash	439	459	208
Medium Hard Gray Lava some Ash	459	480	208
Hard Gray Lava with Ash	480	508	208
Hard Gray Basalt	508	536	208
Broken Lava, Sand, Gravel WB	536	565	259
Silty Sand & Lava Chunks WB	565	608	259
Brown, Gray Broken Lava Hard WB	608	681	259
Brown Sand & Gravel WB	681	691	259
Brown Vesicular Lava WB	691	706	259
Medium Gray Basalt WB	706	710	259
Brown Vesicular Basalt	710	714	259

Continued on next page  
 Date started **8-21-97** Completed **3-23-98**

**(unbonded) Water Well Constructor Certification:**  
 I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to my best knowledge and belief.  
 Signed **JUL 1 1998** WWC Number \_\_\_\_\_ Date \_\_\_\_\_

**(bonded) Water Well Constructor Certification:**  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.  
 Signed \_\_\_\_\_ WWC Number **1385** Date \_\_\_\_\_  
**Western Water Development Corporation**

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 SALEM, OREGON

14172



51647

**(1) OWNER:** Well Number: \_\_\_\_\_  
 Name **City of Redmond**  
 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			Amount 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"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

**(7) PERFORATIONS/SCREENS:**

Perforations		Method		Material	
From	To	Slot size	Number	Tele/pipe size	Material

**(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 **15S** N or S. Range **13E** E or W. of WM.  
 Section **20AA** ¼ \_\_\_\_\_ ¼ \_\_\_\_\_  
 Tax Lot \_\_\_\_\_ 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
Gray Broken Lava Hard WB	714	738	259
Brown Vesicular Lava Pinholes WB	738	765	259
Brown & Gray Lava WB	765	783	259
Soft Brown Conglomerate WB	783	802	259

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 SALEM, OREGON  
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 WATER RESOURCES DEPT.  
 SALEM, OREGON

Date started **8-21-97** Completed **3-23-98**

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

**(bonded) Water Well Constructor Certification:**  
 I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.  
 Signed \_\_\_\_\_ WWC Number **1385**  
 Date \_\_\_\_\_  
**Western Water Development Corporation**



Desc  
55853

# DRILLERS' LOG OF BOREHOLE

BOREHOLE REDMOND WELL #6

PAGE 1 OF 6

LOC. OR COORDS. SE 1/4 Sec.

DRILLER WESTERN WATER

START FINISH

21, T.15S., R.13E. (Williamette Nar.)

DEVELOPMENT

DATE 4/02/03 10/21/03

GROUND ELEV. \_\_\_\_\_

TIME 08:30 16:00

TOTAL DEPTH \_\_\_\_\_

RIG BACTRUS-ERIE 36L

GEOPHYS. LOG YES NO

BOREHOLE DIAM. 2.6"

BIT(S) 2.6" Star

HOW LEFT See Const. log

FLUID Not Applicable

LOCATION 121° 10' 28" W 44° 15' 13" N  
LOGGED BY GALE ALBERTSON & BOB BUCHNER

PROJECT CITY OF REDMOND, OR  
WELL #6

DEPTH	PEN. RATE	CIRC. RET. LOSS	AIR LIFT Q (GPM)	MATERIAL	SYM-BOL	DESCRIPTION AND COMMENTS
	1.047	6.6	4 1/2			0-1 Brown sand 1-2 Broken brown & grey lava
10	0.5	4 1/3		Lava Flow		2-14' Grey vesicular lava
	0	4 1/4				
	2.5	4 1/2				14-24' Hard grey lava
20	3.5	4 1/2				
	0	4 1/4		Rubble Zone		24-28.5' Brown lava w/ red cinders
30	4	4 1/10				
	1	4 1/11				31-32 Hard grey lava 32-33 Brown lava
	2	4 1/11				33-35 Dark brown & grey lava rock. Broken or caving
	3	4 1/10				35-37 Brown & grey lava, broken, caving
40	3	4 1/10				37-38 Hard grey lava 38-40 Hard grey lava
	2	4 1/10				40-43 Hard grey lava 43-45 Hard grey rock
	2	4 1/10				45-47 Hard grey rock 47-50 Grey lava rock
50	5	4 1/12				Hard grey lava
	4	4 1/12		Lava Flow		55-59 Hard grey lava
60	2.5	4 1/10				Med grey lava
	5	4 1/10				61-66 Medium grey lava
70	5	4 1/10				66-71 Medium grey lava
	6	4 1/10				71-77 Medium grey lava
80	5	4 1/10				Med. grey lava
	4	5 1/2				Med. hard grey lava
90	6	5 1/3		Inter Flow Zone		86-88 Med Hard grey lava 88-91 Red & Brown conglomerate
	3	5 1/6				91-92 Harder grey & brown lava
	6	5 1/7				92-95 Hard dark grey lava 95-101 Black, grey & brown lava
100	5	5 1/8				
	4	5 1/7		Cinders		107-108 Red Cinder conglomerate
110	3	5 1/10		Sandstone		110-113
	2	5 1/11				113-115 Brown & Grey lava
	5	5 1/12				115-119 Brown & Grey lava
120	2	5 1/12				119-122 Hard grey lava
	5	5 1/14		Lava flow		122-127 Grey lava
130	4	5 1/15				127-131 Med. grey lava
	3	5 1/16				131-134 Hard grey lava
	2	5 1/17				134-136 Hard grey lava
140	6	5 1/17				136-142 Med grey lava
	4	5 1/20				142-146 Med grey lava
	9	5 1/21		Sandstone		146-147 Med. grey lava 147-150 Red & brown sandstone

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SALEM, OREGON

Added cement to borehole

RECEIVED

JAN 28 2004

DESC  
55853

DRILLERS'  
LOG OF BOREHOLE

BOREHOLE REDMOND WELL #

PAGE 2 OF 6

LOC. OR COORDS. SE 1/4 Sec. 21

DRILLER WESTERN WATER

START FINISH

T. 15S., R. 13E. (William Mc Mendon)

DEVELOPMENT

DATE 4/02/03 10/30/03

GROUND ELEV. \_\_\_\_\_

TIME 08:30 16:00

TOTAL DEPTH 872 FT

RIG BUCHER-ERD 36L

GEOPHYS. LOG & YES NO

BOREHOLE DIAM. 26"

BIT(S) 26" STAR

HOW LEFT See Constr Log

FLUID Not Applicable

LOCATION 121° 10.428' W 44° 15.183' N  
LOGGED BY GALE ABERNATHY & BOB BRICKLEY

PROJECT CITY OF REDMOND, OR  
WELL # 4

DEPTH	PEN. RATE	CIRC. RET. LOSS	AIR LIFT Q (GPM)	MATERIAL	SYM-BOL	DESCRIPTION AND COMMENTS
150-153	9 5/10					Red & brown sandstone
153-162	7 5/12					Medium brown sandstone
160						MISSING reports
170						
170-172	6 5/24			Sandstone		170-172 Brown & green sandstone 171-172 Brown & grey - Broken
180						
180-184	8 5/24					170-184 Brown & black sandstone
190						
187-189	5 5/24					187-189 Brown & black sandstone
190						
189-192	3 5/12					189-192 Grey & black sandstone
192-196	4 6/12					192-196 Grey & brown lava
196-198.5	2.5 6/12					196-198.5 Broken brown & grey lava
200						
198-203	7.5			Basalt Lava Flow		198-203 Hard grey basalt, broken 203-206 Hard grey basalt, broken
210						
206-211	3 6/15					206-211 Hard grey basalt, broken
210						
211-213	5 6/16					211-213 Grey basalt 213-216 Grey basalt
220						
216-220	2 6/7					216-220 Hard grey basalt
220						
220-224	3 6/9					220-224 Hard grey basalt
230						
224-228	4 6/10					224-228 Hard grey basalt. Loss zone @ 224.5' Broken 224'-226. Harder 226-228'
230						
228-230	4 6/11					228-230 Broken grey lava Run 2nd Pinpoint Test
230						
230-235	2 6/12					230-235 Broken black & brown lava
240						
237-238	3 6/10					237-238 Hard dark grey-black lava - Caving?
240						
238-242	3 6/17			Basalt Lava Flow		238-242 Black & Brown lava - Sloughing @ 226'
250						
242-247	5 6/15					242-247 Black & brown lava, softer & broken
250						
247-253	6 6/20					247-253 Black & brown lava
260						
263-257	4 6/13					263-257 Hard grey basalt
260						
267-260	5 6/24					267-260 Hard grey basalt
260						
260-262	8 6/20					260-262 Broken grey lava
260						
262-264	8 6/20					262-264 Broken grey
270						
264-270	8 6/20			Volcanic Conglomerate		264-270 Brown volcanic conglomerate
270						
270-278	8 6/26					270-278 Brown volcanic conglomerate
280						
278-282	14 6/23					278-282 Brown volcanic conglomerate
290						
292-295	3 6/24					292-295 Brown volcanic conglomerate Rig down for repairs thru 7/0
300						
293-300	7 7/6					293-300 Dark grey volcanic conglomerate

RECEIVED

JAN 28 2004

RECEIVED

FEB 15 2003

OWPD SALEM, OREGON

# DRILLERS' LOG OF BOREHOLE

BOREHOLE REDMOND WELL 6

PAGE 3 OF 6

LOC. OR COORDS. <u>SE 1/4 Sec 21</u> <u>T.15N, R.13E. (Willamette Meadows)</u>	DRILLER <u>WESTERN WATER DEVELOPMENT</u>	START DATE <u>4/02/03</u>	FINISH DATE <u>10/30/03</u>
GROUND ELEV. _____	RIG <u>BUCKERS ERB 36L</u>	TIME <u>08:30</u>	<u>16:00</u>
TOTAL DEPTH <u>372 FT</u>	BIT(S) <u>2 1/2" STAR</u>	GEOPHYS. LOG <u>YES</u> <u>NO</u>	
BOREHOLE DIAM. <u>2 1/2"</u>	FLUID <u>M/A</u>	HOW LEFT <u>See Constr. Log</u>	

LOCATION 121° 10' 42.8" W 44° 0' 17.8" N  
 LOGGED BY G. BERENSON & EBR BUCKNER  
 PROJECT CITY OF REDMOND, OR  
WELL # 6

DEPTH	PEN. RATE	CIRC. RET. LOSS	AIR LIFT Q (GPM)	MATERIAL	SYM-BOL	DESCRIPTION AND COMMENTS
	7	7/8		volcanic conglom-grate	300-307	
310	5	7/7			307-312	Dark grey volcanic conglomerate
	6	7/10			312-316	Dark grey volcanic conglomerate
320	7	7/11		Sandstone	316-318	Brown hard sandstone
	7	7/11			318-320	Brown sandstone
	7	7/11			320-327	Brown sandstone
330	7	7/14			327-332	Brown sandstone
	6	7/15	SWI 335-340'		332-336	Dark grey sandstone
340	9	7/16		Sandstone w/ gravel	336-338	Brown sandstone
	11	7/17			338-347	Brown sandstone w/ gravel
350					347-358	Brown sandstone w/ gravel & silt WATER @ 335' SWL @ 321-340'
360	12	7/18			358-370	Brown sandstone w/ gravel
370	10	7/21		Sandstone	370-380	Grey sandstone
380	1	7/25			380-381	Note: problems with casing, lost 9' 7/26, cilled 380 to 371'
	10	7/21			381-391	Light grey sandstone
390	6	7/25			391-397	grey sandstone
400	8	7/28			397-405	Brown & grey sandstone
410	13	7/29			405-418	Brown sandstone
420	10	7/30			418-428	Brown & grey sandstone
430	10	7/31			428-438	Brown & grey sandstone
440	8	8/1			438-445	Brown & grey sandstone
450	6	9/4			445-451	Red-brown sandstone - Plumbness alignment test performed @ 440'

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# DRILLERS' LOG OF BOREHOLE

BOREHOLE Redmond Well 6

PAGE 4 OF 6

LOC. OR COORDS. SE 1/4 Sec 21, T.15S, R.13E. (Williamette Mts) DRILLER WESTERN WATER DEVELOPMENT

GROUND ELEV. \_\_\_\_\_

TOTAL DEPTH 872 FT RIG Budgens ERIE 36L

BOREHOLE DIAM. 26" BIT(S) 26" SPAL

FLUID N/A

START FINISH  
 DATE 4/02/03 10/30/03  
 TIME 08:30 16:00  
 GEOPHYS. LOG X YES NO  
 HOW LEFT See Const Log

LOCATION 12° 10' 42" W 44° 15' 13" N  
 LOGGED BY SALE ABERNATHY & BOB BUCKNER

PROJECT CITY OF REDMOND  
 WELL # 6

DEPTH	PEN. RATE	CIRC. REC. LOSS	AIR LIFT (GPM)	MATERIAL	SYM-BOL	DESCRIPTION AND COMMENTS
460	11	8/5		sandstone	457-462	Red brown sandstone
470	14	8/6			462-470	Brown-tan sandstone
480	11	7/7			470-477	Grey sandstone
490	8	8/8			477-487	Grey sandstone
500	13	8/11			487-495	Grey sandstone - possibly broken. Add 1 sack cement
510	12	8/12			495-500	Brown & grey sandstone
520	10	8/13			500-508	Grey sandstone, softer
530	12	8/14		sandstone w/ gravel	508-520	Grey sandstone w/ black sand streaks
540	12	8/15			520-530	Brown & grey sandstone
550	13	8/18			530-542	Brown sandstone w/ pea gravel
560	10	8/19			542-557	Dark grey sandstone w/ gravel
570	13	8/20			557-567	Dark grey sandstone w/ gravels
580	15	8/20			567-577	Dark grey sandstone w/ gravels possibly sloughing
590					577-590	Dark grey sandstone w/ gravel
600					590-597	Dark grey sand w/ gravels
					597-599	Tan brown sandstone w/ gravels

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# DRILLERS' LOG OF BOREHOLE

BOREHOLE Redmond well 6

PAGE 5 OF 6

LOC. OR COORDS. SE 1/4 Sec 21, T.15S, R.13E (Williamette)  
 GROUND ELEV. \_\_\_\_\_  
 TOTAL DEPTH 872 FT  
 BOREHOLE DIAM. 26"

DRILLER WESTERN WATER DEVELOPMENT  
 RIG Buckley-21E 36L  
 BIT(S) 26" STAR  
 FLUID N/A

START FINISH  
 DATE 4/02/03 10/30/03  
 TIME 08:30 10:00  
 GEOPHYS. LOG X YES NO  
 HOW LEFT See Constr. Log

FT/ DAY DATE

LOCATION 121° 10' 48" W 44° 15' 17" N  
 LOGGED BY GALE ABERNATHY & BOB BUCKNER  
 PROJECT CITY OF REDMOND  
 WELL #6

DEPTH	PEN. RATE	DRILL		AIR LIFT Q(GPM)	MATERIAL	SYM-BOL	DESCRIPTION AND COMMENTS
		Rate	Time				
610		15	8/11		Sandstone w/ gravel	577-605 Tan-brown sandstone w/ gravels	<div style="text-align: center;"> <p>RECEIVED</p> <p>FEB 15 2003</p> <p>OFFICE OF THE CLERK</p> <p>SALEM, OREGON</p> </div>
620		13	8/22			605-618 Brown sandstone w/ gravel	
630		14	8/25			618-632 Brown sandstone w/ gravel	
640		10	8/24			632-650 Dark brown sandstone w/ cinders & gravels	
650		9	8/27			650-670 Dark brown sandstone w/ gravels	
660		16	8/28			670-686 Dark brown sandstone w/ gravels	
670		12 1/2	8/29			686-697 Dark brown sandstone w/ gravels & cinders	
680		5 1/2	9/2			697-699 Hard gray lava	
690		3 1/2	9/3			699-703 Hard gray lava	
700		2 1/2	9/4			703-706 Hard gray basalt	
710		4	9/5			706-708.5 Hard gray basalt	
720		3	9/8		Basalt lava 10100	708.5-712.5 Hard gray basalt	
730		6 1/2	9/9			712-715 Hard gray basalt	
740		4	9/11			715-716.5 Hard gray basalt	
750		7 1/2	9/12			716.5-724.5 Hard lt gray basalt	
		4	9/15			724.5-729 Hard gray basalt	
		8	9/16		Sandstone w/ gravel	729-733 Hard gray basalt	
		12	9/17			733-738 Hard gray basalt	
						738-741 Brown sandstone w/ small gravel	
						741-746 Brown sandstone w/ gravel	
						746-753 gray sandstone w/ gravel	

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# DRILLERS' LOG OF BOREHOLE

BOREHOLE Redmond Well 6

PAGE 6 OF 6

LOC. OR COORDS. <u>SE 1/4 Sec 21</u> <u>T. 15S, R. 12E (Williams Co)</u>	DRILLER <u>WESTER</u>	START DATE <u>4/02/03</u>	FINISH DATE <u>10/30/03</u>
GROUND ELEV. _____	<u>WATER DEVELOPMENT</u>	TIME <u>08:30</u>	<u>18:00</u>
TOTAL DEPTH <u>872 ft</u>	RIG <u>BUCYRUS-EQJS 36L</u>	GEOPHYS. LOG <u>X</u> YES <u>NO</u>	
BOREHOLE DIAM. <u>26"</u>	BIT(S) <u>26" STAR</u>	HOW LEFT <u>Sub Constr.</u>	
	FLUID <u>NONE</u>	Log	

LOCATION 121°10.428'W 44°05.175'N  
 LOGGED BY GALO ARSENAULT & BOB BUCKNER  
 PROJECT CITY OF REDMOND  
 WELL # WELL #

DEPTH	PEN. RATE	AIR LIFT Q(GPM)	MATERIAL	SYM-BOL	DESCRIPTION AND COMMENTS
	12	9/13	Sandstone	746-753	grey sandstone w/ gravel
740	8	9/18	Basalt	753-757	Hard grey vesicular lava
	3	9/19		757-760	Hard grey basalt
	3	9/22		760-762	Hard grey basalt
	4	9/23		762-765	Hard grey basalt
770			Flow boundary?	765-767	Dark grey lava (copper)
	7	7/24		767-774	Dark grey lava
780	6	7/25		774-780	Grey vesicular lava
	4	9/26		780-784	Grey Vesicular Basalt, Harder
790	4	7/27		784-788	
	4	9/30		788-792	Hard grey basalt
	2	10/1		792-797	Hard grey basalt
	3	10/2		797-799	Hard grey basalt
800			Flow boundary?	799-803	Grey vesicular lava Breccia?
	7	10/6		803-806	
	2			806-807	Hard grey basalt
810	5	10/8		807-811	Dark grey vesicular lava Note: Driller remarked the water in the bailer was clean.
	5	10/9		811-816	Dark grey Vesicular Lava
820	1	10/10	Flow boundary	816-817	Grey vesicular lava
	5	10/13		817-822	Grey vesicular lava? NO SAMPLE AFTER 818 FT ALIVE WATER - 800
	3	10/14		822-825	Grey vesicular lava? NO SAMPLE COLLECTED IN BAILER
820	5	10/14	NO CUTTINGS	825-830	Fractured lava? NO SAMPLE
	5	10/16		830-835	Fractured lava? NO SAMPLE
840	7	10/20		835-842	Fractured lava? NO SAMPLE
	3	10/21		842-845	Fractured lava? Harder. Cuttings returned 843'
850	2	10/22		845-848	Dark grey basalt
	2	10/23		848-850	Hard grey basalt. Gassy (from 800)
	4	10/24		850-851	Hard grey lava
				851-854	Brook grey lava? No cuttings
860	12	10/27	NO CUTTINGS	854-860	Brook lava? No cuttings
			Cinders, sand & gravel	860-866	Dark red-brown cinders with sand & small gravel Good hole
870	5	10/28		866-868	Brown red cinders & gravels. Note: 4' of fine sand at 867 ft.
	1	10/29		868-871	Brown & grey vesicular lava
880				871-872	[Terminate drilling on 10/29 due to formation instability. Bail the hole on 10/30 E-Logged 11/2/03 - sloughed in to 862'

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STATE OF OREGON  
**GEOTECHNICAL HOLE REPORT**  
 (as required by OAR 690-240-035)

DESC **57467**  
 57465

1) OWNER/PROJECT: Hole Number **DH06-21**  
 Name **Oregon Department of Transportation**  
 Address **63034 OB Riley Rd.**  
 City **Bend** State **OR** Zip **97701**

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

3) CONSTRUCTION:  
 Rotary Air  Hand Auger  Hollow Stem Auger  
 Rotary Mud  Cable Tool  Push Probe  Other **HQ Core**

4) TYPE OF HOLE:  
 Uncased Temporary  Cased Permanent  
 Uncased Permanent  Slope Stability  Other

5) USE OF HOLE: **geotechnical properties of subsurface for trenchless technology utilization.**

6) BORE HOLE CONSTRUCTION:  
 Special Construction approval  Yes  No Depth of Completed Hole **30** ft.

HOLE			SEAL			Sacks or pounds
Diameter	From	To	Material	From	To	
3.8"	0	30				

Backfill placed from **0** ft. to **30** ft. Material **Bentonite**  
 Filter Pack placed from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Size of pack \_\_\_\_\_

7) CASING/SCREEN:

	Diameter	From	To	Gauge	Material			
					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"/>
Screen:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Slot size \_\_\_\_\_

8) WELL TEST:  
 Pump  Bailer  Air  Flowing Artesian  
 Permeability **N/A** Yield \_\_\_\_\_ GPM  
 Conductivity \_\_\_\_\_ PH \_\_\_\_\_  
 Temperature of water \_\_\_\_\_ °F Depth artesian flow found \_\_\_\_\_ ft.  
 Was water analysis done?  Yes  No  
 By whom? \_\_\_\_\_

Depth of strata analyzed. From \_\_\_\_\_ ft. **RECEIVED** ft.  
 Remarks: **No water testing**  
**FEB 26 2007**

**WATER RESOURCES DEPT SALEM, OREGON**

(9) LOCATION OF HOLE by legal description:  
 County **Deschutes** Latitude **44.2333** Longitude **-121.1699**  
 Township **15S** Range **13E** WM.  
 Section **16** **NE** 1/4 **NE** 1/4  
 Tax Lot \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Subdivision \_\_\_\_\_  
 Street Address of Well (or nearest address) **ON HWY RIGHT OF WAY NEAR BUSE/Emeryman Ave Intersection**

Map with location identified must be attached

(10) STATIC WATER LEVEL:  
 \_\_\_\_\_ **N/A** ft. below land surface. **No water** Date \_\_\_\_\_  
 Artesian pressure \_\_\_\_\_ lb. per square inch. Date \_\_\_\_\_

(11) SUBSURFACE LOG:  
 Ground Elevation \_\_\_\_\_

Material Description	From	To	SWL
<b>Poorly graded GRAVEL with silt and sand,</b>	<b>0</b>	<b>2.8</b>	
<b>GP-GM, Brown, Nonplastic, moist, Dense</b>			
<b>BASALT, Gray, Slightly weathered, R3,</b>	<b>2.8</b>	<b>12.4</b>	
<b>Highly vesicular, close to moderately close spacing, no infill to trace silt infill</b>			
<b>BASALT, Gray, Fresh, R3, vesicular,</b>	<b>12.4</b>	<b>30</b>	
<b>moderately close jointing, no infill</b>			

Date Started **2/1/06** Date Completed **2/1/06**

(12) ABANDONMENT LOG:

Material Description	From	To	Sacks or Pounds
<b>Medium Bentonite chips</b>	<b>0</b>	<b>30</b>	<b>4 sacks</b>

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WATER RESOURCES DEPT  
SALEM, OREGON

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Date started **2/1/06** Date Completed **2/1/06**

**Professional Certification**  
 (to be signed by a licensed water supply or monitoring well constructor, or registered geologist or civil engineer).

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

License or Registration Number **E1519**  
 Signed **Amy Pfe** Date **2/30/06**  
 Affiliation **DOOT**

THIS REPORT MUST BE SUBMITTED TO THE WATER RESOURCES DEPARTMENT WITHIN 30 DAYS OF COMPLETION OF WORK

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

DESC 57467

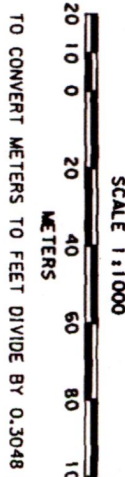
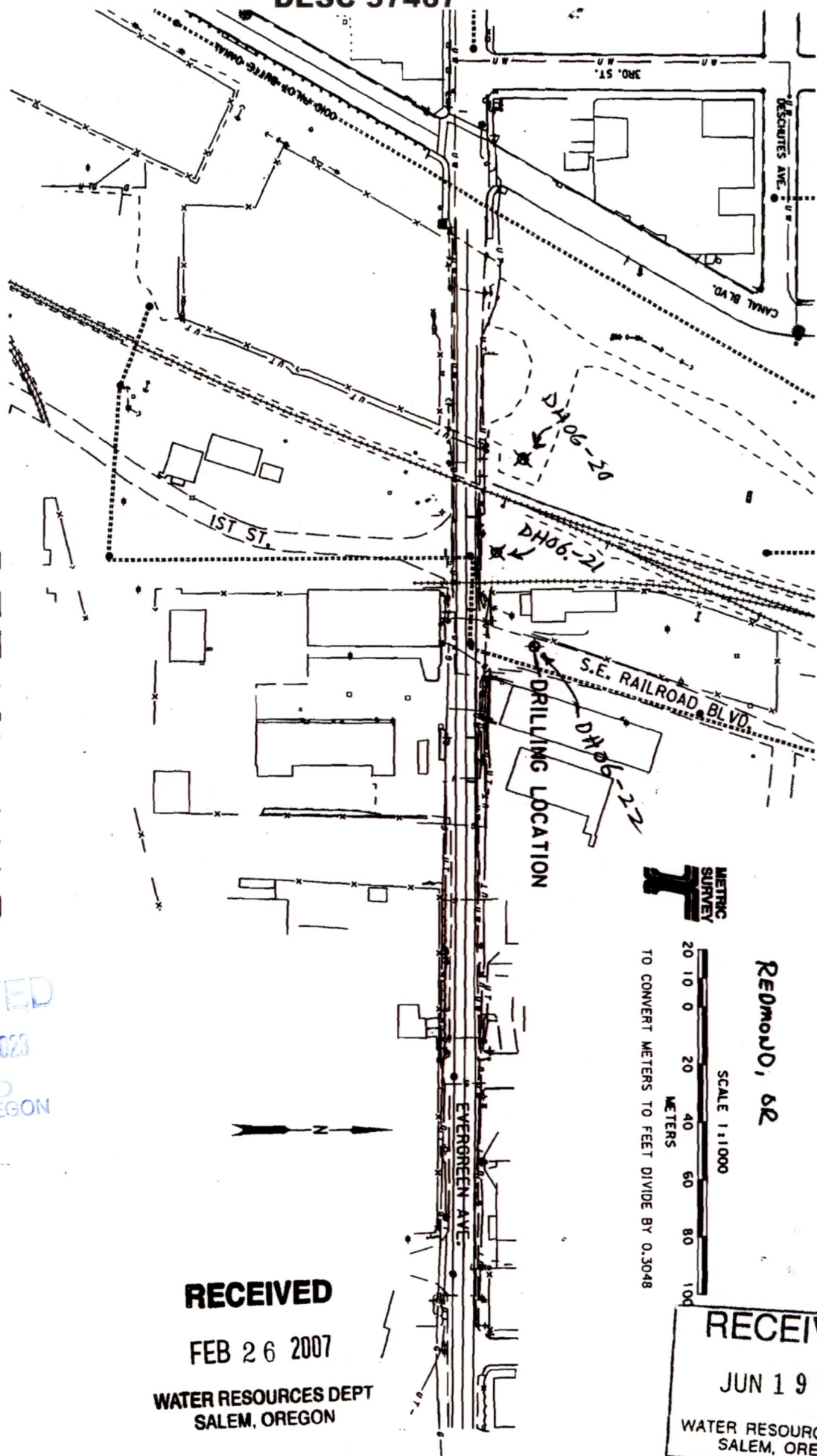
DETAIL MAP

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WATER RESOURCES DEPT  
SALEM, OREGON



REDMOND, 6R

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WATER RESOURCES DEPT  
SALEM, OREGON

14172

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

DESC 62721

6/23/2021

WELL I.D. LABEL# L137714  
START CARD # 1048874  
ORIGINAL LOG #

(1) LAND OWNER Owner Well I.D. \_\_\_\_\_  
First Name PUBLIC WORKS Last Name DEPARTMENT  
Company CITY OF REDMOND  
Address 243 EAST ANTLER AVENUE  
City REDMOND State OR Zip 97756

(2) TYPE OF WORK  New Well  Deepening  Conversion  
 Alteration (complete 2a & 10)  Abandonment (complete 5a)

(2a) PRE-ALTERATION  
Dia + From To Gauge Stl Plstc Wld Thrd  
Casing: \_\_\_\_\_  
Material From To Amt sacks/lbs  
Seal: \_\_\_\_\_

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

(4) PROPOSED USE  Domestic  Irrigation  Community  
 Industrial/ Commercial  Livestock  Dewatering  
 Thermal  Injection  Other \_\_\_\_\_

(5) BORE HOLE CONSTRUCTION Special Standard  (Attach copy)  
Depth of Completed Well 985.00 ft.

BORE HOLE SEAL sacks/lbs

Dia	From	To	Material	From	To	Amt	lbs
28	0	240	Cement	0	275	858	S
26	240	986			Calculated	405.09	
					Calculated		

How was seal placed: Method  A  B  C  D  E  
 Other \_\_\_\_\_  
Backfill placed from 275 ft. to 700 ft. Material 3/8 PEA GRAVEL  
Filter pack from 700 ft. to 986 ft. Material COLO SILI Size 6/9  
Explosives used:  Yes Type \_\_\_\_\_ Amount \_\_\_\_\_

(5a) ABANDONMENT USING UNHYDRATED BENTONITE  
Proposed Amount \_\_\_\_\_ Actual Amount \_\_\_\_\_

(6) CASING/LINER  
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd  
  20  7 743 .375      
  18  974 985 .375      
Shoe  Inside  Outside  Other Location of shoe(s) \_\_\_\_\_  
Temp casing  Yes Dia \_\_\_\_\_ From + \_\_\_\_\_ To \_\_\_\_\_

(7) PERFORATIONS/SCREENS  
Perforations Method \_\_\_\_\_  
Screens Type Wire Wrap Slotted Material 304 Stainless  
Perf/ Casing/ Screen Dia From To Scrn/slot Slot # of Tele/  
Screen Liner Dia From To width length slots pipe size  
Screen Casing 18 744 974 .07 \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_

(8) WELL TESTS: Minimum testing time is 1 hour  
 Pump  Bailer  Air  Flowing Artesian  
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)  
2773 76.6 592 96  
Temperature 54 °F Lab analysis  Yes By Umpqua  
Water quality concerns?  Yes (describe below) TDS amount 122 ppm  
From To Description Amount Units

(9) LOCATION OF WELL (legal description)  
County DESCHUTES Twp 15.00 S N/S Range 13.00 E E/W WM  
Sec 19 SE 1/4 of the SW 1/4 Tax Lot 102  
Tax Map Number \_\_\_\_\_ Lot \_\_\_\_\_  
Lat \_\_\_\_\_ " or 44.24869500 DMS or DD  
Long \_\_\_\_\_ " or -121.22079200 DMS or DD  
 Street address of well  Nearest address  
4365 SW VOLCANO AVENUE, REDMOND, OR 97756

(10) STATIC WATER LEVEL  
Date SWL(psi) + SWL(ft)  
Existing Well / Pre-Alteration \_\_\_\_\_  
Completed Well 5/26/2021 \_\_\_\_\_ 471  
Flowing Artesian?  Dry Hole?   
WATER BEARING ZONES Depth water was first found 455.00

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)
12/11/2020	455	505	250		452
2/26/2021	505	742	1500		459
3/4/2021	742	986	3000		471

(11) WELL LOG Ground Elevation 3177.00

Material	From	To
Crushed Gravel & Loose Boulders	0	3
Brown Ash & Boulders	3	21
Brown Cemented Boulders	21	42
Boulders	42	51
Soft Brown Rock	51	52
Boulder	52	53
Soft Brown Rock	53	58
Hard Brown & Red Basalt	58	60
Brown & Red Rock & Ash	60	86
Hard Gray Basalt	86	137
Brown Conglomerate	137	152
Reddish Brown Conglomerate	152	176
Brown Conglomerate	176	195
Reddish Conglomerate & Red Cinders	195	205
Red & Black Broken Basalt	205	233
Gray Basalt	233	290
Mild Gray Basalt	290	332
Broken Gray Basalt & Cinders	332	339
Gray Basalt	339	345

Date Started 9/4/2020 Completed 5/26/2021

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

(bonded) Water Well Constructor Certification  
I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.  
License Number 1385 Date 6/23/2021  
Signed ROBERT BUCKNER (E-filed)  
Contact Info (optional) \_\_\_\_\_

**(2a) PRE-ALTERATION**

Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

Material                      From                      To                      Amt                      sacks/lbs

Material	From	To	Amt	sacks/lbs

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			SEAL			sacks/
Dia	From	To	Material	From	To	lbs
					Calculated	
					Calculated	
					Calculated	
					Calculated	

**FILTER PACK**

From	To	Material	Size

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd

**(7) PERFORATIONS/SCREENS**

Perf/ Screen	Casing/ Screen Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

**Water Quality Concerns**

From	To	Description	Amount	Units

**(10) STATIC WATER LEVEL**

SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(ft)

**(11) WELL LOG**

Material	From	To
Lost Circulation	345	346
Mild Gray Basalt	346	370
Red & Black Cinders	370	375
Red Cinders	375	405
Brown Conglomerate Brn. Sandstone	405	465
Gray & Brown Ash & Gravel	465	505
Brown Sandstone & Basalt	505	540
Red Cinders	540	545
Gray Basalt	545	555
Pink Tuff / Pumice	555	563
Coarse Black Sand & Gravels	563	575
Tan Pumice	575	595
Coarse Black Sand & Gravels	595	633
Multi Color Sand & Gravels	633	742
Broken Dark Gray & Red Basalt	742	783
Broken Gray Basalt	783	795
Broken Red Basalt with Red Tuff	795	817
Red Multi Colored Sand Medium Coarse	817	825
Coarse Black Sand	825	845
Broken Dark Gray Basalt	845	854
Coarse Black Sand	854	856
Medium Hard Gray Basalt	856	864
Red & Black Cinders	864	867
Porous Broken Gray Basalt	867	937
Broken Gray Basalt	937	961
Red Cinders	961	965
Red Sandstone	965	970
Brown Sandstone & White Pumice	970	977
Broken Gray Basalt	977	986

**Comments/Remarks**

Backfill with bentonite frm \_275' to \_280'; 20"X 18" concentric reducer frm \_743' to \_744'.

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WATER SUPPLY WELL REPORT - Map with location identified must be attached and shall include an approximate scale and north arrow

DESC 62721

6/23/2021

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### Map of Hole

<b>STATE OF OREGON WELL LOCATION MAP</b>	<b>Oregon Water Resources Department</b> 725 Summer St NE, Salem OR 97301 (503)986-0900	
This map is supplemental to the WATER SUPPLY WELL REPORT		
<b>LOCATION OF WELL</b> Latitude: 44.24869500 Datum: WGS84 Longitude: -121.22079200 Township/Range/Section/Quarter-Quarter Section: WM15.00S13.00E19SESW Address of Well: 4365 SW VOLCANO AVENUE, REDMOND, OR 97756	<b>Well Label: 137714</b> <b>Printed: June 8, 2021</b>	<small>DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner. Provided by well constructor</small>



# Permanent Transfer Application Checklist

Check the Certificates in WRIS

Transfer # T- 14172

Checked by <u>  Dante  </u>	Type of Change(s) Proposed: <b>NO other changes allowed other than those listed</b>	
Date <u>  2/16/2023  </u>	<input type="checkbox"/> POU <input type="checkbox"/> POD <input type="checkbox"/> APOD <input type="checkbox"/> POA <input checked="" type="checkbox"/> APOA <input type="checkbox"/> USE	
Fee Received: \$4710		How many rights to be Transferred? <u>  1  </u>
Calculated Fee: \$4710		Certificate #(s) <u>  82751  </u>
Deficiencies and Observations:		

If OK, check box; if not, fill in.

- 1. Is the applicant information complete? Have all the applicants listed at the top of the page signed at the bottom?  
If not, what is missing? Whose signature is missing? \_\_\_\_\_
- 2. Has the applicant indicated that the place of use is in or near an irrigation district? Have they included a Form D?  N/A.  
Name of the District   Central Oregon Irrigation District
- 3. Part 5 of application, has the applicant completed the entire page and does the information match the description of the explanation of the reasons on Part 4 of the application?  
If not, you may need to contact the applicant or agent? \_\_\_\_\_
- 4. For multiple certificates, do each of the certificates listed on Application Page 1 have their own separate completed Part 5 tables 1 & 2? (*compare with OAR 690-380-3220-may need to return*)  
If no, which certificates are missing a separate Part 5, tables 1 & 2? \_\_\_\_\_
- 5. Has the map been completed and signed by a CWRE? Does the map meet the requirements?  
If not, what is missing? \_\_\_\_\_. Map waiver included?
- 6. If a change in point of appropriation, have the well logs been included?  N/A.
- 7. If a change in place of use within Umatilla County, have the applicant(s) provided a Supplemental Form U?  N/A.
- 8. Has applicant filled out the Minimum Requirements Checklist (Part 1 of 5)? Is the application complete? If not, what is missing (check Evidence of Use and Land Use)? \_\_\_\_\_
- 9. If all boxes on this checklist are checked (with no remaining deficiencies identified), accept the application. Put this check sheet in the transfer folder.

OR:

- This application is deficient, and **CANNOT** be accepted.  
It should be returned and the **deficiencies listed in the "staff" section at the bottom of Application Page 1**, unless the applicant or agent can resolve the deficiencies within 2-3 days.

**Actions taken:**

\_\_\_\_\_ date \_\_\_\_\_

## Permanent Transfer Application Checklist

FEE WORKSHEET for PERMANENT TRANSFER (except Substitution)			
1	Base Fee (includes one type of change to one water right for up to 1 cfs)	1	\$1,360
	Types of change proposed: <input type="checkbox"/> Place of Use <input type="checkbox"/> Character of Use <input type="checkbox"/> Point of Diversion/Appropriation Number of above boxes checked = _____ (2a) Subtract 1 from the number in line 2a = _____ (2b) <i>If only one change, this will be 0</i>		
2	Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » » »	2	0
	Number of water rights included in transfer _____ (3a) Subtract 1 from the number in 3a above: _____ (3b) <i>If only one water right this will be 0</i>		
3	Multiply line 3b by \$520 and enter » » » » » » » » » » » » » » » »	3	0
	Do you propose to add or change a well, or change from a surface water POD to a well? <input type="checkbox"/> No: enter 0 » <input type="checkbox"/> Yes: enter \$410 »		
4		4	0
	Do you propose to change the place of use or character of use? <input type="checkbox"/> No: enter 0 on line 5 » <input type="checkbox"/> Yes: enter the cfs for the portions of the rights to be transferred (see example below*): _____ (5a) Subtract 1.0 from the number in 5a above: _____ (5b) If 5b is 0 or less, enter 0 on line 5 » If 5b is greater than 0, round up to the nearest whole number: _____ (5c) and multiply 5c by \$350, then enter on line 5 » » » » » » » » » »		
5		5	0
6	Add entries on lines 1 through 5 above » » » » » » » » » » Subtotal:	6	0
	Is this transfer: <input type="checkbox"/> necessary to complete a project funded by the Oregon Watershed Enhancement Board (OWEB) under ORS 541.932? <input type="checkbox"/> endorsed in writing by ODFW as a change that will result in a net benefit to fish and wildlife habitat? If one or more boxes is checked, multiply line 6 by 0.5 and enter on line 7 »		
7	If no box is applicable, enter 0 on line 7 »	7	0
8	Subtract line 7 from line 6 » <b>Transfer Fee:</b>	8	



February 13, 2023

Kelly Starnes  
Oregon Water Resources Department  
725 Summer Street NE, Suite A  
Salem, OR 97301

RECEIVED  
FEB 15 2023  
OWRD  
SALEM, OREGON

RE: Transfer Application for Certificate 82751 in the name of The City of Redmond

Dear Kelly:

The City of Redmond is the holder of water right Certificate 82751, which authorizes the appropriation of 2.45 cfs of groundwater for municipal use. The City is filing the enclosed transfer application to add eight wells (Wells 1, 2, 4, 5, 6, 7, 8, and 9) to the Certificate.

Also enclosed is a check for the required processing fee of \$4,710.

Please contact me if you have any questions or concerns. My email address is [OMcMurtrey@gsiws.com](mailto:OMcMurtrey@gsiws.com).

Sincerely,

A handwritten signature in black ink that reads "Owen McMurtrey". The signature is written in a cursive, slightly slanted style.

Owen McMurtrey  
Water Resources Consultant

Enclosures: Water Right Transfer Application  
Check for application fee in the amount of \$4,710