

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

Application for **Permit Amendment**

Part 1 of 5 - Minimum Requirements Checklist

This permit amendment 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.

Che	ck all it	ems included with this application. $(N/A = Not Applicable)$
\boxtimes		Part 1 – Completed Minimum Requirements Checklist.
\boxtimes		Part 2 – Completed 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.
\boxtimes		Part 4 – Completed Applicant Information and Signature.
\boxtimes		Part 5 – Information about Permits to be Amended: Number of permits to be amended: 1 List the Permits here: G-16917
<u> </u>		Please include a separate Part 5 for each permit. (See instructions on page 6)
\boxtimes		Completed Permit Amendment Application Map (Does not have to be prepared by a Certified Water Right Examiner).
	⊠ N/A	Request for Assignment Form and statutory fee. The request for assignment form has to be completed if the applicant is not the permit holder of record and needs to be assigned to the permit; or the landowner of the proposed place of use is not the permit holder of record and needs to be assigned to the permit (the Request for Assignment Form is available online at https://www.oregon.gov/OWRD/Forms/Pages/default.aspx). Assignment is not needed if the applicant is the permit holder of record.
	⊠ N/A	Affidavit(s) of Consent are required from all permit holder(s) of record if the permit is not assigned to the applicant or other permit holders of record that are not listed as applicants.
\boxtimes	□ N/A	Oregon Water Resources Department's Land Use Information Form with approval and signature (or signed land use form receipt stub) 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.
\boxtimes	□ 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 feet from the surface water source and more than 1000 feet upstream or downstream from the point of diversion. (ORS 540.531(2) or (3)).
		(For Staff Use Only)
		WE ARE RETURNING YOUR APPLICATION FOR THE FOLLOWING REASON(S) RECEIVED 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:// OWRD

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

Please be sure that the map you submit includes all the items listed below and meets the requirements of OAR 690-380-3100, however, the map does not have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

	\square N/A	If more than three permits are involved, separate maps for each permit.
\boxtimes		Permanent quality printed with dark ink on good quality paper.
\boxtimes		The size of the map can be $8\frac{1}{2} \times 11$ inches, $8\frac{1}{2} \times 14$ inches, 11×17 inches, or up to 30×30 inches. For 30×30 inch maps, one extra copy is required.
\boxtimes		A north arrow, a legend, and scale.
\boxtimes		The scale of the map must be: $1 \text{ inch} = 400 \text{ feet}$, $1 \text{ inch} = 1,320 \text{ feet}$, the scale of the county assessor map if the scale is not smaller than $1 \text{ inch} = 1,320 \text{ feet}$, or a scale that has been preapproved by the Department.
\boxtimes		Township, Range, Section, ¼ ¼, DLC, Government Lot, and other recognized public land survey lines.
\boxtimes		Tax lot boundaries (property lines) are required. Tax lot numbers are recommended.
\boxtimes		Major physical features including rivers and creeks showing direction of flow, lakes and reservoirs, roads, and railroads.
\boxtimes		Major water delivery system features from the point(s) of diversion/appropriation such as main pipelines, canals, and ditches.
\boxtimes		Existing place of use that includes separate hachuring for each water use permit, 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 permit is being changed, a separate hachuring is needed for the portion of the permit left unchanged.
	⊠ N/A	If you are proposing a change in place of use, show the proposed place of use with hachuring that includes separate hachuring for each permit, 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.
\boxtimes		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 use 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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	FEE WORKSHEET for PERMIT AMENDMENT						
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,160				
	Types of change proposed:						
	Place of Use						
	☐ Point of Diversion/Appropriation						
	Number of above boxes checked = $\underline{1(2a)}$						
	Subtract 1 from the number in line $2a = 0$ (2b) If only one change, this will be 0						
	Multiply line 2b by \$930 and enter » » » » » » » » » » » » » » »		-				
2_		2	0				
	Number of permits included in Permit Amendment 1 (3a)		İ				
	Subtract 1 from the number in 3a: 0 (3b) If only one permit this will be 0						
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?						
	No: enter 0 »» » » » » » » » » » » » » » » »	ŀ					
4		4	\$410				
	Do you propose to change the place of use?						
	No: enter 0 on line 5 » » » » » » » » » » » » » » » » »						
	Yes: enter the cfs for the portions of the permits to be amended (see						
	example below*):(5a)						
	Subtract 1.0 from the number in 5a above:(5b)						
	If 5b is 0, enter 0 on line 5 » » » » » » » » » » » » » » » »						
	If 5b is greater than 0, round up to the nearest whole number:(5c)						
5	and multiply 5c by \$350, then enter on line 5 » » » » » » » »	5	0				
6	Add entries on lines 1 through 5 above » » » » » » » » » Subtotal:	6	\$1,570				
	Is this permit amendment:		-				
	necessary to complete a project funded by the Oregon Watershed						
	Enhancement Board (OWEB) under ORS 541.932?						
	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 » » » » » » » » Permit Amendment Fee:	8	\$1,570				

- *Example for Line 5a calculation to transfer 45.0 acres of Primary Permit S-12345 (total 1.25 cfs for 100 acres) and 45.0 acres of Supplemental Permit S-87654 (1/80 cfs per acre) on the same land:
- 1. For irrigation calculate cfs for each permit involved as follows:
 - a. Divide total authorized cfs by total acres in the permit (for S-12345, 1.25 cfs \div 100 ac); then multiply by the number of acres to be changed to get the application cfs (x 45 ac = 0.56 cfs).
 - b. If the water right permit does not list total cfs, but identifies the allowable use as 1/40 or 1/80 of a cfs per acre; multiply number of acres proposed for change by either 0.025 (1/40) or 0.0125 (1/80). (For S-87654, 45.0 ac x 0.0125 cfs/ac = 0.56 cfs)
- 2. Add cfs for the portions of permits on all the land included in the application; however do not count cfs for supplemental permits on acreage for which you have already calculated the cfs fee for the primary permit on the same land. The fee should be assessed only once for each "on the ground" acre included in the application. (In this example, blank 5a would be only 0.56 cfs, since both permits serve the same 45.0 acres. Blank 5b would be 0 and Line 5 would then also become 1).

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Appli	icant	Inform	ation*
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APPLICANT/BUSINESS NAME	<u> </u>	-	PHONE NO.	ADDITIONAL CONTACT NO.			
Rockwood Water People's U	Itility Distric	t, ATTN: Brian	503-665-4179				
Stahl							
ADDRESS	FAX NO.						
19601 NE Halsey BLVD							
CITY	STATE	ZIP	E-MAIL				
Portland	Or	97030	bstahl@rwpud.org	5			
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE							
				NTS WILL ALSO BE MAILED.			

Applicant Information

APPLICANT/BUSINESS NAM	IE	PHONE NO.	ADDITIONAL CONTACT NO.				
City of Gresham: ATTN	: Mike Whiteley	503-618-2314					
ADDRESS	ADDRESS						
1333 NW Eastman Park	way						
CITY	CITY STATE ZIP E-MAIL						
Gresham	OR	97030	Mike. Whiteley@0	GreshamOregon.gov			
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE							
DEPARTMENT ELECTI	RONICALLY. CO	PIES OF THE	FINAL ORDER DOCUME	NTS WILL ALSO BE MAILED.			

^{*}Rockwood Water People's Utility District and City of Gresham are the water rights holders of record for permit G-16917.

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

AGENT/BUSINESS NAME	,	PHONE NO.	ADDITIONAL CONTACT NO.					
GSI Water Solutions,	Inc. ATTN: Ted Re	971-200-8509						
ADDRESS		•	FAX NO.					
55 SW Yamhill St, Suite 300								
CITY	STATE	ZIP	E-MAIL					
Portland	OR	Tressler@GSIWS	Tressler@GSIWS.com					
BY PROVIDING AN E-MAIL ADDRESS, CONSENT IS GIVEN TO RECEIVE ALL CORRESPONDENCE FROM THE								
DEPARTMENT ELEC	DEPARTMENT ELECTRONICALLY. COPIES OF THE FINAL ORDER DOCUMENTS WILL ALSO BE MAILED.							

Explain in your own words what you propose to accomplish with this permit amendment; and why: The Applicant is proposing to change the point of appropriation for authorized Well 4 on existing Permit G-16917 and add three additional points of appropriation (Cascade 7, Well 9, and Well 10) to the same permit.

and Well 10) to the same permit.
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)
Is the applicant the permit holder of record? 🖂 Yes 🗌 No
If NO, include either:
A completed assignment form (with required statutory assignment fee), assigning all or a portion of the permit to the applicant(s), OR
An affidavit of consent from the permit holder(s) of record that gives permission for the applicant to amend the permit.
Has the Completion ("C") Date of the permit(s) in this application expired? Yes No

If YES, this application will not be accepted by the Department.

If NO, what are the completion dates of the permit(s)? 10/1/2047

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- If the permit completion date expires while the Permit Amendment Application is pending, the Department will not approve the Permit Amendment Application until an Extension of Time Application is approved for the permit.
- You may consider using the Reimbursement Authority process to expedite the processing of this Permit
 Amendment Application if the completion date of the permit expires within 6 months of the date of filing
 this application.

By my signature below, I confirm that I understand:

Prior to Department approval of the permit amendment, 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 permit 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: Gresham Outlook.



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

autiant Simutum

Brian Stahl

Print Name (and Title if applicable)

Date ...

Applicant Signature

Mike Whiteley
Print Name (and Title if applicable)

Date

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☐ The applicant is responsible for completion of change(s). Notices and correspondence sho continue to be sent to the applicant.									
[The permit holder(s) of record will be responsible for completing the proposed change(s) after the final order is issued. Copies of notices and correspondence should be sent to the permit holder(s) of record.								
Che	ck the appropriate box, if applicable:								
	Check here if any of the permits proposed for amendment are or will be located within or served by an irrigation or other water district.								
IRRIG	FATION DISTRICT NAME	ADDRESS							
CITY		STATE	ZIP						
	Check here if water for any of the permits supplied under a water service agreement or other contract for stored water with a federal agency or other entity.								
ENTI	TY NAME	ADDRESS							
CITV		STATE	ZID						



Check one of the following:

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

ENTITY NAME Rockwood Water People's Utility District	ADDRESS 19601 NE Halsey BLVD				
CITY	STATE	ZIP			
Portland	OR	97030			

ENTITY NAME	ADDRESS					
City of Gresham	1333 NW Eastman Parkway					
CITY	STATE	ZIP				
97030	OR	97030				

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INSTRUCTIONS for editing the Application Form

To add additional lines to tables within the forms or to copy and paste additional Part 5 pages, please save the application form to your computer. Unlock the document by using one of the following instructions for your Microsoft Word software version:

Microsoft Word 2003

Unlock the document by one of the following:

- Using the Tools menu => click Unprotect Document; OR
- Using the Forms toolbar => click on the Protect/Unprotect icon.

To relock the document to enable the checkboxes to work, you will need to:

Using the Tools menu => click Protect Document;
 OR

• Using the Forms toolbar => click on the Protect/Unprotect icon.

Once the application has been unlocked, you may:

- add additional rows to tables using the Table tools, and
- select and copy the pages of Part 5 and paste as many additional sets of Part 5 pages as needed at the end of the application.

After editing, re-lock the document to enable checkboxes to work.

Microsoft Word 2007

- Unlock the document by clicking the **Review** tab, then click **Protect Document**, then click **Stop Protect**
- To relock the document, click Editing Restrictions, then click Allow Only This Type of Editing, select Filling In Forms from the drop-down menu, then check Yes, Start Enforcing Protection.

Microsoft Word 2010

- Unlock the document by clicking the **Review** tab, toggle the **Restrict Editing icon** at the upper right, then click **Stop Protect** at the bottom right. Then uncheck the "Allow only this type of editing in the document: Filling in forms" in the "Editing restrictions" section on the right-hand list of options.
- To relock the document, check the **Editing Restrictions/Allow Only This Type of Editing/Filling In Forms** box from the drop-down menu, then check **Yes, Start Enforcing Protection**. You do not need to assign a password for the editing restrictions.

Other Alternatives:

- Photocopy pages or tables in Part 5, mark-through any non-applicable information, insert/attach photocopied pages to document in the appropriate location, and manually amend page numbers as necessary (e.g. Page 5 6 of 9 10).
- You may refer to additional attachments that you may include, such as separately produced tables or spreadsheets to convey large numbers of rows of place of use listings, owner/property parcels, etc. You may contact the Department at 503-986-0900 and ask for Transfer Staff if you have questions.

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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 in the permit, assign it a name or number here.)

TR	Is this POD/POA Authorized by the permit or	If POA, OWRD Well Log ID# (or								Tax Lot, DLC	Measured Distances (from a recognized
	is it Proposed?	Well ID Tag # L)	T	wp	R	ng	Sec	, 1/4	1/4	or Gov't Lot	survey corner)
Well 1 (Cascade 5)	□ Authorized □ Proposed	MULT 98998	1	N	3	E	29	sw	SE	1400	255 feet North and 2640 feet East from the SW corner of Suction 29
Well 2			1	N	3	E	31	NE	NW	2300	400 feet South and 2100 feet West from the NE corner of Section 31
Well 3	□ Authorized □ Proposed		1	S	3	E	3	NW	NW	800	425 feet South and 490 feet East from the NW corner of Section 3
Well 4			1	N	3	E	32	NW	SE	1700	1700 feet North and 1700 feet West from the SE corner of Section 32
Well 4	☐ Authorized ☐ Proposed Location		1	N	3	E	32	NW	SE	1500	2220 feet North and 1780 feet West from the SE corner of Section 32
Well 5			1	N	3	E	33	NE	SE	1201	2200 feet North and 500 feet West from the SE corner of Section 32
Well 6 (Cascade 3)	□ Authorized □ Proposed	MULT 70128	1	N	3	E	29	SE	SE	104	465 feet North and 1040 feet West from the SE corner of Section 29
Well 7			1	S	3	E	9	sw	NW	8100	1500 feet South and 900 feet East from the NW corner of Section 9
Well 8 (Cascade 8)	□ Authorized □ Proposed		1	N	2	E	35	NE	SE	4700	2170 feet North and 485 feet West from the SE corner of Section 35
Cascade 4	□ Authorized □ Proposed	MULT 72119	1	N	3	E	29	sw	SE	104	415 feet North and 1520 feet West from the SE corner of Section 29
Cascade 7	☐ Authorized ☐ Proposed	ECEIVED	1	N	3	E	33	sw	NW	1000	3340 feet North and 215 feet East from the SW corner of Section 33
Well 9	☐ Authorized ☐ Proposed	ECENED OCT 21 2019)1	N	3	E	32	NW	NW	5400	1085 feet South and 1170 feet East from the NW corner of Section 32

Well 10	☐ Auth			1	s	3	E	8	NE	sw	601	3565 feet South and 2275 feet East from the NW corner of Section 8
Chec	k all typ	oe(s) of change	e(s) proposed	l bel	low (chan	ıge "	COD	ES" a	re pro	vided	in parentheses):
	Plac	e of Use (POU	J)			\boxtimes	P	oint o	f Appı	ropriat	ion/W	ell (POA)
	Poir	nt of Diversion	(POD)			\boxtimes	A	Additic	nal Po	oint of	Appro	priation (APOA)
	Add	itional Point o	f Diversion (A	APO	D)			Surface SW/G		r POD	to Gro	ound Water POA
Will	all of th	e proposed ch	anges affect	the	entir	e wa	ter ı	use pe	rmit?			
Σ	Yes	_	ly the propose sted above to	•			•				the ne	xt page. Use the
] No	Complete all	of Table 2 to	des	cribe	the 1	porti	on of	the pe	rmit to	be cha	anged.
or a chai	ıσe in n	ace of use:										
		<i>r</i>	d own or con	trol	the	land	TO	which	h the r	nlace o	of use i	s being moved?
Yes □								,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1 0110		or use r	being moveu.
as a peri	mit hold	vner of the land er of record b an assignment.	d TO which the submitting a	ne pla co	lace of mple	of use ted F	e is l Requ	est for	moved Assig	l must gnmen	t be ass	signed to the permit and the required
the proj	posed pl	ace of use con	tiguous to th	e au	thor	ized	plac	e of u	se? 🗆] Yes	□ No	
unless the property of the pro	te change arposes or the fe gency. C	e to non-contig of benefiting a	uous lands is species listed red Species A l being either	in fi as s ct o adja	urthe sensit f 197 icent	rance ive, '3 (10 land	e of thread thread 5 U.S or la	mitiga atened S.C. 1: and se	tion or , or en 531 to parate	r consed dange 1544) d from	ervation red und , as det nothe land	
										\	RE	CEIVED
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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 Use Permit # G-16917

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.

	ist	ing ly tl	tha	t app	oears	on th CF	e cer IAN f the	rtific GES wate Gvt ot or	S er right that Acres	lands) DRE PROP will be cha POD(s) or POA(s) (name or number from Table	ringed. Priority Date	Proposed Changes (see "CODES" from previous page)	Twp	R	Γhe ng	listin	ng as			pear A are i Gvt Lot or	made.	n" lands) ROPOSED CHANGE POD(s) or POA(s) to be used (from Table 1)	
2 5	4	E	15	NI				66	15.0	POD #1 POD #2		POU/POD	2 S	9	E		NW	s 10	100	1	10.0	POD #5	
					TOTA				EXAMPLE			POA/APOA	2 S	9	E		ee Att	achme	ent A		5:0	POD #6 Well 1 (Cascade 5), Well 2, Well 3, Well 4, Well 5, Well 6 (Cascade 3), Well 7, Well 8 (Cascade 8), Cascade 4, Cascade 7, Well 9, Well 10	12/21/1977

Additional remarks: _____.

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Are there other water rights certificates, water use permits or ground water registrations associated	h
with the "from" or "to" lands? ☐ Yes ☐ No ☒ N/A – Permit G-16917 is for municipal use so water	r
rights are not "layered."	
If YES, list the other certificate, permit, or ground water registration numbers:	



If the permit(s) are for irrigation or supplemental irrigation use, other water rights existing on the same land for irrigation that are subject to transfer must either change concurrently or be cancelled. Any change to a water right certificate or ground water registration must be filed separately in a water right transfer application or ground water registration modification application, respectively.

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.

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 2	No		~1000ft	24in	0-500	Through TSA into CU2 (if present)	450-950	~140	Sand and Gravel Aquifer	13 CFS
Well 3	No		~1000ft	24in	0-500	Through TSA into CU2 (if present)	450-950	~140	Sand and Gravel Aquifer	13 CFS
Well 4	No		~1000ft	24in	0-500	Through TSA into CU2 (if present)	450-950	~140	Sand and Gravel Aquifer	13 CFS
Well 5	No		~1000ft	24in	0-500	Through TSA into CU2 (if present)	450-950	~140 RE CI	Sand and Gravel	13 CFS

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 7	No		~1000ft	24in	0-500	Through TSA into CU2 (if present)	450-950	~140	Sand and Gravel Aquifer	13 CFS
Well 8 (Cascade 8)	No		890ft	. 24in	+3-710	0-710ft	710-890	~200	Sand and Gravel Aquifer	13 CFS
Cascade 7	No		655ft	24in	+3-475	0-475ft	475-655	~200	Sand and Gravel Aquifer	13 CFS
Well 9	No		~850ft	24in	+1-550	Through TSA into CU2 (if present)	550-850	~220	Sand and Gravel Aquifer	13 CFS
Well 10	No		~800ft	24in	+1-500	Through TSA into CU2 (if present)	500-800	~250	Sand and Gravel Aquifer	13 CFS

^{*} The construction information provided for Wells 2, 3, 4, 5, and 7 is consistent with the construction information provided in permit amendment T-10554



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Attachment A. Permit G-16917

Application for a Permit Amendment – Rockwood Water People's Utility District and City of Gresham

Permit to Appropriate the Public Waters of the State of Oregon

This superseding permit is issued to describe an amendment for additional points of appropriation and changes in points of appropriation proposed under Permit Amendment Application T-10554 and approved by Special Order Vol. 88, Page , entered July 10, 2012, an extension of time for complete application of water approved April 10, 2012, an assignment to a new permittee approved July 8, 2005, and a partial assignment approved May 31, 2012. This permit supersedes Permit G-8719.

This is to certify that I have examined the foregoing application and do hereby grant the same, SUBJECT TO EXISTING RIGHTS INCLUDING THE EXISTING MINIMUM FLOW POLICIES ESTABLISHED BY THE WATER POLICY REVIEW BOARD and the following limitations and conditions:

	The	right her	ein gra	nted is	limite	d to t	he amoui	nt of water	whic	h car	be ap	plied	l to benefic	ial use	and
shall	not	exceed	53.5	cubic	feet	per	second	measured	at	the	point	of	diversion	from	the
well o	r sou	rce of app	propria	tion, or	its equ	uivale	ent in case	of rotation	with	othe	r water	user	rs, from		
nine	wells	S								• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	••••••	••••••	
	The	use to y	which s	vater is	s to b	e ap _l	plied is	municipal.	••••••	•••••		•••••		••••••	
						.									

Authorized Points of Appropriation:

Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	3 E	WM	29	SW SE	WELL 1 (CASCADE 5) - 255 FEET NORTH AND 2640 FEET EAST FROM THE SW CORNER OF SECTION 29
1 N	3 E	WM	31	NENW	WELL 2 - 400 FEET SOUTH AND 2100 FEET WEST FROM THE NE CORNER OF SECTION 31
1 S .	3 E	WM	3	NW NW	WELL 3 - 425 FEET SOUTH AND 490 FEET EAST FROM THE NW CORNER OF SECTION 3
, 1 N	3 E	WM	32	NW SE	WELL 4 - 1700 FEET NORTH AND 1700 FEET WEST FROM THE SE CORNER OF SECTION 32
1 N	3 E	WM	33	NE SE	WELL 5 - 2200 FEET NORTH AND 500 FEET WEST FROM THE SE CORNER OF SECTION 32
1 N	3 E	WM	29	SE SE	WELL 6 (CASCADE 3) - 465 FEET NORTH AND 1040 FEET WEST FROM THE SE CORNER OF SECTION 29
1 S	3 E	WM	9	SW NW	WELL 7 - 1500 FEET SOUTH AND 900 FEET EAST FROM THE NW CORNER OF SECTION 9
l N	2 E	WM	35	NE SE	WELL 8 - 2170 FEET NORTH AND 485 FEET WEST FROM THE SE CORNER OF SECTION 35
1 N	3 E	WM	29	SW SE	CASCADE 4 - 415 FEET NORTH AND 1520 FEET WEST FROM THE SE CORNER OF SECTION 29

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The authorized place of use is located as follows:

MUNICIPAL									
Twp	Rng	Mer	Sec	Q-Q					
1 N	2 E	WM	25	NE NE					
1 N	2 E	WM	25	NW NE					
1 N	2 E	WM	25	SW NE					
1 N	2 E	WM	25	. SE NE					
1 N	2 E	WM	25	SW NW					
1 N	2 E	WM	25	SE NW					
1 N	2 E	WM	25	NE SW					
1 N	2 E	WM	25	NW SW					
1 N	2 E	WM	25	SW SW					
I N	2 E	WM	25	SE SW					
1 N	2 E	WM	25	NE SE					
1 N	2 E	WM	25	NW SE					
IN	2 E	WM	25	SW SE					
1 N	2 E	WM	25	SE SE					
1 N	2 E	WM	26	NE SE					
1 N	2 E	WM	26	SE SE					
1 N	2 E	WM	35	NE SW					
1 N	2 E	WM	35	SESW					
1 N	2 E	WM	35	NE SE					
1 N	2 E	WM	35	NW SE					
1 N	2 E	WM	35	SW SE					
1 N	2 E	WM	35	SE SE					
1 N	2 E	WM	36	NE NE					
1 N	2 E	WM	36	NW NE					
1 N	2 E	WM	36	SW NE					
1 N	2 E	WM	36	SE NE					
l N	2 E	WM	36	NE NW					
1 N	2 E	WM	36	NW NW					
1 N	2 E	WM	36	SWNW					
1,N	2 E	WM	36	SE NW					
1 N	2 E	WM	36	NE SW					
1 N	2 E	WM	36	NW SW					
1 N	2 E	WM	36	SWSW					
IN	2 E	WM	36	SE SW					
1 N	2 E	WM	36						
1 N	2 E	WM	36	NE SE NW SE					
1 N	2 E		36	SW SE					
IN	2 E	WM							
1 N	3 E	WM	36	SE SE					
1 N	3 E	WM	20	NE NE					
1 N	3 E	WM	20	NW NE					
1 N	3 E	WM	20	SW NE					
1 N	3 E	WM	20	SE NE					
1 N	3 E	WM		NE NW					
1 N	3 E	WM	20 20	NWNW					
1 N	3 E	WM	20	SWNW					
1 N	3 E	WM		SE NW					
1 N	3 E	WM	20	NE SW					
	3 E	WM	20	NW SW					
1 N		WM	20	SW SW					
1 N	3 E	WM	20	SE SW					

MUNICIPAL									
Twp	Rng	Mer	Sec	Q-Q					
1 N	3 E	WM	20	NE SE					
IN	3 E	WM	20	NW SE					
1 N	3 E	WM	20	SW SE					
1 N	3 E	WM	20	SE SE					
1 N	3 E	WM	21	NE NW					
1 N	3 E	WM	21	NW NW					
1 N	3 E	WM	21	SWNW					
1 N	3 E	WM	21	SE NW					
1 N	3 E	WM	21	NE SW					
1 N	3 E	WM	21	NW SW					
1 N	3 E	WM	21	SW SW					
1 N	3 E	WM	21	SE SW					
1 N	3 E	WM	28	NE NW					
1 N	3 E	WM	28	NWNW					
1 N	3 E	WM	28	SW NW					
1 N	3 E	WM	28	SE NW					
1 N	3 E	WM	28	NE SW					
1 N	3 E	WM	28	NW SW					
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1 N	3 E	WM	28	SE SW					
1 N	3 E	WM	29	NE NE					
1 N	3 E	WM	29	NW NE					
1 N	3 E	WM	29	SW NE					
1 N	3 E	WM	29	SE NE					
1 N	3 E	WM	29	NE NW					
1 N	3 E	WM	29	NWNW					
1 N	3 E	WM	29	SWNW					
1 N	3 E	WM	29	SE NW					
1 N	3 E	WM	29	NE SW_					
1 N	3 E	WM	29	NW SW					
1 N	3 E	WM	29	SW SW_					
1 N	3 E	WM	29	SE SW					
1 N	3 E	WM	29	NE SE					
1 N	3 E	WM	29	NW SE					
1 N	3 E	WM	29	SW SE					
1 N	3 E	WM	29	SE SE					
1 N	3 E	WM	30	NE NE					
1 N	3 E	WM	30	NW NE					
1 N	3 E	WM	30.	SW NE					
1 N	3 E	WM	30	SE NE					
1 N	3 E	WM	30	NE NW					
1 N	3 E	WM	30	NWNW					
1 N	3 E	WM	30	SWNW					
1 N	3 E	WM	30	SE NW					
1 N	3 E	WM	30	NE SW					
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1 N	3 E	WM	30	SWSW					
1 N	3 E	WM	30	SE SW					
1 N	3 E	WM	30	NE SE.					
1 N	3 E	WM	30	NW SE					
1 N	3 E	WM	30	SW SE					

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	MUN	IICIPAL		
Twp	Rng	Mer	Sec	Q-Q
1 N	3 E	WM	30	SE SE
1 N	3 E	WM	31	NE NE
1 N	3 E	WM	31	NW NE
l N	3 E	WM	31	SW NE
1 N	3 E	WM	31	SE NE
1 N	3 E	WM	31	NE NW
l N	3 E.	WM	31	NWNW
1 N	3 E	WM	31	SWNW
1 N	3 E	WM	31	SE NW
1 N	3 E	WM	31	NE SW
1 N ·	3 E	WM	31	NWSW
IN	3 E	WM	31	SW SW
1 N	3 E	WM	31	SE SW
1 N	3 E	WM	31	NE SE
1 N	3 E	WM	31	NW SE
1 N	3 E	WM	31	SW SE
1 N	3 E	WM	31	SE SE
1 N	3 E	WM	32	NE NE
1 N	3 E	WM	32	NW NE
1 N	3 E	WM	32	SW NE
1 N	3 E	WM	32	SE NE
1 N	3 E	WM	32	NENW
1 N	3 E	WM	32	NW NW
1 N	3 E	WM	32	SW NW
1 N	3 E	WM	32	SE NW
1 N	3 E	WM	32	NE SW
1 N	3 E	WM	32	NWSW
1 N	3 E	WM	32	SW SW
- 1 N	3 E	WM	32	SE SW
1 N	3 E	WM	32	NE SE
1 N	3 E	WM	32	NW SE
1 N	3 E	WM	32	SW SE
1 N	3 E	WM	32	SE SE
1 N	3 E	WM	33	SW NE
1 N	3 E	WM	33	SE NE
1 N	3 E	WM	33	NE NW
1 N	3 E	WM	33	NW NW
1 N	3 E	WM	33	SW NW
1 N	3 E	WM	33	SE NW
1 N	3 E	WM	33	NE SW
1 N	3 E	WM	33	NW SW
1 N	3 E	WM	33	SW SW
1 N	3 E	WM	33	SE SW
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1 S	3 E	WM	3	NE NW					
1 S	3 E	WM	3	NW NW					
IS	3 E	WM	3	SWNW					
1 S	3 E	WM	3	SE NW					
1 S	3 E	WM	4	NE NE					
1 S	3 E	WM	4	NW NE					
1 S	3 E	WM	4	SW NE					
1 S	3 E	WM	4	SE NE					
1 S	3 E	WM	4	NE NW					
1 S	3 E	WM	4	NWNW					
18	3 E	WM	4	SWNW					
1 S	3 E	WM	4	SENW					
1 S	3 E	WM	4	NE SE					
1 S	3 E	WM	4	NW SE					
1 S	3 E	WM	4	SW SE					
1 S	3 E	WM	4	SE SE					
1 S	3 E	WM	5	NE NE					
1 S	3 E	WM	5	NW NE					
1 S	3 E	WM	5	SW NE					
1 S	3 E	WM	5	SE NE					
1 S	3 E	WM	5	NE NW					
1 S	3 E	WM	5	NW NW					
1 S	3 E	WM	5	SW NW					
1 S	3 E	WM		SENW					
1 S	3 E	WM	5	NE SW					
1 S	3 E	WM	5	NW SW					
18	3 E	WM	5	SW SW					
1 S	3 E	WM	5	SE SW					
1 S	3 E	WM	5	NE SE					
1 S	3 E	WM	5	NW SE					
1 S	3 E	WM	5	SW SE					
1 S	3 E	WM	5	SE SE					
1 S	3 E	WM	6	NE NE					
1 S	3 E	WM	6	NW NE					
1 S	3 E	WM	6	SW NE					
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1 S	3 E	WM	6	NE NW					
1 S	3 E	WM	6	NWNW					
1 S	3 E	WM	6	SW NW					
1 S	3 E	WM	6	SE NW					
1 S	3 E	WM	6	NE SW					

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MUNICIPAL									
Twp	Rng	Mer	Sec	Q-Q					
1 S	3 E	WM	6	NW SW					
1 S	3 E	WM	6	SW SW					
IS	3 E	WM	6	SE SW					
18	3 E	WM	6	NE SE					
1 S	3 E	WM	6	NW SE					
1 S	3 E	WM	6	SW SE					
1 S	3 E	WM	6	SE SE					
1 S	3 E	WM	7	NE NE					
1 S	3 E	WM	7	NW NE					
1 S	3 E	WM	7	SW NE					
1 S	3 E	WM	7	SE NE					
1 S	3 E	WM	8	NE NE					
1 S	3 E	WM.	8	NW NE					
1 S	3 E	WM	8	NE NW					
1 S	3 E	WM.	8	NW NW					
1 S	3 E	WM	8	SW NW					
1 S	3 E	WM	8	SE NW					

If for irrigation, this appropriation shall be limited to of one cubic foot per
second or its equivalent for each acre irrigated and shall further be limited to a diversion of not to exceed
acre feet per acre for each acre irrigated during the irrigation season of each year;

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

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

The works constructed shall include an air line and pressure gauge or an access port for measuring line, adequate to determine water level elevation in the well at all times.

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

Permit Amendment T-10554 Conditions

The quantity of water diverted at Wells 1 (Cascade 5), 2, 3, 4, 5, and 6 (Cascade 3) shall not exceed the quantity of water lawfully available at the original points of appropriation.

The combined quantity of water diverted at the proposed additional points of appropriation, Wells 7, 8, and Cascade 4, together with that diverted at Wells 1 (Cascade 5), 2, 3, 4, 5, and 6 (Cascade 3), shall not exceed the quantity of water lawfully available at the original points of appropriation.

Water shall be acquired from the same aquifer (Sand and Gravel Aquifer of the USGS) as the original points of appropriation.

Extension of Time Conditions

Interference Condition

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

Limited Water Level Decline/Interference Condition

To monitor the effect of water use from the well(s) authorized under this permit, the Department requires the water user to make and report annual static water level measurements. The static water level shall be measured in the month of March. Reports shall be submitted to the Department within 30 days of measurement.

Measurements must be made according to the following schedule:

Seven Consecutive Annual Measurements

Beginning in March 2012, the user shall submit seven consecutive annual reports of static water level measurements. Based on an analysis of the data collected, the Director may require that the user obtain and report additional annual static water level measurements beyond the seven year minimum reporting period. The additional measurements may be required in a different month. If the measurement requirement is stopped, the Director may restart it at any time.

All measurements shall be made by a certified water rights examiner, registered professional geologist, registration professional engineer, licensed well contractor or pump installer licensed by the Construction Contractors Board and be submitted to the Department on forms provided by the Department. The Department requires the individual performing the measurement to:

- A. Identify each well with its associated measurement; and
- B. Measure and report water levels to the nearest tenth of a foot as depth-towater below ground surface; and
- C. Specify the method used to obtain each well measurement; and
- D. Certify the accuracy of all measurements and calculations submitted to the Department.

If more than one well is involved, the water user may submit an alternative measurement and reporting plan for review and approval by the Department.

Well Location Condition

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

Development Limitations

Diversion of any water beyond 4.42 cfs under Permit G-16917 shall only be authorized upon issuance of a final order approving a Water Management and Conservation Plan (WMCP) under OAR Chapter 690, Division 86. The required WMCP shall be submitted to the Department within 3 years of an approved extension of time application. Use of water under Permit G-16917 must be consistent with this and subsequent WMCP's approved under OAR Chapter 690, Division 86 that is on file with the Department RECEIVED

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The deadline established by the Extension of Time Final Order for submittal of a WMCP shall not relieve a permit holder of any existing or future requirement for submittal of a WMCP at an earlier date as established through other orders of the Department. A WMCP submitted to meet the requirements of the Extension of Time Final Order may also meet the WMCP requirements of other Department orders.

Condition to Appropriate Water Only from Wells Having No Potential for Substantial Interference with Surface Water

The extension of time is conditioned to provide that the extended time to complete construction of the water system and to complete application of water to beneficial use under Permit G-16917 applies only to future development and use of water from Well 6 (MULT 70128) and specifically excludes further development and/or water use from the 5 wells determined by the Department on January 28, 2008, to have the potential for substantial interference with surface water. However, appropriation of water under Permit G-16917 may include use of water from wells authorized by the Department's approval of Permit Amendment T-10554, providing that any additional wells will not have the potential for substantial interference with surface water as determined by the Department under OAR Chapter 690 Division 9.

WITNESS my hand thisday of July, 2012.
Complete application of the water to the proposed use shall be made on or before October 1, 2047
thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 2047
Actual construction work shall begin on or before February 7, 1981 and shall
The priority date of this permit is December 21, 1977

Dwight French, Water Right Services Administrator, for PHILLIP C. WARD, DIRECTOR

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Attachment B

Application Map

Application for a Permit Amendment – Rockwood Water People's Utility District and City of Gresham

Ted Ressler

From:

STARNES Patrick K * WRD < Patrick.K.Starnes@oregon.gov>

Sent:

Tuesday, October 15, 2019 1:18 PM

To:

Ted Ressler

Subject:

RE: Map scale waiver for permit amendment

Hi Ted -

The Department has reviewed the permit amendment application map for Rockwood Water People's Utility District and will grant a map scale waiver for it. Please include a copy of this e-mail with the permit amendment application when it is submitted.

Sincerely,

Kelly

Kelly Starnes, Transfer Program Analyst Oregon Water Resources Department 725 Summer St NE Suite A Salem OR 97301-1271

Telephone: 503-986-0886

Fax: 503-986-0903

E-mail: patrick.k.starnes@oregon.gov

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

From: Ted Ressler < tressler@gsiws.com > Sent: Monday, October 14, 2019 5:10 PM

To: STARNES Patrick K * WRD <Patrick.K.Starnes@oregon.gov>
Cc: JARAMILLO Lisa J * WRD <Lisa.J.Jaramillo@oregon.gov>

Subject: Map scale waiver for permit amendment

Hi Kelly

We are preparing a permit amendment application involving a water use permit held by Rockwood Water People's Utility District, Permit G-16917. To allow a single map to be used to show the authorized place of use and the proposed additional POAs, we would like to use the scale of 1 in = 2800 ft. A draft of the map at the requested scale is attached. Please let me know if the attached map and the map scale used is acceptable to the Department for this particular application.

Thank you!

Ted

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Theodore R. Ressler RG, CWRE, PG

Hydrogeologist and Water Resources Consultant direct: 971.200.8509 | mobile: 503.701.4535

55 SW Yamhill St., Suite 300, Portland, OR 97204

GSI Water Solutions, Inc. | www.gsiws.com

Well 1 (Cascade 5) – MULT 98998 Well 6 (Cascade 3) - MULT 70128 Cascade 4 – MULT 72119

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Attachment D Well Logs

Application for a Permit Amendment – Rockwood Water People's Utility District and City of Gresham

MULT 989989 98

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

05-07-2009

AMENDED 5/13/6	100e
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WELL LABEL # L	89355		1
START CARD#	1005668		· · · · · · · ·

(1) LAND OWNER Owner Well I.D. L89355	(9) LOCATION OF WELL (legal descrip	otion)
First Name Last Name	County MULTNON Twp 1 N N/S RE	•
Company ROCKWOOD WATER PEOPLES UTILITY DISTRICT	Sec 29 SW 1/4 of the SE 1/4	
Address 19601 NE HALSEY ST	Tax Map Number	Lot
City PORTLAND State OR Zip 97230	Lat On "Or	DMS or DD
(2) TYPE OF WORK X New Well Deepening Conversion	Long ° 0 " or	DMS or DD
	Street address of well Nearest ad	
Alteration (repair/recondition) Abandonment		
(3) DRILL METHOD	1520 NE 192ND AVE, PORTLAND, OR 97230	
Rotary Air Rotary Mud Cable Auger Cable Mud	(10) COLLONO MALADON A PRIMA	
Reverse Rotary Other	(10) STATIC WATER LEVEL Date SW	L(psi) + SWL(ft)
(A) PROPOSED VISE Demostic Visionian WG	Existing Well / Predeepening	
(4) PROPOSED USE Domestic Irrigation Community	Completed Well 03-26-2009	192
Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry	Hole?
	WATER BEARING ZONES Depth water was	
(5) BORE HOLE CONSTRUCTION Special Standard Attach copy)	SWL Date From To Est Flow	SWL(psi) + SWL(ft)
Depth of Completed Well 734 ft.	03=10-2009 580 784 4,000.	- 1922
BORE HOLE SEAL sacks/		
Dia From To Material From To Amt Ibs		
54 0 29 Cement 0 29 266 S 29 29 576 Cement 29 576 760 S		
20 576 734		
	(11) WELL LOG Ground Elevation	
How was seal placed: Method A B XC D E	Material	From To
Other	Clay Brown	0 5
Backfill placed from 712 ft. to 734 ft. Material Pea Gravel	Gravel Large Gray	5 14
Filter pack from 562 ft. to 712 ft. Material Silica Sand Size 10/20	Clay & Sand Brown/Gray	14 35
Explosives used: Yes Type Amount	Gravel /Sand Some Clay Gray	35 80
	Clay /Sand Gray Gravel Cemented Gray	80 120
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	Gravel Gray/White/Brown	120 180 180 190
	Gravel Cemented Gray	190 215
	Gravel/Sand Gray	215 225
→ → → → → → → → → → → → → → → → → → →	Clay Brown	225 232
	Basalt Decomposed Brown/Gray	232 239
	Clay Gray	239 282
Shoe Inside Outside Other Location of shoe(s)	Clay Green/Gray Clay Stone Gray/Green	282 339
	Gravel Cemented Gray	339 378 378 410
Temp casing Yes Dia From To	Clay Gray	410 490
(7) PERFORATIONS/SCREENS	Gravel /Clay Gray	490 495
Perforations Method	Clay Gray	495 528
Screens Type Continuous wire Material 304 SS	Gravel/Clay Gray/Green	528 535
Perf/S Casing/Screen Scm/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	Date Started 11-10-2008 Completed	04-17-2009
creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification	
Spreen 16 563 573 .035	I certify that the work I performed on the construction	ion deanoning alternion or
Uiner 16 578 587	abandonment of this well is in compliance with	
Screen 16 587 (662035	construction standards. Materials used and informati	
Liner 16 662 672	the best of my knowledge and belief.	
(8) WELL TESTS: Minimum testing time is 1 hour	License Number 663 Date 05	5-06-2009
Pump	Password : (if filing electronically)	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	Signed	
4,000 120 502 48	(bonded) Water Well Constructor Certification	
	I accept responsibility for the construction, deepenin	g, alteration, or abandonment
	work performed on this well during the construction de	
Temperature BECET Mara Dysis Mes By Owner.	performed during this time is in compliance with	
Water quality concerns? Yes (describe below)	construction standards. This report is true to the best of	•
From MATS 1 5 2009 Description Amount Units	License Number 1523 Date 05-0	
LUAGE	Password : (if filing electronically) Signed	RECEIVED
WATER RESOURCES DEPT	Contact Info (optional)	·
SALEM, OREGON ORIGINAL - WATER RESOURCES D	·	OCT 2 1 2019

WATER SUPPLY WELL REPORT - continuation page

MULT 989988

05-07-2009

WELL I.D. # L 89355

AMENDED 5/13/2009

OWRD

START CARD # 1005668

			STRUCTION	0541				(10) STATIC						
B(Dia	ORE HOI	LE To	36 1.1	SEAL			sacks/	Water Bear	ing Zones					
Dia_	1710111		Material	From	10	Amt	ibs	SWL Date	From	To	Est Flow	SWL(psi)	+ s	WL(ft)
													\vdash	
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	FILTER			•										
F	rom	To Ma	terial Size	\neg							ļ <u>.</u>			
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					_			· (11) WELL !	LOG					
(6) CA	SING/I	INER							Material			From		То
Caci	ng Liner	Dia +	From To	Gauge	Stl Plstc	wid 1	Chrd	Clay Gray/Gree		. 1977		535		580
(Zast	ng Line	Dia 7	110111 10	Jaage				Gravel/Sand Gr				580		615
\succ	 			 	\bowtie	H	H	Sand Black/Gre				615		625
\succ	\rightarrow		 		$\times \times$	H	H	Sand Gravel Bl				625	—Ì—	631
\sim		 -	†		K K	H		Grave Cemented Sand Cemented				631	_	650 655
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(7) PE	RFOR	TIONS/	SCREENS											
Perf/S (Casing/ Sc	reen		m/slot	Slot #	of '	Tele/		_			<u>'</u>		
		ia Fr		idthl	ength s	lots pi	pe size	e				 		m · · ·
Screen		MG 6		035										
Screen	Liner		92 702 92 707 7	035				1						
		6 7		7				71					_ _	
			Course Section 1] 					$ \vdash$	
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<u>'—</u>		7 - 4 - 44						· L				<u> </u>		
(0) 33/	er rane	ete. M:	nimum testing	timo ic	1 hour									
•		OTO: MI												
Yield	gal/min	Drawdo	wn <u>Drill stem/I</u>	ump dept	h Dur	ation (h	<u>r)</u>	Comments/	Remarks					
-	_						-						_	
				-			┪	ල්ලාන් දින් ආවේත්වේගි	le drilled m	udirojany/sol	owater be	ningzones(Iscove	red fin
							_	upperhole(f	om(0° to 578					AND THE PERSON NAMED IN
]							
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Wa	ter Quali	ity Concer	rns											
Fro		<u>``</u>	Desprigning	AL E	Amoun	t Uniț	s				1			
			HEVE	18 V 5-m Ex								RE	CE	IVED
			77777	<u> </u>	- 	\rightarrow					.			
-			MAY_1	5 200	3	┥	\dashv					ሀ ሆ	T 9	2019
	. 		WATER RESO	וופרבפ	DEPT		\dashv					90		≖ <u>ም</u> ርያነለያ
	-	· ·	WATER RESU						_					

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

(WELL I.D.)# L 56125	
(START CARD) # 154597	

lnst	ructions (or com	oleting this	report	are on	the las	t page of this form.		(217141				
	WNER:		2112		V	Vell Nu	mber Cascade #3	(9) LOCATION (
	Rockwoo							County Multne					
	19601 N	NE Hais	sey St.					Township 1	N				WM.
	ortland			Stat	e OR		Zip 97230	Section 29				1/4	
	PE OF							Tax Lot 300		Block		ubdivision_	
				eration (repair/	recondi	tion) Abandonment	Street Address of	Well (or neares	t address) 196	OT NE HE	alsey St.	
	RILL MI					-1.004		Portland, OR					
	ary Air			[_]Cabl	lc	Au	ger	(10) STATIC WA	TER LEVEL	:			
	er Rever								below land sur			Date 4/12/0	13
	OPOSE			_				Artesian pressure		lb. per square	nch.	Date	
Don			-	🔲 lndu			Irrigation	(11) WATER BEA	ARING ZON	ES:			
The		lnje		Live			Other						
			ONSTRUC					Depth at which water	was first found	185"			
							ompleted Well 660 ft.						₁
Explosi	ives used	Yes Yes	No Ty	урс	···	/	Amount	From		To	Estimate	d Flow Rate	SWL
	HOLE			S	EAL			185	378	N/			185
Diamete	1	1	Mater		From	To	Sacks or pounds	447	665	35	00		
24"	0	15	Bent Chip		0	15	140 Sacks						
24"	15	125	Cement		125	388	386 Sacks					···	
20"	125	390	Cement		125	388	319 Sacks						
16"	390	665				<u> </u>		(12) WELL LOG					
How w	as seal pla	eced:	Method	□ A]B	Z C □D □E		ound Elevation				
□ o	ther												
Backfil	l placed fr	om 66	0 ft, to 9	665	ft.	. Mate	rial Pea Gravel	Ma	terial		From	To	SWL
Gravel	placed fro	m 43	9 ft. to	660	ft.	Size	of gravel 10x20	See Attached She	et on Origina	Log			
(6) CA	ASING/I	LINER										 	
• •	Diameter			Gauge	Steel	Plasti	ic Welded Threaded						
Casing:	16"	+2	450	.375	J		\mathbf{Z}	}				 	j
Casing											<u> </u>		
•								 				1	
											-	 	
Liner:	See				[]							 	
		d She	et Orig	Log		الما						 	
	cation of			LUG	Ц			 				-	
		` -	S/SCREEN	TC.				<u> </u>					
				12:				[RE	CEIV	En-	
	erforation		Method					 				 	
√ S	creens	Slo	Туре 304				aterial Stainless			ADD	162	nan -	
Front	To	, size	: Number		ieter	Tele/p size				AFI	102	UIZ.	
See	Attach	ed She	et Orig	Log		 	0			WATED	CARDA		
										WATERR	ESOURC	ES DEPT	•
	-						🗆 🗆			ONLE	M, ORE	GON	
	ļ <u></u>												
	<u> </u>							l L					
(8) WE	LL TES	STS: N	1inimum t	esting	time i	is 1 ho	ur	Date started 1/6/03		Complete	ed 6/12/0	13	
								(unbonded) Water W	ell Constructo				
$\mathbf{J}_{\mathbf{P}_{i}}$	ump	ΠI	Bailer		Air		Flowing Artesian	I certify that the wo				ation or aba	ndonment
	l gal/min		awdown		rill sten	n at	Time	of this well is in comp	liance with Ore	gon water supp	ly well con	ustruction st	andards.
	. 	Ţ <u>_</u>]			1 hr.	Materials used and inf and belief.	ormation report	ed above are tr	ue to the b	es of my kn	owledge
3100		62		 			48 hrs	and benef.		,	Langua	1523	
		 		 				Signed See Orig	no Henir		" "X	hber 1523 Date 626/	103
Tompes	ature of w	91ar 56	F	Danele	Λ et	n Flass	Found				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	TATE OF KOL	
•				Depth /			round	(bonded) Water Well		· · · · · · · · · · · · · · · · · · ·	· ·	$J_{p_{p}}$	<i>~</i> .
	ater analy			Yes By				I accept responsibil performed on this well	uty for the cous	truction, alteral	ion, or aba	intionment w	Self.
			ter not suital				Too little	performed during this	time is in comp	liance with Ore	egon Water	supply rela	
	/ Muc			Colore		_	Wood/Fine Sand	construction standards	. This report is	true to the best	t of my kno	brik eggsplwc	belief.
nebth o	f strata:	DIANK	Sections	see att	acnec	a ont		Soo Ori	ninal Loa		WWC Nur	mber 1464	
								Signed See Ori	gillai Lug			Date 6/26/	03
ORIGIN	VAL & F	TRST (OPY-WAT	CER RI	ESOU	RCES	DEPARTMENT SE	COND COPY-CONS	TRUCTOP	THIRD CO	PV_CTIST	COMED	

MULT 70128

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) Instructions for completing this report are o

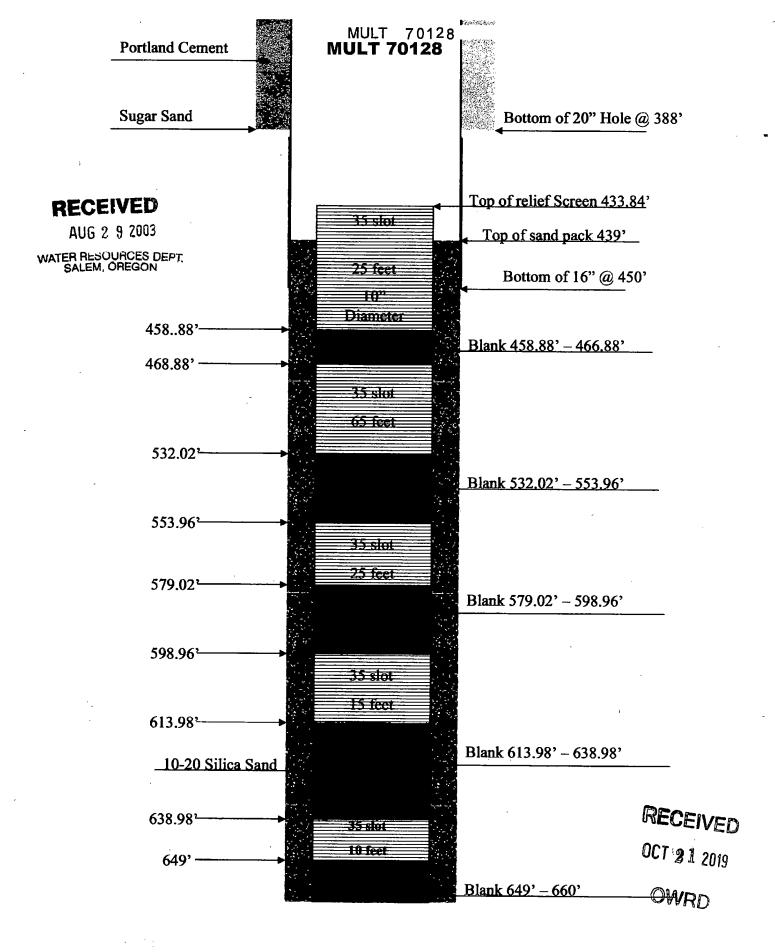
(WELL I.D.)# L_56125 (START CARD) # 454,555

11130	i denons	tot com	pieung um	tehore	are on	tite 145	t page of th	us iuria.					-			
(1) 0	WNER:				,	Well Nu	mber PW-	1	(9) LOCAT	ON OF	WELL by	legal des	eripti	on:		
Name	Rockwo	od Wat	er PUD						County 8	Multnoma	ah Latite	ıde :		Lon	gitude	
Addres	s 19601	NE Hal	sey St.						Township 1	1	N	Range	3		_E	WM.
City P	ortland			Sta	ite OR		Zij	97230	Section 29		SE	1/4	SE		1/4	
	YPE OF								Tax Lot 3		_ot				bdivision_	
				eration	(repair/	recondi	tion) 🔲 Al	andonment	I		ll (or neares	address)	19601	NE Ha	lsey St.	
• •	RILLM								Portland,		D 1 51:01					
	er Reve		ary Mud	Cat	ole	[] Au	ger	:	(10) STATIC					,-	4/49/0	2
Personal Control	ROPOSE								Artesian pr		ow land sur	lb. per squ	inna inal		Date <u>4/12/0</u> Date	<u> </u>
Dot			nmunity	lndi	ustrial	\Box	Irrigation		(11) WATER				rare mic	II. L.	/aic	
The		Inje	-	Liv		•	Other		(11)							
(5) B	ORE HO	DLE C	ONSTRU	CTIO	N:	=			Depth at which	water was	s first found	1857				
								:11 660 ft								
Explos	ives used	Yes	⊠ No 7	ype		A	mount		From			То	E	stimated	Flow Rate	SWL
	HOLE			5	EAL				185		378		N/A			185
Diamet	1		Mate	rial	From	To	Sacks or	boands	447		665	····	3500			
24"	0 125	125 390	Cement		125	125			1				1			
-20	123	290	Sand		388	388	 		 		 		-			
16"	390	665	34114		380	220					<u> </u>		1			
	as seal pla		Method	A		lB i	C [D TE	(12) WELL		l Elevation					
_	ther						- L	ı- Lı-		Giound	i Elevation .					
Backfil	l placed fi	rom 66	0 fl. to	665	ft.	Mater	rial Pes G	avel		Materia	ıl			From	То	SWL
	placed fro			660	ft.	Size o	of gravel 10)x20	See Attached	d Sheet						
(6) C	ASING/I		:										\perp			
	Diameter		1	Gauge		Plasti		Threaded					_			
Casing:	16"	+2	450	.375		닏										
									REC	EIV	FD-					
Liner:	See								AU(329	2003 -					
	Attache	She	et		١Ħ	H	Ä	H	WATER RE	SOUR	CES DE	35-				
	cation of								WATER RE	M, ORE	GON	7				
(7) PE	RFORA	TIONS	SCREE	NS:]							
	erforation		Method										_			
M S	creens	Slot	Туре <u>304</u>	<u> </u>		Ma Tele/pi	iterial <u>Sta</u>	inless		REC	EIVE	$:D \rightarrow$				
From See	Attach	size ed Sher	Numbe	r Dian	nefer	size	Casing	g Liner	 			{				
	-	-		 			_ 片	님	1	AllG (0 8 200	3				
	 			1												
							_ H		WAT		OURCES					
		\prod								SALEM,	OREGO	N .				
(8) WE	LLTES	TS: M	linimum	testing	time i	s 1 ho	ir		Date started 1/6	/03		Com	oleted	6/12/03		
5-A-				_				wing	(unbonded) Wa				٠,			
₽Pu	•		Bailer	_	Air		_	esian	I certify that	the work I	performed	on the cons	struction	n, alterat	tion, or aban	idonment
vicin	gal/min	שמ	andonn	<u></u>	rill sten	t at		Time	of this well is in Materials used a	d inform	on report	d above a	re true t	o the be	st of my kno	owledge
3500	3100	62		+			48 hrs	l hr.	and belief.	. H	1	//.	11731	/C M	1523	
				1					Signed #//	4/T	1	4	ww		her 1523 ate 6/26/0	33
Tempera	ture of w	ater 56	F	Depth	Artesia	n Flow 1	Found			Well Cor	structor C	ertification	 n:			
Was a w	ater analy	sis done	? 🔲	Yes By					I accept respo	onsibility f	or the const	ruction, alt	eration.	, or aban	donment w	ork
Did any	strata con	tain wat	er not suita	ble for i			Too		performed on thi performed during	is well dur	ing the cons	truction da	ites repo	orted abo	ove. All wo	rk
		_	Odor [•	_		Wood/Fin	e Sand	construction stan	dards. Th	is report is	rue to the	best of	my knov	vledge and l	oelief.
Depth of	strata:	Blank	Sections	See att	ached	Sht				12	معتنشت م	, 	ww		ber 1464	
· ·									Signed	1/67					Date 6/26/0	13
JRIGIN	IAL&F	IRST C	OPY-WA"	TER RI	ESOLU	RCES	DEPARTA	ARNT CE	COPY-CO	ONETDI	ICTOD	TUIDE	CODV	CHICTO	MACD	

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OCT 2 1 2019





MULT 70128 MULT 70128



Geo-Tech Explorations, Inc. 19700 SW Teton Tualatin, OR 97062 Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: Rockwood Water PUD Well PW-1		Start Date	Finish Date
Start Card #: 154595		1/6/2003	6/12/2003
Label #: 56125		SWL	
Material Description		From:	To:
Rock Fill		0	3
Silt, Brown		3	12
Cobbles and gravels		12	76
Cobbles, gravels, cemented	. 7	76	112
Gravels and sand		112	128
Silt, light brown		128	130
Sand stone, brown with pea gravel		130	134
Silty clay, brown		134	138
Sitty clay, gray		138	140
Clay silty sandstone, gray/green		140	145
Sandstone, gray		145	150
Clay silty, green/gray	,	150	161
Clay, green/brown		161	165
Siltstone, black		165	170
Sandstone, brown		170	203
Siltstone, black		203	211
Siltstone with pea gravel, brown		211	275
Cemented gravels		275	309
Silt, soft, tan w/ small gravels		309	
Sand, fine, packed, light gray		322	350
Silty sand, tan		350	
Gravels, cemented		360	
Silty clay, gray		378	
Sand, silty, green		381	385
Silt, Brown		385	
Silty clay, gray		387	400
Sand, fine, gray		400	
Clay, green		407	415
Silty sand, light brown		415	
Cemented gravels		447	463
Siltstone with sand, green/black		463	
Sandstone with gravels		465	
Cemented gravels, loose		505	
Sand, fine, gray		535	
Sand, coarse, green		555	
Sand, fine, gray		565	
Sand, fine with silt seams, some wood		575	
Silty sand w/ wood		615	
Sandy gravels		618	
Sand, fine, gray		620	
Sandy gravels w/ wood		627	
Gravels Cemented		638	
Sand, gray	RECEIVED	640	
Gravels with sand		648	
Sand, fine	AUG 0 8 2003	650	
Sand with wood		65;	660
Sand, some gravels	WATER RESOURCES DEFT	1 66	RECEISOS

OCT 21 2019

MULT 727201ANGENDED

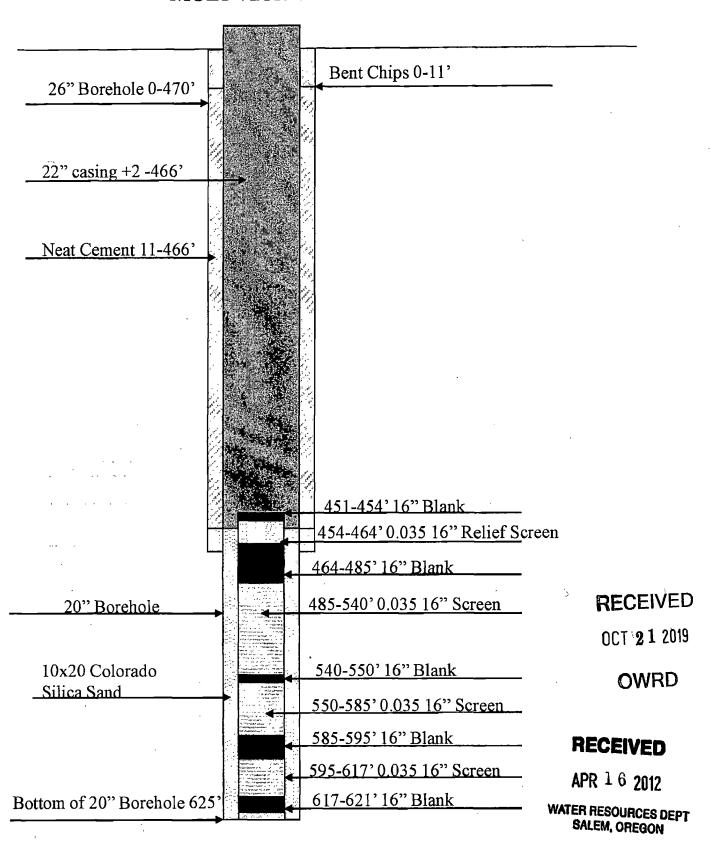
STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765)

(WELL I.D.)# L 68016	
(START CARD) # 160370	

Instru	ctions f	or comp	leting this r	eport ar	re on	the last	page of thi	s form.		(START C	:AKD) # _!			
(1) OW	NEŔ:				W	/ell Nur	nber Casc	ade # 4	(9) LOCATION OF	WELL by I	egal descr	iption:		
Name Ro	ckwaa	d Wate	r People's	Utility I	Distr	ict			County Multnoma	ah Latitu	de	Lor	gitude	
Address 1	9601 N	E Hals	ey St.						Township 1	<u>N</u>	Range 3		E	WM.
City Por	tland			State	OR		Zip	97230	Section 29	SE	1/4 S	<u>E</u>	1/4	
(2) TYP	E OF	WORK	[Tax Lot 300 1	.ot	Block	Sı	_noisivibdu	
			ing 🔲 Alter	ation (re	pair/r	econdit	tion) 🔲 Aba	ındonment	Street Address of Wel	l (or nearest	address) 19	9601 NE Ha	Isey St.	
(3) DRI									Portland, OR					
			ary Mud	Cable		[]]Aug	er		(10) STATIC WATE					
Other									196' ft. bel	ow land surfa	ace.	I	Date 12/29/	03
(4) PRC									Artesian pressure		b. per squar	e inch. I	Date	
Dome [stic	Con	nmunity [_			Irrigation		(11) WATER BEARI	NG ZONE	S:			
Therm				Livest			Other							
			DNSTRUC						Depth at which water was	s first found	138'		· ·-	
			roval 🔲 Yes						. ,					
Explosive	es used	Yes	No Typ	ре		A	mount		From		То	Estimated	Flow Rate	SWL
J	HOLE			SE.	AL				Mud Rotary and					
Diameter	1	1	Materi	1	rom	To.	Sacks or	•	Flooded Reverse					
26"	0	11	Bent Chip			11	18 Sacks		Circulation drilling	ļ			<u></u>	
26"	11	470	Cement	1	1	466	477 Sack	s	was used. Water					
20"	470	352							Bearing Zones unava	ilable.				
		J							(12) WELL LOG:					
How was	-		Method				_c _	D 🔲 E	1 ` '	l Elevation _				
☑ Oth	_{er} insi	de out	with Brade	n Head	<u>met</u>	hod								
Backfill p	olaced fr	om	ft. to	f	ft.	Mater	ial Silica S	and	Materia	11		From	To	SWL
Gravel pl	aced fro	m 45	3 ft. to 6	25 f	ft. ,	Size o	of gravel 10	x20	See Attached Sheet of	on Original	Log			
(6) CAS	SING/I	INER	:											
)iameter	Fro	m To C	Gauge S	teel	Plastic	c Welded	Threaded						
Casing: 2	2"	+2	466 .	375	V									
	ee	Atta	ch Dia	[
1	6"	451	454 .		I		J							•
1	6"	464	485 .		V		V	$\overline{\Box}$						
Liner: 1	6"	540	550 .		7	$\bar{\Box}$	J	Ē		_				
10	6"	617	621 .		7		1	Ē						
Final loca	tion of	shoe(s)				0323								
(7) PER	FORA	TIONS	SCREEN	S:										
Per	foration	s :	Method								DI	ECEIV	En	
. Ser	eens	,	Type 304			Ma	nerial Stai	nless				ECEIV		
From	То	Slot Size		Diame	ior	Tele/pi size		Liner						
	464	.035	Relief	16"		PS SIZE	Casing				-AP	K 1 0 2	012	
485	540	.035		16"	Ì	PS		Ē	,					
550	585	.035		16		PS					WATER	RESOURC	es dept	
595	617	.035		16"		PS					BA	LEM, ORE	BON	
See	Attach	Dia	1				<u> </u>							
(8) WEI	L TES	TS: N	linimum te	esting ti	ime i	s 1 hor	ur		Date started 9/8/03		Comple	eted 1/20/0	4	
. ,				-					(unbonded) Water Well	Constructor				
Pun	np	ΓŢΙ	Bailer	$\Box A$	Air		FIO An	wing esian	I certify that the work I				ition, or aba	ndonment
Yield g	-		awdown		 ill sten	n at	Ld	Time	of this well is in complian	ce with Oreg	on water su	pply well cor	struction st	andards.
								l hr.	Materials used and informand belief.	ation reporte	a above are	true to the be	est of my kn	owledge
4000		80					48 hrs			I 💃	_	WWC Num	ber 1523	
				<u> </u>			_		Signed See Origina	al Log	RFC	EN :		
Temperati	ire of w	ater 56	F	Depth A	rtesia	n Flow	Found		(bonded) Water Well Co		ertification			
•				es By w				<u>.</u>	I accept responsibility				ndonment u	ork
	• • •		ter not suitab	•		d use?	Too !	little	performed on this well du	ring the cons	truction date	s reported at	ove. All w	ork
			Odor [[Wood/Fin		performed during this time construction standards. T	e is in compl his report is t	rance with C	oregon water	supply well	helief
			Sections]			Some assisting delication 1.			WWC Nun	_	
Pear 1/4 /									Signed See Origina	al Log	₩ #	DAF.	Date	
ORIGINI	A [R, E	IRST	YORY WAT	TD DE	SOL	B CES	DEDARTA	ATINIT CL	COND COPY-CONSTR		THIPDO	OPY-CUST		
WIND THE	ot r	11 C	OF I-WAL	•	500	KODD	PUMIL	TELLI OI	COMD COL I-CONSTR	COLOR	ATIMD C	oi 1-0031	13	274

MULT 72119

As Built for Cascade Well No. 4 Rockwood Water PUD MULT 72119 AMENDED DIA



STATE OF OREGON (WELL I.D.)# L_68016 WATER SUPPLY WELL REPORT (as required by ORS 537.765) (START CARD) # 160370 Instructions for completing this report are on the last page of this form. Well Number Cascade # 4 (9) LOCATION OF WELL by legal description: (1) OWNER: Name Rockwood Water People's Utility District County Multnomah Latitude Longitude Address 19601 NE Halsey St. N Ε WM. Township 1 Range 3 City Portland State OR SE 1/4 SE 1/4 Zip 97230 Section 29 Tax Lot 300 Subdivision (2) TYPE OF WORK Block Lot Street Address of Well (or nearest address) 19601 NE Halsey St. New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD: Portland, OR (10) STATIC WATER LEVEL: Auger Other Reverse Circulation Date 12/29/03 ft. below land surface. (4) PROPOSED USE: Artesian pressure lb. per square inch. Date (11) WATER BEARING ZONES: ☐ Industrial □ Domestic Community ☐ Irrigation ☐ Thermal Livestock Other Injection (5) BORE HOLE CONSTRUCTION: Depth at which water was first found 138 Special Construction approval Yes No Depth of Completed Well 625 ft. SWL Estimated Flow Rate Explosives used Yes No Type Amount **Mud Rotary and** HOLE SEAL Flooded Reverse Diameter From To Material Sacks or pounds Circulation drilling 470 26" 0 470 Cement was used. Water 20" 470 625 Bearing Zones unava liable. (12) WELL LOG: Method A \square B **☑**C \square D ΠE How was seal placed: Ground Elevation ☐ Other SWL Backfill placed from ft. to ft. Material Silica Sand Material From Size of gravel 10x20 See Attached Sheet Gravel placed from 453 ft. to 625 ft. (6) CASING/LINER: Welded Threaded Diameter To Gauge Steel Plastic Casing: 22" 466 .375 +2 Ø П 20" 451 455 .375 Ø V 20" 465 485 .375 Ø V 20" 540 550 .375 Ø V Liner: 20° 617 .375 V Final location of shoe(s) (7) PERFORATIONS/SCREENS: Perforations Method Material Stainless Туре 304 Screens RECEIVED Tele/pipe size Diameter 465 16" 455 FEB 05 2004 PS 485 540 .035 16" PS 550 585 .035 16 OWR WATER RESOURCES DEPT 585 617 .035 16" PS SALEM, OREGON Completed 1/20/04 Date started 9/8/03 (8) WELL TESTS: Minimum testing time is 1 hour (unbonded) Water Well Constructor Certification: Flowing I certify that the work I performed on the construction, alteration, or abandonment of this well is in compliance with Oreson water supply well construction standards. Artesian Pump Bailer 🔛 Air Drill stem at Yield gal/min Drawdown Time hd information repo d above are true to the best of my knowledge l hr. and belief: 4000 48 hrs WWC Number 1523 Signed Temperature of water 56 F (bonded) Water Well Constructor Certification: Depth Artesian Flow Found Yes By whom I accept responsibility for the construction, alteration, or abandonment work Was a water analysis done? 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. Did any strata contain water not suitable for intended use? ☐ Too little Salty Muddy Odor Colored Other Wood/Fine Sand Depth of strata: Blank Sections Date 2 14 0" Signed THIRD COPY-CUSTOMER ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR

MULT 72119 MULT 72119



Geo-Tech Explorations, Inc. 19700 SW Teton Tualatin, OR 97062

Ph: (503) 692-6400, Fax: (503) 692-4759

Well Name: Cascade Well No. 4
Start Card #: 160370
Label #: L68016

Material Description	From:	To:
Topsoil with gravels	0	6
Gravels	6	120
Gravels with some cementation	120	138
Brown silt with gravels	138	178
Green silt with gravels	178	186
Green and brown silt with gravels	186	
Grey to green silt with some gravels	190	280
Brown silt with small gravels	205	208
Siltstone hard, grey	218	226
Grey siltstone med hard	226	265
Gravels, small to sand	265	287
Gravels, Hard	287	302
Gravels with some cementation	302	320
Gravels, Hard, Cemented	320	330
Gravels, Hard, loose	330	336
Gravels, hard with grey silt	336	361
Gravels with brown and grey silt	361	380
Gravels, hard with some cementation	380	386
Garvels, hard with grey silt	386	404
Silt, grey to green with gravels	404	416
Gravels, hard	416	420
Silt to clay, green	420	432
Brown silt	432	441
Gravels with brown silt	441	450
Sandy silt, brown	450	472
Gravels, Hard, Cemented	472	478
Brown clay	478	480
Black sand, cemented	480	502
Gravels, cemented	502	532
Gravels with loose sands	532	536
Sand and gravels	536	540
Grey sand with some gravels	540	544
Grey sand, fine	544	551
Dark grey sand, medium	551	600
Gravels, large with wood and sand	600	605
Sand and gravels	605	624
Wood	624	625

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WATER RESOURCES DEPT SALEM OREGON

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OCT 21 2019



October 16, 2019

Ms. Lisa Jaramillo Oregon Water Resources Department 725 Summer Street NE, Suite A Salem, OR 97301

RE:

Application for a Permit Amendment Permit G-16917 (Application G-8585)

Dear Lisa:

On behalf of the applicant, Rockwood Water People's Utility District (District), please find enclosed an Application for a Permit Amendment involving Permit G-16917. Please also find enclosed a check in the amount of \$1,570 for payment of the application filing fee.

If you have any questions regarding the enclosed application, you can reach me at 971-200-8509. Please copy me on any correspondence regarding this application.

Sincerely,

Theodore R. Ressler, RG, CWRE

GSI Water Solutions, Inc.

Enclosures: Application for a Permit Amendment

Check #21855 in the amount of \$1,570

CC: Brian Stahl – Rockwood Water People's Utility District

Mike Whiteley, PE – City of Gresham

DeEtta Fosbury, RG – GSI Water Solutions, Inc.

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OCT 21 2019

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