

Aspen

Rural Land Consulting

Water Resources, Water Rights, Land
Surveying, Engineering, Land Use Planning

ERICURSTADT@HOTMAIL.COM
971-250-1520 (MOBILE)

Water Resources Department
Attn: Transfer Section
725 Summer Street NE, Ste. A
Salem, OR, 97301

March 8, 2017

Subject: Application for Permanent Transfer of certificate 47073

To Whom It May Concern,

Enclosed is an Application to permanently change the Place of Use (POU), change the character of Use, and change the Point of Appropriation (POA) for certificate 47073 along with the following attachments:

1. Document to demonstrate that signee can sign for the trust.
2. Evidence of Use Form
3. Well Logs
4. Communication with from Groundwater Section – pertaining to preliminary approval of change of POA's.
5. Transfer Maps
6. A check for \$1950 in applications fees.

Notes:

- A Land Use compatibility Statement and Map of the "TO" lands is not included because the proposed Use is municipal within the City of Sublimity (a municipality). Joan Smith of the transfer section verbally approved that this was acceptable.
- This application is being done in conjunction with a Ground Water Registration Modification for GR 2353.

Please let me know if you have any questions need more information.

Respectfully,

Aspen Rural Land Consulting,

Eric Urstadt, PE, PLS

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Cover Letter to WRD

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State of Oregon
 Water Resources Department
 725 Summer Street NE, Suite A
 Salem, Oregon 97301-1266
 (503) 986-0900

Application for Permanent Water Right Transfer

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.

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. If you have questions, call Customer Service at (503) 986-0801.
- 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: 47073**
Please include a separate Part 5 for each water right. (See instructions on page 6)

Attachments:

- Completed Transfer Application Map.
- Completed Evidence of Use Affidavit and supporting documentation.
- 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.
- N/A Land Use Information Form with approval and signature (or signed land use form receipt stub). 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.

Joan Smith of the transfer section said this would not (not applicable) be needed because the intended use is municipal within the City of Sublimity.

- N/A Water Well Report/Well Log for changes in point(s) of appropriation (well(s)) or additional point(s) of appropriation.
- 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.

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(For Staff Use Only)

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

Application fee not enclosed/insufficient Map not included or incomplete

Land Use Form not enclosed or incomplete

Additional signature(s) required Part _____ is incomplete

Other/Explanation _____

Staff: _____ 503-986-0_____

Date: ____/____/____

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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/. 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.

Joan Smith of the transfer section said this would not (not applicable) be needed because the intended use is municipal within the City of Sublimity.

- 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 Robert J. & Dorothy C. Schumacher Trust c/o Tom Schumacher, trustee			PHONE NO. (503) 767-3459	ADDITIONAL CONTACT NO. RECEIVED BY OWRD
ADDRESS PO Box 303			FAX NO. NA	
CITY Sublimity	STATE OR	ZIP 97385	E-MAIL NA = Not applicable	
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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.				

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

AGENT/BUSINESS NAME Aspen Rural Land Consulting, c/o Eric Urstadt			PHONE NO. 971.250.1520	ADDITIONAL CONTACT NO. 503.647.1919
ADDRESS 39290 NW Murtaugh Road			FAX NO. NA	
CITY North Plains	STATE OR	ZIP 97133	E-MAIL NA	
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.				

Explain in your own words what you propose to accomplish with this transfer application, and why: This transfer proposes to change an irrigation right (certificate 47073) into a municipal right to be used within the City of Sublimity and change the Point of Appropriation (POA) to the current City wells as mapped.

Note: This transfer application is being done concurrent with GR Modification of GR 2353 and a partial cancellation of GR 2352. The Water Resources Department (WRD) needs to take this into account when computing the resulting duty (volume) to be allowed by the City of Sublimity.

The owner has had preliminary review by the Groundwater Section that determined that the current POA and proposed City wells obtain water from the same aquifer.

The Watermaster stated that there has not been history of the City's wells causing any problems with nearby wells, which indicates there is no "potential for injury".

The applicant has presented evidence that the current system is and has been capable of producing this rate and duty for several years.

GR 2352 also overlies the portion of the Place of Use (POU) of this transfer and the concurrent GR Mod for GR 2353. In order that the Water Resources Department (WRD) can be sure that the FROM lands subject to this transfer of certificate 47073 and concurrent GR Mod will not have any irrigation right remaining, the applicant shall cancel that portion of the POU of GR 2352 that this transfer is changing, subject to this transfer and the concurrent GR Mod being satisfactorily and favorably issued. If this transfer, the concurrent GR Mod, and the partial cancellation of GR 2352 are all taken into account, no enlargement of the right can occur by continuing to irrigate the FROM lands.

The proposed POU shall be the City of Sublimity. Joan Smith of the Transfer Section said a map of the new POU would not be needed because the intended use is municipal within the City of Sublimity.

The rate being transferred by this transfer should be the ratio of the acres being transferred and the total original acres of 47073. The rate should be 387 gallons per minute (GPM) [= 417 GPM x (68.6 ac / 74.0 ac)].

The full 2.5 AF/ac duty (volume) is requested to be transferred to the City of Sublimity for use within the irrigation season. The full 2.5 AF/ac is especially applicable in this situation because the current land owners had multiple sources and multiple layered rights to ensure the full duty (volume) could be produced and used. Therefore, the full 2.5 AF/acre duty is what should be transferred to the City of Sublimity.

The combined duty for the acres covered by the supplemental portion of this transfer application and the accompanying GR Mod for GR 2353 is 76.75 acre-feet (AF) [= 2.5 AF/ac X 30.7ac]. The duty to be transferred that is irrigated by certificate 47073 alone (the primary irrigation area) should be 94.75 acre-feet (AF) [= 2.5 AF/ac X 37.9 acre]. The total duty available to the City of Sublimity from both this transfer and the concurrent GR Mod shall then be 171.5 AF [= 76.75 + 94.75]

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

Check this box if this project is fully or partially funded by the American Recovery and Reinvestment Act. (Federal stimulus dollars)

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.

I understand that 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: NA

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



Tom Schumacher, Trustee
Applicant signature

Tom Schumacher, trustee
Print Name (and Title if applicable)

7-3-17
Date

Applicant signature

Print Name (and Title if applicable)

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.*

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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

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: <http://www.oregon.gov/owrd/docs/transfer-propertytransactions.pdf>

RECEIVING LANDOWNER NAME City of Sublimity			PHONE NO. (503) 559-8257	ADDITIONAL CONTACT NO. NA
ADDRESS 245 Silverton Road			FAX NO. NA	
CITY Sublimity	STATE OR	ZIP 97305	E-MAIL alan.frost@cityofsublimity.org	

Describe any special ownership circumstances here: **The proposed place of use is within the City of Sublimity, which obviously has multiple owners. The main portion of the current property is being sold to the City of Sublimity.**

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.)

IRRIGATION DISTRICT NAME None Known	ADDRESS	
CITY	STATE	ZIP

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 NA	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 City of Sublimity	ADDRESS 245 Silverton Road	
CITY Sublimity	STATE OR	ZIP 97305

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ENTITY NAME	ADDRESS	
CITY	STATE	ZIP

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Part 5 of 5 – Water Right Information

Please use a separate Part 5 for each water right being changed. See instructions on page 6, to copy and paste additional Part 5s, or to add additional rows to tables within the form.

CERTIFICATE # 47073

Description of Water Delivery System

System capacity: 0.93 cubic feet per second (cfs) OR

NA gallons per minute (gpm)

Note the system capacity is taken as the maximum permitted rate, which includes both primary and supplemental irrigation rights as shown above.

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. **Well #3 has a pump that pumps water to a variety of mainlines and lateral lines and uses a variety of sprinklers and Big Guns to irrigate the primary and supplemental lands.**

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	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)
Schu W#3	<input checked="" type="checkbox"/> Authorized <input type="checkbox"/> Proposed	MARI 9170	8 S	1 W	35	SW	SW	600	730' S & 170' E of NW S35 (per 47073)
Subl W#1	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MARI 9149	8 S	1 W	34	SE	SE	700 S34CA	1330'S & 1250' W of E1/4 S34
Subl W#2	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MARI 9142	8 S	1 W	34	NE	SW	101 S34DC	340' S & 3040' W of E1/4 S34
Subl W#3	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MARI 9147	8 S	1 W	34	SE	SE	2000 S34D	2000'S & 880' W of E1/4 S34
Subl W#4	<input type="checkbox"/> Authorized <input checked="" type="checkbox"/> Proposed	MARI 9172	8 S	1 W	35	SW	NE	1500 S35	100' N & 2920' E of E1/4 S34

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

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

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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.

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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 # 47073

List the change proposed for the acreage in each 1/4 1/4. 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	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	Type of USE listed on Certificate	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Twp	Rng		Sec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres	New Type of USE	POD(s)/ POA(s) to be used (from Table 1)	Priority Date				
EXAMPLE																										
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
8	S	1	W	26	SW	SW	600*	NA	17.1	Irrig	Schu W#3	1968	POU/POA/ USE	N												
8	S	1	W	35	NW	NW	600	NA	20.1	Irrig	Schu W#3	1968	POU/POA/ USE													
8	S	1	W	35	NW	NW	601	NA	0.3	Irrig	Schu W#3	1968	POU/POA/ USE													
8	S	1	W	35	NE	NW	601	NA	0.4	Irrig	Schu W#3	1968	POU/POA/ USE													
8	S	1	W	35	NE	NW	601	NA	2.8	Suppl	Schu W#3	1968	POU/POA/ USE													
8	S	1	W	35	NW	NW	601	NA	14.5	Suppl	Schu W#3	1968	POU/POA/ USE													
8	S	1	W	35	SW	NW	601	NA	9.9	Suppl	Schu W#3	1968	POU/POA/ USE													
8	S	1	W	35	SE	NW	601	NA	3.5	Suppl	Schu W#3	1968	POU/POA/ USE													
TOTAL ACRES:							68.6							TOTAL ACRES:							68.6					

Additional remarks: All lands that have been irrigated within the last 5 years are included in this table and transfer. *This tax lot is numbered on the tax map for S35, T8S, R1W. The "NA" is placed because the new POU will be the City of Sublimity, a municipality.

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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: **"FROM" lands – GR2353. "TO" lands – it is assumed that multiple water rights exist in the City of Sublimity municipal area, and they are not listed as it is not believed to be of consequence to this transfer.**



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)

Ground water supplemental Permit or Certificate # NA;
Surface water primary Certificate # NA.

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For a change from Supplemental Irrigation Use to Primary Irrigation Use

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Identify the primary certificate to be cancelled. Certificate # NA

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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.

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

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.

NOTE: The source of the well construction data below is the well logs. The groundwater section has been contacted about this transfer and it may be more informative to access their files or Attachment 4.

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
Schu W#3	yes	MARI 9170	300	12 3/4"	.5-59.5	0-59	none	93	basalt	800

Proposed or Authorized POA Name or Number	Is well already built? (Yes or No)	If an existing well: OWRD Well ID Tag No.	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
Subl W#1	yes	MARI 9149	370	8"	0-210	none	none	68	basalt	90
Subl W#2	yes	MARI 9142	317	10"	0-191	74-190	None	68	basalt	300
Subl W#3	yes	MARI 9174	265	10 3/4"	2/3 - 171	171	None	80	basalt	420
Subl W#4	yes	MARI 9172	595	8"	+1-476	476	?-280	220	basalt	600

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

RECEIVED
DEC 5 1967
STATE ENGINEER
SALEM OREGON

WATER WELL REPORT
STATE OF OREGON

(9/170)
R. 9/170

ATTACH 3-1/10
8/1W-35D

STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

(Please type or print)
(Do not write above this line)

State Well No. 8/1W-35D
State Permit No. G-4426

(1) OWNER:

Name Robert J. Schumacher
Address Rt. 1 Box 34
Sublimity, Ore.

(2) TYPE OF WORK (check):

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

(3) TYPE OF WELL:

Rotary Driven
Cable Jetted
 Bored

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) CASING INSTALLED:

Threaded Welded
1 23/4" Diam. from 1/2+0 ft. to 59 1/2 ft. Gage 250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(6) PERFORATIONS:

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

(7) SCREENS:

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

(8) WATER LEVEL: Completed well.

Static level 93 ft. below land surface Date 9/1/67
Artesian pressure lbs. per square inch Date

(9) WELL TESTS:

Drawdown is amount water level is lowered below static level
Was a pump test made? Yes No If yes, by whom? Stettler
1: 800 gal./min. with 107 ft. drawdown after 1 1/2 hrs.
" 710 " " 89 " " 1 1/2 "
" 600 " " 82 " " 1 1/2 "
Baller test 500 gal./min. with 60 ft. drawdown after 1 1/2 hrs.
Artesian flow g.p.m. Date
Temperature of water Was a chemical analysis made? Yes No

(10) CONSTRUCTION:

Well seal—Material used Cement Grout
Depth of seal 59 ft.
Diameter of well bore to bottom of seal 16 in.
Were any loose strata cemented off? Yes No Depth
Was a drive shoe used? Yes No
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:
Gravel placed from ft. to ft.

(11) LOCATION OF WELL:

County Marion Driller's well number 8/1W-35D
1/4 1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner

(12) WELL LOG:

Diameter of well below casing 11 3/4
Depth drilled 300 ft. Depth of completed well 300 ft.

Formation: Describe color, texture, grain size and structure of materials; and show thickness and nature of each stratum and aquifer penetrated, with at least one entry for each change of formation. Report each change in position of Static Water Level as drilling proceeds. Note drilling rates.

MATERIAL	From	To	SWL
Red clay	0	5	
Yellow clay	5	10	
White clay	10	20	
Yellow clay	20	26	11ft
Grey welded tuffs	26	56	
Basalt -hard	56	110	
Basalt-vesicular	110	117	93ft
Basalt very hard	117	140	
Basalt vesicular	140	185	
Basalt very hard	185	235	
Basalt vesicular	235	260	
Basalt very hard	260	274	
Basalt very hard	274	300	

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JUL 18 2017
SALEM, OR

Work started 10/16/67 19 Completed 12/1/67 19
Date well drilling machine moved off of well 12/1/67 19

Drilling Machine Operator's Certification:
This well was constructed under my direct supervision. Materials used and information reported above are true to my best knowledge and belief.
[Signed] Harry A. Robinson Date 12-5-67
(Drilling Machine Operator)

Drilling Machine Operator's License No. 63

Water Well Contractor's Certification:
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief.
NAME Harry A. Robinson
(Person, firm or corporation) (Type or print)
Address 2214 Front St. NE Salem, Ore.
[Signed] Harry A. Robinson
(Water Well Contractor)
Contractor's License No. 22 Date 12/5/67 19

12720

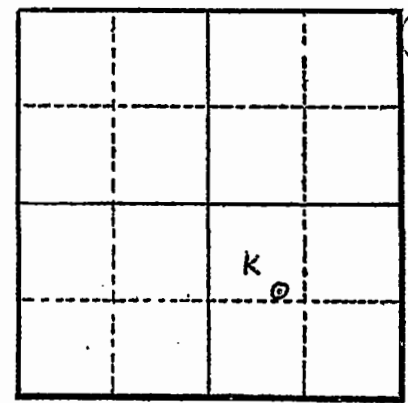
STATE ENGINEER
Salem, Oregon

9/4/47
Well Record

STATE WELL NO. 8/1W-34K(1)
COUNTY Marion
APPLICATION NO. GR-323

OWNER: Town of Sublimity
MAILING ADDRESS: City Hall
CITY AND STATE: Sublimity, Oregon

LOCATION OF WELL: Owner's No. 1
NW 1/4 SE 1/4 Sec. 34 T. 8 S., R. 1 W., W.M.
Bearing and distance from section or subdivision
corner 21.45 chains North and 22.7 chains West
from the SE corner of Section 34, Lot 8, Block 2,
Sublimity, Oregon



Altitude at well 550 feet Interpolated

TYPE OF WELL: Drilled Date Constructed Mar. 1948
Depth drilled 370 Depth cased 210

Section 34

CASING RECORD:

8-inch casing set from 0 to 210 feet
rock wall - 210 to 370 feet

FINISH:

unknown

AQUIFERS:

basalt from 212 to 370 feet

WATER LEVEL:

68 feet below land surface

PUMPING EQUIPMENT: Type _____ H.P. _____
Capacity _____ G.P.M.

WELL TESTS:

Drawdown 7 ft. after _____ hours pumping 90 G.P.M.
Drawdown _____ ft. after _____ hours _____ G.P.M.

USE OF WATER Municipal 90 gpm Temp. _____ °F. _____, 19____
SOURCE OF INFORMATION GR-305

DRILLER or DIGGER

ADDITIONAL DATA:

Log Yes Water Level Measurements _____ Chemical Analysis _____ Aquifer Test _____

REMARKS:

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JUL 18 2017

STATE ENGINEER
Salem, Oregon

State Well No. 8/1W-34K(1)
County Marion
Application No. GR-323

Well Log

3-3/10

Owner: Town of Sublimity Owner's No. #1

Driller: Date Drilled March 1948

CHARACTER OF MATERIAL	(Feet below 'and surface)		Thickness (feet)
	From	To	
Soil, top & clay, red	0	21	21
Clay, yellow	21	50	29
Clay, blue	50	60	10
Clay, yellow	60	90	30
Clay, with scattered rock	90	110	20
Clay, yellow	110	118	8
Clay, blue	118	125	7
Clay, gray	125	140	15
Clay, red - scattered gravel (?) (contact?) WSB	140	158	18
Clay, brown	158	170	12
Conglomerate (contact) ? WSB	170	198	18
Rock, gray	198	212	14
Rock, black	212	232	20
Rock, black lava	232	264	32
Rock, gray	264	270	6
Clay, blue & brown	270	279	9
Rock, black porous	279	294	15
Rock, black	294	347	53
Rock, black hard	347	356	9
Rock, Black	356	370	14
RECEIVED BY OWRD			
JUL 18 2017			

RECEIVED

M17 (9.14.60)

3-5/10

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

MAR 3 1961

WATER WELL REPORT STATE OF OREGON

State Well No. 8/1w-342

State Permit No.

(1) OWNER: SALEM, OREGON Name Town of Sublimity Address Sublimity, Oregon

(2) LOCATION OF WELL: County Marion Owner's number, if any- NE 1/4 SW 1/4 Section 34 T. 85 R. 1W W.M. Bearing and distance from section or subdivision corner 2300 ft. north & 2175 ft. east from S.W. corner of Sec. 34, T. 8 S. R. 1 W., of W.M.

(3) TYPE OF WORK (check): New Well [X] Deepening [] Reconditioning [] Abandon []

(4) PROPOSED USE (check): Domestic [] Industrial [] Municipal [X] Irrigation [] Test Well [] Other [] (5) TYPE OF WELL: Rotary [] Cable [X] Dug [] Driven [] Jetted [] Bored []

(6) CASING INSTALLED: 10" Diam. from 0 ft. to 190 ft. Gage .280

(7) PERFORATIONS: Perforated? [] Yes [X] No Type of perforator used SIZE of perforations in. by in.

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

(9) CONSTRUCTION: Was well gravel packed? [] Yes [X] No Size of gravel: Gravel placed from ft. to ft. Was a surface seal provided? [X] Yes [] No To what depth? ft. Material used in seal- Concrete from 74 ft. to 190 ft. Did any strata contain unusable water? [] Yes [X] No Type of water? Depth of strata Method of sealing strata off

(10) WATER LEVELS: Static level 68 ft. below land surface Date 10/21/60 Artesian pressure lbs. per square inch Date Log Accepted by: [Signed] Date (Owner)

(11) WELL TESTS: Drawdown is amount water level is lowered below static level Was a pump test made? [X] Yes [] No If yes, by whom? Drillers Yield: 150 gal./min. with 49 ft. drawdown after 8 hrs. " 200 " 74 " 8 " " 300 " 122 " 8 " Bailer test 70 gal./min. with 00 ft. drawdown after 20 mins. Artesian flow g.p.m. Date Temperature of water 52 Was a chemical analysis made? [] Yes [X] No

(12) WELL LOG: Diameter of well 10 inches. Depth drilled 317 ft. Depth of completed well 317 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

Table with columns MATERIAL, FROM, TO. Rows include Top soil-br., Dirt-br., Clay-br., Clay-grey, Clay-redish br., Clay-light grey, Shale-greyish green, sticky, Rock-greyish blue, med. hard, Rock-med. hard, grey, with Quartz and Silica mixed, Rock-med. hard, grey, with Quartz, Silica, and decayed wood, Shale-light grey, sandy, soft and sticky, Shale-grey, firm, Shale-grey, soft & sticky, Rock-hard, black, Rock-very hard, dark grey, Rock-very hard, black, Rock-med. hard, black, Shale-soft, grey, Rock-med. hd., porous, bl., water, Rock-hard, black, Shale-med. hd., grey.

continued on attached copy. Work started Aug. 25, 1960 Completed Oct. 21, 1960

(13) PUMP: Manufacturer's Name RECEIVED BY OWRD Type: H.P.

Well Driller's Statement: JUL 18 2017 This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief. SALEM, OR

NAME R. Stadel & Sons (Person, firm, or corporation) (Type or print) Address Rte. 3, Box 169, Silverton, Oregon Driller's well number [Signed] Paul R. Stadel (Well Driller) License No. 296 Date March 29, 1960

RECEIVED

MAR 3 1961

WATER WELL REPORT

STATE OF OREGON

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

STATE ENGINEER SALEM, OREGON

State Well No. 8/1W-346
State Permit No. 3-6/10

(1) OWNER:

Name: Town of Sublimity
Address: Additional-sheet.

(2) LOCATION OF WELL:

County: _____ Owner's number, if any: _____
1/4 Section T. R. W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

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

PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded

" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____
" Diam. from _____ ft. to _____ ft. Gage _____

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used _____

SIZE of perforations in. by in.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.
perforations from _____ ft. to _____ ft.

(8) SCREENS:

Well screen installed Yes No

Manufacturer's Name _____
Type _____ Model No. _____
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.
Diam. _____ Slot size _____ Set from _____ ft. to _____ ft.

(9) CONSTRUCTION:

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

(10) WATER LEVELS:

Static level _____ ft. below land surface Date _____
Artesian pressure _____ lbs. per square inch Date _____

Log Accepted by: _____

[Signed] _____ Date _____, 19_____
(Owner)

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? _____
Yield: 260 gal./min. with 104 ft. drawdown after 8 hrs.

Bailer test gal./min. with _____ ft. drawdown after _____ hrs.

Artesian flow g.p.m. Date _____

Temperature of water 52 Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well 10 inches.

Depth drilled 317 ft. Depth of completed well 317 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Rock-very hard, dark grey	275	312
Rock- very hard, black,	312	317
Water at 200 ft., 230 ft. to & 312 ft. to 314 ft.	250 ft.,	
12" hole was drilled to 190' - 08" & 10" casing set that far, and cemented. Cement jarred loose or developed developed a leak from drilling & then a 2 1/8" hole was drilled on the outside of casing to 185 ft., cleaned out & cemented up to 74 ft. from surface.		
RECEIVED BY OWRD		
JUL 18 2017		
SALEM, OR		

Work started 19 _____ Completed 19 _____

(13) PUMP:

Manufacturer's Name _____
Type: _____ H.P. _____

Well Driller's Statement:

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

NAME _____
(Person, firm, or corporation) (Type or print)

Address _____

Driller's well number _____

[Signed] _____
(Well Driller)

License No. _____ Date _____, 19_____
(Well Driller)

NOTICE TO WATER WELL CONTRACTOR
The original and first copy
of this report are to be
filed with the
STATE ENGINEER, SALEM, OREGON 97310
within 30 days from the date
of well completion.

RECEIVED
AUG 5 1964
STATE ENGINEER

WATER WELL REPORT
STATE OF OREGON
(Please type or print)

9147
State Well No. 8/1W-34R
State Permit No.

3-7/10

(1) OWNER:

Name Marion Home
Address Sublimity, Oregon

(2) LOCATION OF WELL:

County Marion Driller's well number 8/1W-34R
¼ Section T. R. W.M.
Bearing and distance from section or subdivision corner

(3) TYPE OF WORK (check):

New Well Deepening Reconditioning Abandon
When abandoned, describe material and procedure in Item 12.

(4) PROPOSED USE (check):

Domestic Industrial Municipal
Irrigation Test Well Other

(5) TYPE OF WELL:

Rotary Driven
Cable Jetted
Dug Bored

(6) CASING INSTALLED:

Threaded Welded
10 3/4" Diam. from 2/3 to 171 ft. Gage .250
" Diam. from ft. to ft. Gage
" Diam. from ft. to ft. Gage

(7) PERFORATIONS:

Perforated? Yes No

Type of perforator used

Size of perforations in. by in.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.
perforations from ft. to ft.

(8) SCREENS:

Well screen installed? Yes No

Manufacturer's Name
Type Model No.
Slot size Set from ft. to ft.
Slot size Set from ft. to ft.

(9) CONSTRUCTION:

Well seal—Material used in seal Bentonite clay & drill
Depth of seal 171 ft. Was a packer used? no
Diameter of well bore to bottom of seal 13 to 80ft.
Were any loose strata cemented off? Yes No Depth
Was a drive shoe used? Yes No
Was well gravel packed? Yes No Size of gravel:
Gravel placed from ft. to ft.
Did any strata contain unusable water? Yes No
Type of water? depth of strata
Method of sealing strata off

(10) WATER LEVELS:

Static level 80 ft. below land surface Date 8-3-64
Artesian pressure lbs. per square inch Date

(11) WELL TESTS:

Drawdown is amount water level is lowered below static level

Was a pump test made? Yes No If yes, by whom? Stettler
Yield: 200 gal./min. with 17 ft. drawdown after 1 hrs.
" 300 " " 33 " " 1 "
" 420 " " 84 " " 2 "
Bailer test gal./min. with ft. drawdown after hrs.
Artesian flow g.p.m. Date

Temperature of water Was a chemical analysis made? Yes No

(12) WELL LOG:

Diameter of well below casing 10

Depth drilled 265 ft. Depth of completed well 265 ft.

Formation: Describe by color, character, size of material and structure, and show thickness of aquifers and the kind and nature of the material in each stratum penetrated, with at least one entry for each change of formation.

MATERIAL	FROM	TO
Top soil	0	2
Yellow clay	2	80
Clay yellow, L grey, dk grey and red	80	170
Basalt badly broken up with volcanic ash imbedded in the seams.	170	265
Hole raveled in badly at	200	210
Do not recommend pump set below 175 ft.		

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JUL 18 2017

SALEM, OR

Work started 7-13 1964 Completed 8-3-64 19
Date well drilling machine moved off of well 8-4-64 19

(13) PUMP:

Manufacturer's Name
Type: H.P.

Water Well Contractor's Certification:

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

NAME Harry A. Robinson
(Person, firm or corporation) (Type or print)

Address 2214 Front St. NE Salem, Ore.

Drilling Machine Operator's License No. 63

[Signed] Harry A. Robinson
(Water Well Contractor)

Contractor's License No. 22 Date 8-4-64, 19

JAN 27 1989

RECEIVED MARI 9172

9172 8/12/85 ac

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

WATER RESOURCES DEPT. SALEM, OREGON

JAN 19 1989

SC 3023

(1) OWNER: Well Number: Name City of Sublimity c/o Robert Gorman WATER RESOURCES DEPT. SALEM, OREGON Address 349 SW Division St. City Sublimity State OR Zip 97385

(9) LOCATION OF WELL by legal description: Township 8S N or S, Range 1W E or W, WM. Section 35 SW 1/4 NE 1/4 Tax Lot Lot Block Subdivision Street Address of Well (or nearest address) 8280 Boedigheimer Rd SE Sublimity, OR 97385

3-8/10

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

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

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

(10) STATIC WATER LEVEL: 220' ft. below land surface. Date 12-27-88 Artesian pressure lb. per square inch. Date

(5) BORE HOLE CONSTRUCTION: 1 Construction approval Yes No Depth of Completed Well 515 ft. Explosives used [] [X] Type Amount

(11) WATER BEARING ZONES: Depth at which water was first found 275'

Table with columns: HOLE Diameter, SEAL Material, Amount sacks or pounds. Row 1: 2" 0 476 neat cement 262 0 118 sacks. Row 2: 8" 476 515

Table with columns: From, To, Estimated Flow Rate, SWL. Row 1: 261' 317' 300 gpm 220. Row 2: 360' 470' 200 gpm 220. Row 3: 520' 570' 200 gpm 220

How was seal placed: Method [] A [] B [X] C [] D [] E [] Other Backfill placed from 265 ft. to 262 ft. Material sand #8 Gravel placed from 476 ft. to 265 ft. Size of gravel 1/2" round

(12) WELL LOG: Table with columns: Material, From, To, SWL. Rows include Top soil, Clay red loose, Clay grey loose, Clay blue sticky, Sandstone soft decomposed grey, Basalt fractured black, Decomposed sandstone grey with streaks of hard green sandstone, Basalt black broken, Basalt grey hard, Basalt black broken, Basalt grey hard, Wood black soft, Basalt grey hard, Clay grey soft, Claystone grey hard, Basalt grey hard, Basalt grey broken, Basalt grey hard, Clay grey soft, Basalt semi-hard fract. black, Marine sed. fract. soft, Basalt grey soft w/ green. Includes vertical stamp: RECEIVED BY CWLID JUL 18 2017 SALEM, OR

(6) CASING/LINER: Diameter From To Gauge Steel Plastic Welded Threaded Casing: 8" +1 476 .250 [X] [] [X] [] Liner: Final location of shoe(s) 476'

PERFORATIONS/SCREENS: [X] Perforations Method Holt air perf. [] Screens Type 3/8"x1 1/2" Material From To Slot size Number Diameter Tele/pipe size Casing Liner

(8) WELL TESTS: Minimum testing time is 1 hour [X] Pump [] Bailer [X] Air [] Flowing Artesian Yield gal/min Drawdown Drill stem at Time pump 600 33 450' 8hrs. air 400 470' 1hr. 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:

(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 well construction standards. Materials used and information reported above are true to my best knowledge and belief. Signed Daniel J. [Signature] WWC Number 1487 Date 1-18-89

(bonded) Water Well Constructor Certification: I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon well construction standards. This report is true to the best of my knowledge and belief. Signed [Signature] WWC Number 723 Date 1-19-89

JAN 27 1989

RECEIVED MARI 9172

JAN 19 1989

STATE OF OREGON WATER RESOURCES DEPT. WATER WELL REPORT SALEM, OREGON (as required by ORS 537.765)

9173 8/10/500 3-9/10

(1) OWNER: Name City of Sublimity-CONTINUATION Well Number: Address City State Zip

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

(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

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

Table with columns: HOLE Diameter, SEAL From, To, Material, From, To, Amount sacks or pounds

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

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

Final location of shoe(s)

PERFORATIONS/SCREENS:

[] Perforations Method [] Screens Type Material

Table with columns: From, To, Slot size, Number, Diameter, Tele/pipe size, Casing, Liner

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

[] Pump [] Bailer [] Air [] Flowing [] Artesian Yield gal/min Drawdown Drill stem at Time 1 hr.

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

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

(11) WATER BEARING ZONES: Table with columns: From, To, Estimated Flow Rate, SWL

(12) WELL LOG: Table with columns: Material, From, To, SWL. Includes text: RECEIVED BY OWRD JUL 18 2017 SALEM, OR 12720

Date started Completed

(unbonded) Water Well Constructor Certification: I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oregon well construction standards. Materials used and information reported above are true to my best 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 well construction standards. This report is true to the best of my knowledge and belief. WWC Number 723 Signed Date 1-18-89

NO 3023
RECEIVED

"START CARD"
NOTICE OF BEGINNING OF WELL CONSTRUCTION
(as required by ORS 537.762)

JUL 27 1988

WATER RESOURCES DEPT.
SALEM, OREGON

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original delivered to the Water Resources Department prior to commencement of construction, alteration or abandonment of each well.

Owner's Name and Mailing Address City of Sublimity c/o Robert Gorman
349 SW Division St.
Sublimity, OR 97385

Proposed Commencement Date 1-10th of AUG 1988

Proposed Well Depth 300-400, Diameter 8"-12"

- and Use:
- Domestic
 - Community
 - Industrial
 - Irrigation
 - Thermal
 - Injection
 - Other

Proposed Well Location: County MARION

Township 8S (N or S) Range 1W (E or W) Section 35

At least 2 of these must be provided

1. SW 1/4 of NE 1/4 of above section
2. street address of well location 8280 Boedigheimer Rd S.E
Sublimity, OR 97385
3. tax lot number of well location _____
4. attach approved map with location identified.
(see reverse of this form for approved maps)

RECEIVED BY OWRD

JUL 18 2017

SALEM, OR

We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks and septic drain fields.

x City of Sublimity, OR
Owner's Signature

x [Signature]
Borided Water Well Constructor

by Robert P. Gorman, City Engr.
Title

License No. 723

July 20, 1988
Date

Company STACO

Note: This is not a Water Right application. The owner is responsible for obtaining a Water Right through the Water Resources Department if required.

ericurstadt@hotmail.com

From: Eric Urstadt
Sent: Tuesday, November 15, 2016 1:39 PM
To: BOUCHIER Aurora C
Cc: 'David & Sue'
Subject: RE: Potential to transfer Schumacher Well #3 to Sublimity - Groundwater Section Perspective

Follow Up Flag: Follow up
Flag Status: Flagged

Aurora,
I've been told that Dave Schumacher had called you about this question. I've been out of town, but I am back.

I've tabulated some data that might help...

- The data on the Sublimity wells is from their City Engineer's report.
- The data on the Schumacher well came from your email (MARI 9170)

I suspect that the City has been doing some well monitoring since the Engineer's Report recommends that it get done. I don't know how often the monitoring is done. The data of yours does not have a measurement for 10/2015, but one would think that think that the 10/2015 elevation would be at the well end of the SWL elevation cycle due to the irrigation and dry summer just proceeding that month.

Based on this it seems sensible (to me) that the wells are likely within the same aquifer, and it seems worthwhile to keep pursuing this question.

I have not looked into the relative locations of the wells.

When you get time please let me know how things are looking for this issue.

Sublimity City Wells			
Well #*	Site Elev** (MSL)	SWL 10/2015**	AMSL 10/2015**
1	556	168	388
2	541	141	400

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JUL 18 2017

SALEM, OR

ATTACH 4-1/8

T 12720

3	542	131	411
4	645	247	398

Schumacher Well #3			
Well #	Site Elev	SWL	AMSL***
MARI			
9170 - Well#3	?	93 (original)	260-420

Notes:

- * <https://yourwater.oregon.gov/inventory.php?pwsno+00844> - OR41 00844 Sublimity City Well Log Data
 - ** City of Sublimity Water System Water Source Summary 2016 by Edwards Butts, PE.
 - *** email from aurora.c.bouchier@state.or.us, Wednesday, July 13, 2016 2:49 PM
- SWL = feet below ground of static water level
 MSL = Elevation of ground at well in feet above mean sea level
 AMSL = Elevation of static water in well in feet above MSL

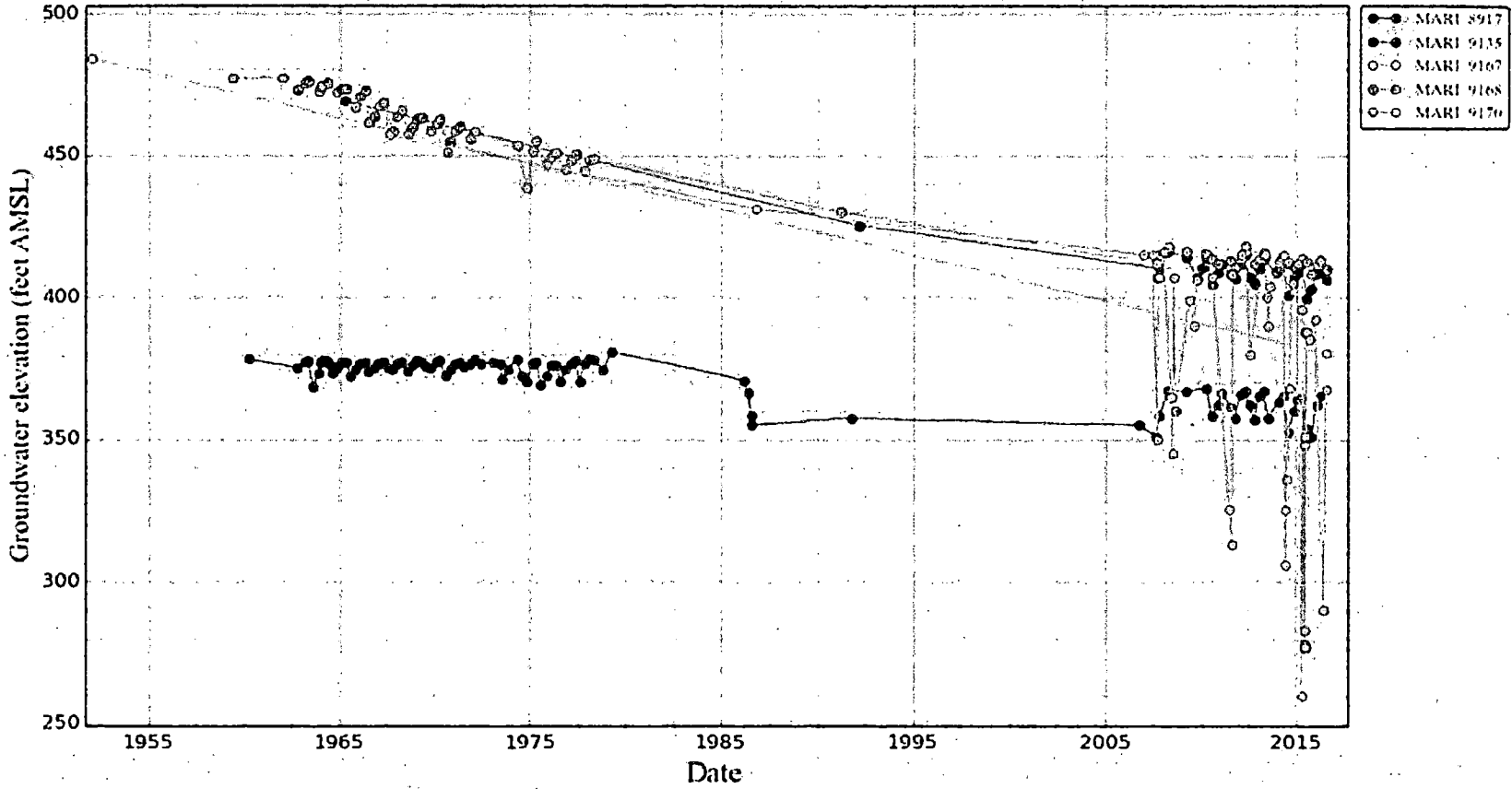
112720

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 JUL 18 2017
 SALEM, OR

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 JUL 18 17
 SALEM, OR

4-2/3

Observation Well Data



RECEIVED BY OWRD

JUL 18 2017

SALEM, OR

T 12720

4-3/8

ericurstadt@hotmail.com

From: ORLOWSKI Dennis R * WRD <Dennis.R.Orlowski@oregon.gov>
Sent: Monday, December 05, 2016 4:30 PM
To: David & Sue
Cc: Urstadt Eric; Tom; Schumacher Tom; Schumacher Brian; BOUCHIER Aurora C * WRD
Subject: RE: Potential to transfer Schumacher Well #3 to Sublimity - Groundwater Section Perspective

Follow Up Flag: Follow up
Flag Status: Flagged

RECEIVED BY OWRD

JUL 18 2017

SALEM, OR

Hello everyone,

I understand more information is being requested by both the Schumachers and the City of Sublimity to help decide whether or not to proceed with an application for a water rights transfer from irrigation to municipal use. I also understand that the water right being considered for transfer is Certificate 47073, which currently lists the well MARI 9170/9160 as the only source (or Point of Appropriation, POA). After reviewing available information, I can offer the following preliminary opinions and recommendations.

I agree with Aurora's previous assessment that the groundwater source at the Schumacher Well #3 (MARI 9170/9160) appears to be the same source tapped by the City of Sublimity's four wells (MARI 9149, 9142/61352, 9147, 9172).

However, although establishing that the groundwater sources are the same will help facilitate a transfer, this alone will not guarantee that the transfer will ultimately be successful. First, evaluating the sources is only part of our technical evaluation in the OWRD Groundwater Section. Our work also includes determining if the transfer will potentially injure other groundwater users; we have NOT yet done this, because frankly we need to wait until a formal transfer application, with key additional information included, has been submitted before we can complete that part of our evaluation. Secondly, there are other important steps in the water rights transfer process, such as a public comment period during which objections might be raised, potential complications in transferring an irrigation right to a municipal right, review and approval by the OWRD Water Rights Section (separate from our Groundwater Section), review and approval by other state agencies, etc.

Regarding David's question as to '...whether they can use the transfer rights to pump out of their existing wells or whether they would have to pump it out of where the well is now located'. From my preliminary evaluation, there would not be a requirement for the City 'to pump it out of where the well is now located'. That is, the transfer could be used to transfer your current 'right' to pump water from your Well #3, to the City for pumping that same amount of water from one or more of their four existing wells (this would be a change in the POA).

If I understand the rest of David's e-mail correctly, it appears as though one option is to have the City of Sublimity, through annexation, acquire your Well #3 and use that actual well as a new municipal water source (?). If this is correct, please be advised that compared to irrigation wells, there are a lot of other factors that need to be considered with wells used for public water supply systems. For instance, if Well #3 were to be considered by the City as a new

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municipal/drinking water source for them, other entities would have to become involved to ensure the safe quality of water pumped from the well, including the Oregon Health Authority, well construction staff at OWRD, and the City itself. City staff will know of these additional requirements and limitations for municipal supply wells, and Eric should also be able to help you with related questions.

To summarize, from ONLY a technical groundwater perspective, a potential transfer in use from Well #3 to one of the City's four wells appears favorable, but as you can see there would be many other factors involved before a transfer could be approved (especially if the City decides to acquire your Well #3 and use it as a municipal source). Again, please note that this is indeed preliminary, and for us to be able to move forward requires formal submission of a transfer application. Also note that Aurora and I are in the OWRD Groundwater Section, and for transfers we only provide technical support to the OWRD Water Rights Section, which is the section with the final word in any water rights matters.

My recommendation is to submit a transfer application to formally begin the process at OWRD. The application requires specific information, such as which wells (POAs) are proposed to be involved in the transfer, how much of the current water right allocation is to be transferred, etc. This information will allow us in the Groundwater Section to complete our technical evaluation. Also, once the transfer application is submitted, a case worker from the OWRD Water Rights Section will be assigned who will be able to answer any water rights-related questions you might have.

I hope this information helps in your decision-making process.

Regards,
Dennis

Dennis Orłowski | Hydrogeologist – Groundwater Section

Oregon Water Resources Department
725 Summer St. NE, Suite A
Salem, Oregon 97301
Phone: 503.986.0897 | E-Mail: dennis.r.orłowski@oregon.gov

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JUL 18 2017

SALEM, OR

From: BOUCHIER Aurora C * WRD
Sent: Wednesday, November 30, 2016 1:10 PM
To: David & Sue; ORŁOWSKI Dennis R * WRD
Cc: Urstadt Eric; Tom; Schumacher Tom; Schumacher Brian
Subject: RE: Potential to transfer Schumacher Well #3 to Sublimity - Groundwater Section Perspective

Hi Dave,

Dennis Orłowski is our hydrogeologist who will be working on this, I have included him in this email. I understand he has already been in contact with Eric Urstadt and I am not certain where that conversation stands.

Cheers.

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Aurora Bouchier, R.G.

Hydrogeologist

Oregon Water Resources Department

725 Summer St., NE, Suite A

Salem, OR 97301-1271

503.986.0841

Aurora.C.Bouchier@wrд.state.or.us

“All the water that will ever be is, right now.” –National Geographic, October 1993

“When the well is dry, we know the worth of water.” –Benjamin Franklin, Poor Richard’s Almanack, 1746

From: David & Sue [<mailto:schumach@wvi.com>]

Sent: Wednesday, November 30, 2016 11:38 AM

To: BOUCHIER Aurora C * WRD

Cc: Urstadt Eric; Tom; Schumacher Tom; Schumacher Brian

Subject: Fw: Potential to transfer Schumacher Well #3 to Sublimity - Groundwater Section Perspective

Hi Aurora,

Just checking in with you to find out how we can obtain an answer to the transfer of our well to the City of Sublimity? Neither of us can proceed until we know whether they can use the transfer rights to pump out of their existing wells or whether they would have to pump it out of where the well is now located. Our proposal to the City includes annexation of about 10 acres of the property including the house, shop, and **the well which would be in the City limits if approved**, not in the County. Everything hinges on this is a very important subject at this point for the Dorothy C. Schumacher Estate and our family. I hope the Oregon Water Resources Department can help with transaction as the Estate would like to see the water stay within the community for it’s long term survival.

Thank You for all your help....

1 Dave

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From: Eric Urstadt

Sent: Tuesday, November 15, 2016 1:38 PM

To: BOUCHIER Aurora C

Cc: 'David & Sue'

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JUL 18 2017

SALEM, OR

Subject: RE: Potential to transfer Schumacher Well #3 to Sublimity - Groundwater Section Perspective

Aurora,

I've been told that Dave Schumacher had called you about this question. I've been out of town, but I am back.

I've tabulated some data that might help...

- The data on the Sublimity wells is from their City Engineer's report.
- The data on the Schumacher well came from your email (MARI 9170)

I suspect that the City has been doing some well monitoring since the Engineer's Report recommends that it get done. I don't know how often the monitoring is done. The data of yours does not have a measurement for 10/2015, but one would think that think that the 10/2015 elevation would be at the well end of the SWL elevation cycle due to the irrigation and dry summer just proceeding that month.

Based on this it seems sensible (to me) that the wells are likely within the same aquifer, and it seems worthwhile to keep pursuing this question.

I have not looked into the relative locations of the wells.

When you get time please let me know how things are looking for this issue.

Sublimity City Wells			
Well #*	Site Elev** (MSL)	SWL 10/2015**	AMSL 10/2015**
1	556	168	388
2	541	141	400
3	542	131	411
4	645	247	398

Schumacher Well #3			
Well #	Site Elev	SWL	AMSL***
MARI 9170 - Well#3	?	93 (original)	260-420

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SALEM, OR

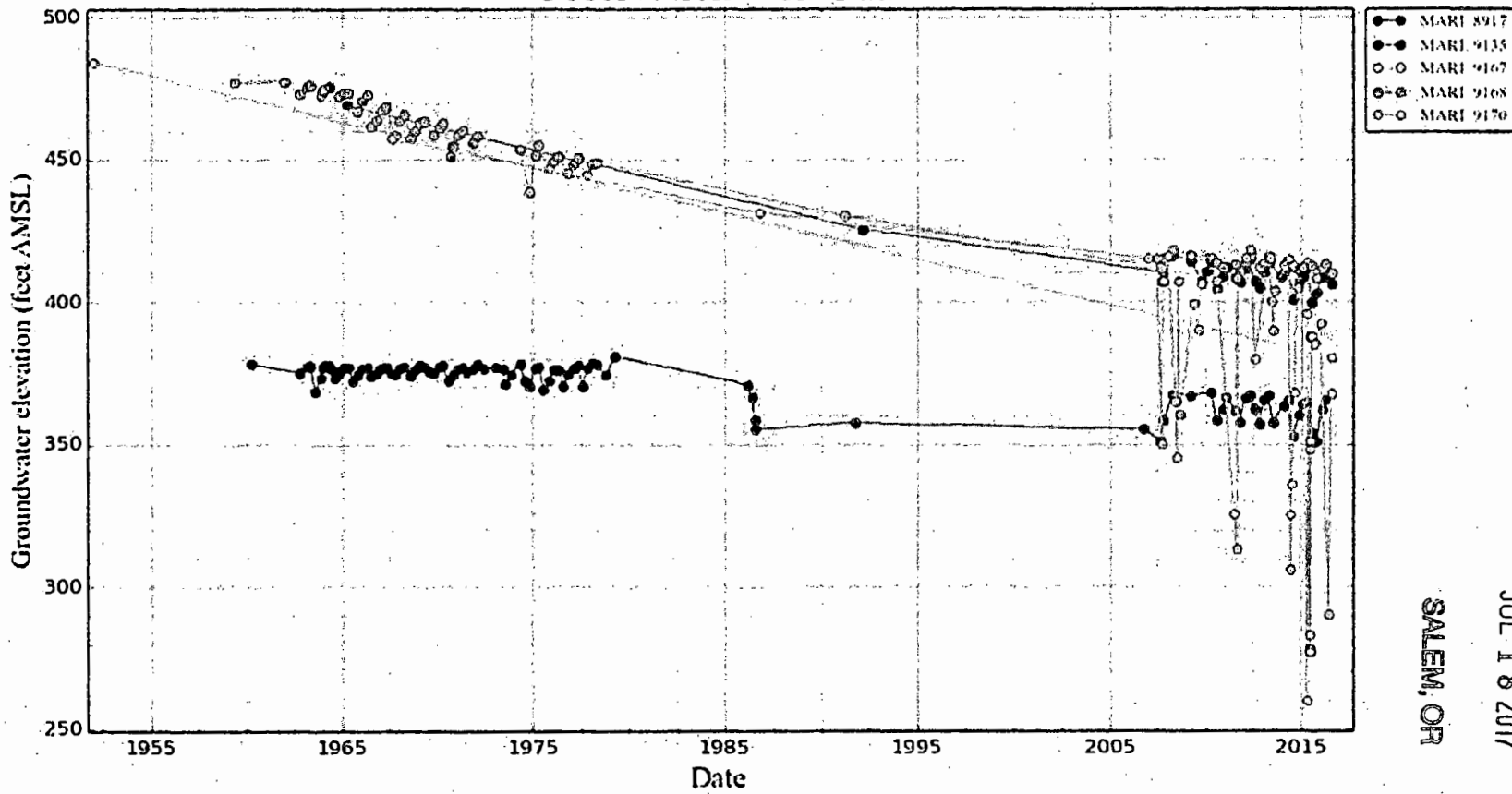
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Notes:

- * <https://yourwater.oregon.gov/inventory.php?pwsno+00844> - OR41 00844 Sublimity City Well Log Data
 - ** City of Sublimity Water System Water Source Summary 2016 by Edwards Butts, PE.
 - *** email from aurora.c.bouchier@state.or.us, Wednesday, July 13, 2016 2:49 PM
- SWL = feet below ground of static water level
MSL = Elevation of ground at well in feet above mean sea level
AMSL = Elevation of static water in well in feet above MSL

Observation Well Data



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