Application for Permit Amendment

OREGON
WATER RESOURCES
DEPARTMENT

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

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.

Received

	Check all items included with this application. (N/A =	Not Applicable)	JUL 25 2025
\boxtimes	Part 1 – Completed Minimum Requirements Cl	necklist.	OWRD
	Part 2 – Completed Application Map Checklist.		OWNE
\boxtimes	Part 3 – Application Fee, payable by check to the completed Fee Worksheet, page 3. The Application		artment, and
\boxtimes	Part 4 – Completed Applicant Information and	Signature.	
\boxtimes	Part 5 – Information about Permits to be Amer List the Permits here: G-18850 (Attachment A) Please include a separate Part 5 for each perm		amended: <u>1</u>
\boxtimes	Completed Permit Amendment Application Ma Water Right Examiner). (Attachment B)	p (Does not have to be prepare	d by a Certified
	N/A Request for Assignment Form and statutory fer completed if the applicant is not the permit had permit; or the landowner of the proposed place needs to be assigned to the permit (the Requestips://www.oregon.gov/OWRD/Forms/Pagestapplicant is the permit holder of record.	lder of record and needs to be a e of use is not the permit holde st for Assignment Form is availa	assigned to the r of record and ble online at
	N/A Affidavit(s) of Consent are required from all pe to the applicant or other permit holders of rec		
	N/A Oregon Water Resources Department's Land U (or signed land use form receipt stub) from each diverted, conveyed, and/or used. Not required only on federal lands or if all of the following a structural changes, c) the use of water is for irr irrigation district or an exclusive farm use zone	th local land use authority in whif water is to be diverted, convergely: a) a change in place of use igation only, and d) the use is lo	ich water is to be eyed, and/or used only, b) no
\boxtimes	N/A Water Well Report/Well Log for changes in point(s) of appropriation. (Attachment D)	nt(s) of appropriation (well(s)) o	or additional
	N/A Geologist Report for a change from a surface w appropriation (well), if the proposed well is mo more than 1000 feet upstream or downstream	re than 500 feet from the surface	ce water source and
	(For Staff Us	**	
	Land Use Form not enclosed or incomplete Additional signature(s) required Other/Explanation	Map not included or incomplete Part is incomplete	
	Staff:503	/Date://	

JUL 25 2025

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 <u>not</u> have to be prepared by a Certified Water Right Examiner. Check all boxes that apply.

	⊠ 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 $8\% \times 11$ inches, $8\% \times 14$ 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 inch = 400 feet, 1 inch = 1,320 feet, 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 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.
		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.
\boxtimes	□ 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°).

Part 3 of 5 - Fee Worksheet

	FEE WORKSHEET for PERMIT AMENDMENT		
1	Base Fee (includes one type of change to one permit for up to 1 cfs)	1	\$1,360
	Types of change proposed:		
	Place of Use Point of Diversion/Appropriation		
	Number of above boxes checked = 1 (2a)		
	Subtract 1 from the number in line $2a = 0$ (2b) If only one change, this will be 0		
2	Multiply line 2b by \$1090 and enter » » » » » » » » » » » » » » » » » » »	2	0
	Number of permits included in Permit Amendment 1 (3a)		
	Subtract 1 from the number in 3a: 0 (3b) If only one permit this will be 0		
3	Multiply line 3b by \$610 and enter » » » » » » » » » » » » » » » » » » »	3	0
	Do you propose to add or change a well, or change from a surface water POD to a well?		
	\square No: enter 0 \boxtimes Yes: enter \$480 for the 1 st well to be added or changed $$480$ (4a)		
	Do you propose to add or change additional wells?		
	No: enter 0 Yes: multiply the number of additional wells by \$410 \$820 (4b)		
4	Add line 4a to line 4b and enter » » » » » » » » » » » » » » » »	4	\$1,300
	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 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) and multiply 5c		
5	by \$350, then enter on line 5 » » » » » » » » » » » » » » » » » »	5	0
6	Add entries on lines 1 through 5 above » » » » » » » » » Subtotal:	6	\$2,660
	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:	-	\$2,660



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Part 4 of 5 – Applicant Information and Signature

Applicant Information*		OWRD		
APPLICANT/BUSINESS NAME Rockwood Water People's Utili	ity District. A7	TTN: Kari Duncan	PHONE NO. 503-665-4179	ADDITIONAL CONTACT NO.
ADDRESS 19601 NE Halsey BLVD		The state of the s		FAX NO.
CITY	STATE	ZIP	E-MAIL	
Portland	OR	97030	kduncan@rwpud.o	rg
BY PROVIDING AN E-MAIL ADDR	RESS, CONSENT	IS GIVEN TO RECEIV	E ALL CORRESPONDENCE	E FROM THE DEPARTMENT
ELECTRONICALLY. COPIES OF TH	E FINAL ORDE	R DOCUMENTS WILL	ALSO BE MAILED.	
Applicant Information*				
APPLICANT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
City of Gresham: ATTN: Mike V	Vhiteley		503-618-2314	
ADDRESS				FAX NO.
1333 NW Eastman Parkway		1		
CITY	STATE	ZIP	E-MAIL	0
Gresham	OR	97030	MIKE.WHITELEY@GRE	
BY PROVIDING AN E-MAIL ADDR				E FROM THE DEPARTMENT
ELECTRONICALLY. COPIES OF TH	E FINAL ORDE	R DOCUMENTS WILL	ALSO BE MAILED.	
8850.	zemey Biberio	ic and enty or even	namare the water i	ights holders of record for permit
Igent Information – The ag	gent is autho	rized to represent	the applicant in all m	atters relating to this application.
AGENT/BUSINESS NAME			PHONE NO.	ADDITIONAL CONTACT NO.
GSI Water Solutions, Inc. ATTN	: Zach Pike-U	rlacher	541-753-0933	
ADDRESS				FAX NO.
650 NE Holladay Street		1	T	
CITY	OR	ZIP	E-MAIL	
Portland		97232	zpikeurlacher@gsiv	
BY PROVIDING AN E-MAIL ADDR ELECTRONICALLY. COPIES OF TH				E FROM THE DEPARTMENT
Explain in your own words v	what you pro	nose to accompli	ch with this narmit a	mendment: and why:
		•		ion (Cascade 6A, Cascade 6B
		ee additional po	onits of appropriati	ion (Cascade oA, Cascade ob
and Cascade 10) to Permi	t G-18850.			
f you need additional space, co	ontinue on a	separate piece of pa	aper and attach to the	application as "Attachment 1".
Check this box if this proj	ect is fully or	partially funded b	by the American Reco	very and Reinvestment Act. (Feder
Is the applicant the permit h	older of reco	ord? ⊠ Yes □ No	0	
If NO, include either:	0.00			
		h		
to the applicant(s), OF		n required statuto	ory assignment fee), a	ssigning all or a portion of the perr
An affidavit of consen permit.	t from the pe	ermit holder(s) of r	ecord that gives pern	nission for the applicant to amend
Has the Completion ("C") Da	te of the ner	mit(s) in this annli	ication expired?	Yes 🕅 No
the completion (c / Da	to or the per	(3) iii tina appii	Cation expired:	. C3 K7 110

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

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

• 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.

Kari Duncan Digitally signed by Kari Duncan Date: 2025.07.02 15:09:35 -07'00'

Kari Duncan
Print Name (and Title if applicable)

Mike Whiteley

<u>July 1, 2025</u>

Applicant Signature

Digitally signed by Mike Whiteley

DN: G-US,

DN: C=US,

and Title if applicable)

July 23, 2025

Applicant Signature Print Name (and

Print Name (and Title if applicable)

JUL 2.5 2025 OWRD

	The applicant is responsible for comple continue to be sent to the applicant.	tion of change(s). Notices and	d correspondence should								
[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 propose by an irrigation or other water district.	d for amendment are or will	be located within or served								
IRRIGA N/A	ATION DISTRICT NAME	ADDRESS									
CITY		STATE	ZIP								
	Check here if water for any of the permit contract for stored water with a federal a	A. 15	vice agreement or other								
ENTITY N/A	YNAME	ADDRESS									
CITY		STATE	ZIP								



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

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

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Part 5 of 5 – Water Use Permit Information

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PERMIT # G-18850

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.)

POD/POA Name or Number	Is this POD/POA Authorized by the permit or is it Proposed?	If POA, OWRD Well Log ID# (or Well ID Tag # L)	Tw	/p	Rng		Sec	1/4	1/4	Tax Lot, DLC or Gov't Lot	Measured Distances (from a recognized survey corner)	
Well 1 (Cascade 5)		MULT 98998	1	N	3	Е	29	SW	SE	1400	255 feet North and 2640 feet East from the SW corner of Section 29	
Well 2		-	1	N	3	Е	31	NE	NW	2300	400 feet South and 2100 feet West from the NE corner of Section 31	
Well 3		MULT 142639	1	S	3	Е	3	NW	NW	800	425 feet South and 490 feet East from the NW corner of Section 3	
Well 4		-	1	N	3	Е	32	NW	SE	1500	2220 feet North and 1780 feet West from the SE corner of Section 32	
Well 5		-	1	N	3	Е	33	NE	SE	1201	2200 feet North and 500 feet West from the SE corner of Section 32	
Well 6 (Cascade 3)		MULT 70128	1	N	3	Е	29	SE	SE	104	465 feet North and 1040 feet West from the SE corner of Section 29	
Well 7		-	1	S	3	Е	9	SW	NW	8100	1500 feet South and 900 feet East from the NW corner of Section 9	
Well 8 (Cascade 8)		MULT 136609	1	N	2	Е	35	NE	SE	4700	2170 feet North and 485 feet West from the SE corner of Section 35	
Cascade 4		MULT 72119	1	N	3	Е	29	SW	SE	104	415 feet North and 1520 feet West from the SE corner of Section 29	
Cascade 7		MULT 136199	1	N	3	Е	33	SW	NW	1000	3340 feet North and 215 feet East from the SW corner of Section 33	
Well 9 (Cascade 9)		MULT 136598	1	N	3	Е	32	NW	NW	5400	1085 feet South and 1170 feet East from the NW corner of Section 32	
Well 10		-	1	S	3	Е	8	NE	SW	601	3565 feet South and 2275 feet East from the NW corner of Section 8	
Cascade 6A	☐ Authorized ☐ Proposed		1	S	3	Е	3	NW	NW	800	360 feet South and 590 feet East from the NW corner of Section 3	
Cascade 6B	☐ Authorized ☐ Proposed	MULT 122597	1	S	3	Е	3	NW	NW	800	380 feet South and 590 feet East from the NW corner of Section 3	
Cascade 10	☐ Authorized ☐ Proposed	-	1	S	3	Е	4	SE	NE	100	Located 1445 feet South and 1230 feet West from the NE corner of Section 4	

Check all	type(s) of change	e(s) proposed below (d	hange	"CODES" are provided in parentheses):
	Place of Use (POL	J)		Point of Appropriation/Well (POA)
	Point of Diversion	(POD)	\boxtimes	Additional Point of Appropriation (APOA)
	Additional Point o	of Diversion (APOD)		Surface water POD to Ground Water POA (SW/GW)
Will all o	f the proposed ch	anges affect the entire	e water	use permit?
⊠ Y		nly the proposed ("to" ted above to describe		section of Table 2 on the next page. Use the bosed changes.
□ N	o Complete a	ll of Table 2 to describe	the po	rtion of the permit to be changed.
For a change in	n place of use: N/	A		
Does the perm ☐ Yes ☐ No	nit holder of recor	d own or control the l	and TO	which the place of use is being moved?
as a permit h		y submitting a comple		s being moved must be assigned to the permit uest for Assignment form and the required
Is the propose	d place of use cor	ntiguous to the author	ized pla	ace of use? Yes No
unless the ch	nange to non-cont	iguous lands is in furth	erance sitive, tl	are contiguous to the authorized place of use of mitigation or conservation efforts undertaken areatened, or endangered under ORS 496.171 to



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

Table 2. Description of Changes to Water Use Permit # G-18850

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.

			ing	tha	t app	ears	on the	certif NGES		ands) ORE PROPO t will be cha		Proposed Changes (see			Th	ie l	listin			ld ap		"on" lands) R PROPOSED CHANG	iES
Tw	p	Rn	ng	Sec	1/4	1%	Tax Lot	55 KC 2 32 MEDIES 42 N	Acres (if applicable)	POD(s) or POA(s) (name or number from Table 1)	Priority Date	Changes (see "CODES" from previous page)	Twp	Rn	g S	ec	1/4	1/4	Tax Lot	Gvt Lot or DLC	Acres (if applicable)	POD(s) or POA(s) to be used (from Table 1)	Priority Date
												EXAMI	PLE										
2	s	9	E	15	NE	NW	100		15.0	POD #1 POD #2		POU/POD	2	S 9	E 1	15	NW	NW	100	1	10.0	POD #5	
"	"	"	"	"	"	"	"	"	EXAMPLE	"		"	2	S 9	E 1	15	sw	NW	200		5.0	POD #6	
																	See A	Attach	ment	В		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 (Cascade 9), Well 10, Cascade 6A, Cascade 6B, Cascade 10	12/21/1977
						ТОТ	AL ACR	ES			•							TOTA	L ACR	ES			

Additional remarks: The Applicant is proposing to add three additional points of appropriation (Cascade 6A, Cascade 6B and Cascade 10) to Permit G-18850.



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Are there other water rights certificates, water use permits or ground water registrations associated with

Permit # G-18850

the "from" or "to" lands? Yes No N/A – Permit G-16917 is for municipal use, so water 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. (See Attachment D)
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

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	Vell 2 No -		~1000ft	24in	+1-800	Through TSA into CU2 (if present)	800-1000	~250	Sand and Gravel Aquifer	-
Well 4	No	-	~1000ft	24in	+1-750	Through TSA into CU2 (if present)	750-1000	~230	Sand and Gravel Aquifer	-
Well 5	No	-	~1000ft	24in	+1-690	Through TSA into CU2 (if present)	690-1000	~300	Sand and Gravel Aquifer	-

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 7	No	-	~1800ft	24in	+1-1300	Through TSA into CU2 (if present)	1300- 1800	~300	Sand and Gravel Aquifer	-
Well 10	No	-	~1800ft	24in	+1-1420	Through TSA into CU2 (if present)	1420- 1800	~310	Sand and Gravel Aquifer	-
Cascade 6A	No (in process)		970ft	24in	+2-770	0-770ft	770-850; 870-920; 940-960	~345	Sand and Gravel Aquifer	
Cascade 10	No (in process)	-	989ft	24in	+1-785	0-785ft	803-843; 873-984	~320	Sand and Gravel Aquifer	-

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JUL 2 5 2025

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Attachment A

Permit G-18850

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

STATE OF OREGON

COUNTY OF MULTNOMAH

PERMIT TO APPROPRIATE THE PUBLIC WATERS

THIS PERMIT IS HEREBY ISSUED TO

ROCKWOOD WATER PEOPLES UTILITY DISTRICT ATTN BRIAN STAHL 19601 NE HALSEY BLVD PORTLAND, OR 97230

CITY OF GRESHAM ATTN MIKE WHITELEY 1333 NW EASTMAN PARKWAY GRESHAM, OR 97030 Received
JUL 2 5 2025

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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-13274 and approved by Special Order Vol. 129, Page , entered SEP 2 7 2023 an extension of time for complete application of water approved April 10, 2012, an assignment to a new permittee approved July 8, 2005, a partial assignment approved May 31, 2012, and a Permit Amendment T-10554 approved on July 10, 2012 by Special Order Vol. 88, Page 58. This permit supersedes Permit G-16917.

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:

APPLICATION FILE NUMBER: G-8585

SOURCE OF WATER: TWELVE WELLS

PURPOSE OR USE: MUNICIPAL

MAXIMUM RATE: 53.5 CUBIC FEET PER SECOND MEASURED AT THE POINT OF DIVERSION FROM THE WELL OR SOURCE OF APPROPRIATION, OR ITS EQUIVALENT IN CASE OF ROTATION WITH OTHER WATER USERS.

DATE OF PRIORITY: DECEMBER 21, 1977

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

Application G-8585/T-13274.shp

Water Resources Department

Permit G-18850

					and the second s
Twp	Rng	Mer	Sec	Q-Q	Measured Distances
1 N	3 E	WM	31	NE NW	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 - 2220 FEET NORTH AND 1780 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
1 N	2 E	WM	35	NE SE	WELL 8 (CASCADE 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
1 N	3 E	WM	33	SW NW	CASCADE 7 - 3340 FEET NORTH AND 215 FEET EAST FROM THE SW CORNER OF SECTION 33
1 N	3 E	WM	32	NW NW	WELL 9 - 1085 FEET SOUTH AND 1170 FEET EAST FROM THE NW CORNER OF SECTION 32
1 S	3 E	WM	8	NE SW	WELL 10 - 3565 FEET SOUTH AND 2275 FEET EAST FROM THE NW CORNER OF SECTION 8

THE AUTHORIZED PLACE OF USE IS LOCATED AS FOLLOWS:

4.000	MUI	VICIPAL		
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
1 N	2 E	WM	25	SE SW
1 N	2 E	WM	25	NE SE
1 N	2 E	WM	25	NW SE
1 N	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
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15	3 E	WM	8	NW NW
15	3 E	WM	8	SW NW
15	3 E	WM	8	SE NW

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

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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-13274 Conditions:

The quantity of water diverted at the new point of appropriation (Well 4) shall not exceed the quantity of water lawfully available at the original point of appropriation (Well 4).

The combined quantity of water diverted at the new additional points of appropriation (Cascade 7, Cascade 9, and Well 10), together with that diverted at the original points of appropriation, shall not exceed the quantity of water lawfully available at the original points of appropriation (Well 1 (Cascade 5), Wells 2, 3, 4, and 5, Well 6 (Cascade 3).

Water use measurement conditions:

- a. Before water use may begin under this order, the water user shall install a totalizing flow meter, or, with prior approval of the Director, another suitable measuring device, at each point of appropriation (new and existing).
- b. The water user shall maintain the meters or measuring devices in good working order.
- c. The water user shall allow the Watermaster access to the meters or measuring devices; provided however, where the meters or measuring devices are located within a private structure, the Watermaster shall request access upon reasonable notice. Water shall be acquired from the same aquifer as the original points of appropriation.

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) Received original points of appropriation.

JUL 2 5 2025

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

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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-to-water 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.

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.

Actual construction work shall begin on or before February 7, 1981 and shall thereafter be prosecuted with reasonable diligence and be completed on or before October 1, 2047. Complete application of the water to the proposed use shall be made on or before October 1, 2047.

SEP 2 7 2023

Issued

Lisa J. Jaramillo, Transfer and Conservation Section Manager

DOUGLAS E. WOODCOCK, Acting Director

Oregon Water Resources Department

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Attachment C

Land Use Information Form

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

Land Use Information Form



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

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NOTE TO APPLICANTS

OWRD

In order for your application to be processed by the Oregon Water Resources Department (OWRD), this Land Use Information Form must be completed by a local government planning official in the jurisdiction(s) where your water right will be diverted, conveyed, used, and developed. The planning official may choose to complete the form while you wait or return the "Receipt Acknowledging Request for Land Use Information" to you. Applications received by OWRD without the Land Use Information Form, or the signed receipt, will be returned to you. **IMPORTANT:** Please note that while OWRD can accept a signed receipt as part of intake for an application for a new permit to use or store water, a completed Land Use Information Form is required for OWRD's acceptance of all other applications. Please be aware that your application cannot be approved without land use approval.

This form is NOT required if:

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

NOTE TO LOCAL GOVERNMENTS

The person presenting the attached Land Use Information Form is applying for a new water right or modifying an existing water right. The Oregon Water Resources Department (OWRD) requires applicants to obtain land use information to ensure the water right does not result in land uses that are incompatible with your comprehensive plan. Please complete the form and return it to the applicant for inclusion in their application. **NOTE:** For new water right applications only, if you are unable to complete this form while the applicant waits, you may complete the "Receipt Acknowledging Request for Land Use Information" and return it to the applicant.

You will receive notice via OWRD's weekly Public Notice once the applicant formally submits their request to OWRD. The notice will give more information about OWRD's water right process and provide additional comment opportunities. If you previously only completed the receipt for an application for a new permit to use or store water, you will have 30 days from the Public Notice date to complete the Land Use Information Form and return it to OWRD. Your attention to this request for information is greatly appreciated. If you have questions concerning this form, please contact OWRD's Customer Service Group at 503-986-0900 or WRD_DL_customerservice@water.oregon.gov.

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Last Revised: 10/2023

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Land Use Information Form OWRD

OREGON



Oregon Water Resources Department

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

NAME									HONE	
			tility District,	ATTN: Ka	ri Duncan			50	03-665-4179	
1	ADDRESS E Halsey I									
CITY	D maioty .	32 12		STATE	ZIP	EMAIL				
Portland				OR	97030		n@rwpud.org	ζ		
NAME City of G	resham: A	TTN: Mike	e Whiteley					1	HONE 03-618-2314	
	ADDRESS									
1333 NW	/ Eastman	Parkway								
CITY				STATE	ZIP	EMAIL				
Gresham				OR	97030	MIKE.W	HITELEY@GRESH	HAMOREG	ON.GOV	
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City of G										
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Permi	it to Use or	Store Wat	_	er Right Tra					Water Registra	ation Modification
Limite	ed Water U	se License	Exch	ange of W	ater	Allocati	on of Conserve	d Water		
Source of	water:	Reservo	oir/Pond	Ground	Water	Surfac	e Water (name)		
Estimated	quantity o	of water n	eeded: <u>53.5</u>		Cubic fee	t per seco	ond gallo	ons per m	inute	acre-feet
Intended u	ise of wate	er:	Irrigation	Com	mercial	□Ind	ustrial	Dome	stic for	_ household(s)
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The App	licant is p	roposing	, to add thre	e additio	mai wells (cascade	6A, Cascade	ob and	cascade 10	i) to water

Note to applicant: For new water right applications only, if the Land Use Information Form cannot be completed while you wait, please have a local government representative sign the receipt on the bottom of page 4 and include it with the application filed with the Oregon Water Resources Department.

See Page 4 ->

right Permit G-18850.

For Local Government Use Only

JUL 25 2025

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

Please check the appropriate box below and provide the requested information

Land uses to be served by the proposed regulated by your comprehensive plan. (water use(s), including proposed construction Cite applicable ordinance section(s):	on, are allowed	outright or are not
approvals as listed in the table below. (P	water use(s), including proposed construction lease attach documentation of applicable la /land-use decision and accompanying finding ave not ended, check "Being Pursued."	nd-use approv	als which have
Type of Land-Use Approval Needed (e.g., plan amendments, rezones, conditional-use permits, etc.)	Cite Most Significant, Applicable Plan Policies & Ordinance Section References	Land-	Use Approval:
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
		☐ Obtained ☐ Denied	☐ Being Pursued ☐ Not Being Pursued
	pecial land use concerns or make recommen osed use of water in the box below or on a so		Oregon Water
Name: Michael Whiteley	Title: Wate	er Depart	mont Directo
Signature:	Date:	25	
Governmental Entity: City of C	Phone: 503	-618-23	314
Receipt Ackno	owledging Request for Land Use Info	ormation	The specific section of
this form while the applicant waits, you may have 30 days from the date of OWRD's Publi Oregon Water Resources Department. Pleas	ne applicant. For new water right applications complete this receipt and return it to the applic Notice of the application to submit the complete note while OWRD can accept a signed receipmpleted Land Use Information Form is require	licant. If you sig pleted Land Use ot as part of inta	n the receipt, you will Information Form to ake for an application
Staff Name:	Title:		
Staff Signature:	Date:		
Governmental Entity:	Phone:		

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OWRD

Attachment D

Well Logs

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

MULT 989989 98

AMENDED

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

05-07-2009

WELL LABEL # L 89355 START CARD # 1005668

First Name	(1) LAND OWNER Owner Well I.D. L89355	(9) LOCATION OF WELL (legal descrip	tion)
Company ROCKWOOD WATER FEOPLES STITLITY DISTRICT	First Name Last Name		
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City POP WORK New Well Despensing Conversion Abandomneral Abandomnera		Tax Map Number	ot
Comparison Com		Lat ° 0 ' "or	DMS or DD
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A PROPOSED USE		(10) STATIC WATER LEVEL Date SW	I (nsi) + SWI(ft)
Completed Well Double Do			21.2(1)
Completed Depth of Completed Well 734 n.	(4) PROPOSED USE Domestic Irrigation Community		192
Sylic Bore Hole Construction Special Standard Attach copy	Industrial/ Commercial Livestock Dewatering	Flowing Artesian? Dry	Hole?
SALEM Performations Secial Sundard Attach copy	Thermal Injection Other	WATER REARING ZONES Depth water was	first found
Depth of Completed Well 734 ft.	(5) RORE HOLE CONSTRUCTION Special Standard Attach copy		The second secon
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the best of my knowledge and belief. License Number 663 Date 05-06-2009 Password: (if filing electronically) Signed Temperature BECT that analysis X Yes By Owner Water quality concerns? Yes (describe below) From MAY 1 5 2009 Description WATER RESOURCES DEPT The best of my knowledge and belief. License Number 663 Date 05-06-2009 Password: (if filing electronically) Signed (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. License Number 1523 Date 05-06-2009 Password: (if filing electronically) Signed Contact Info (optional)			
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Water quality concerns? From MAP 1 5 2009 Description Amount Units License Number 1523 Password: (if filing electronically) Signed Contact Info (optional) Date 05-06-2009 Received	DECEMED E		
From MAY 1 5 2009 Description Amount Units WATER RESOURCES DEPT SALEM, OREGON License Number 1523 Date 05-06-2009 Password : (if filing electronically) Signed Contact Info (optional)			
WATER RESOURCES DEPT SALEM, OREGON Password: (If filing electronically) Signed Contact Info (optional) NUL 2 5 2025	Water quality concerns? Yes (describe below)		
WATER RESOURCES DEPT SALEM, OREGON Password: (If filing electronically) Signed Contact Info (optional) NUL 2 5 2025	MAY 1 5 2009 Description Amount Units		
SALEM, OREGON Contact Info (optional) HII 2 5 2025		,	Received
SALEM, OREGON III 75 AUG	WATER RESOURCES DEPT		
	SALEM, OREGON		JUL 7 5 2025

WATER SUPPLY WELL REPORT - continuation page

MULT 989988

05-07-2009

WELL I.D. # L 89355

S/13/2009

START CARD # 1005668

BORE			ONSTRUCTIO Material		AL	To Am	sacks/	(10) STATION Water Bea			L		
			Material					SWL Date	From	To	Est Flow	SWL(psi)	+ SWL(
				_		_	-						
			-				-						
	-		-				+						
			·		-	_	-						
			-		+		+						
											-		
	TER F		C:-										
From	T	0 1	Material Size										
-	-	_											
								(11) WELL	LOC				
CASIN	NG/LI	NER						(11) WELL	Material			From	То
Casing Li	iner	Dia	+ From To	Gauge	StI F	lste Wld	Thrd	Clay Gray/Gre	en			535	580
7	7		10	7		∇		Gravel/Sand G				580	615
\rightarrow	4		H	_	1	HK	H	Sand Black/Gr	een			615	625
X	4			-	12	HK	H	Sand Gravel B				625	631
X	4			-	12	HK	\vdash	Grave Cemente				631	650
X	-			-	12	H		Sand Cemented	d Gray/Green	1		650	655
X	4			_	12	\forall	H	Sand Gray				655	720
2					12	\forall		Sand Brown So	me Wood			720	734
Q	\rightarrow				12	H							
Q S	4				1 Q								_
O												-	
												-	
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DEDE	00.40	DY O B	COORDEENC									+	
			S/SCREENS										_
S Casin	_			Scm/slot	Slot	# of	Tele/						
Liner	The residence in column 2 is not a local division in column 2 is n		From To	width	length	slots	pipe size				-		
en	10	_	672 692	.035		-							
Liner	_	_	692 702	000		+							
en	10		702 707 707 712	.035	7								
Liner	10	0	101 112			+							
	+	-			-	+							
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+	-	-				+							100
					O'M					name of the		A CONTRACTOR OF THE PARTY OF TH	
								1					
									1.			1	
WELI	TES	TS: N	Minimum testii	ng time i	s 1 hou	ır							
ield gal/n	min	Drawe	down Drill ste	m/Pump de	epth	Duration ((hr)	Comments	Remarks				
								Upper boreh	ole drilled m	ud rotary se	no water bea	ring zones d	iscovered in
						\$ 100		upper hole fi	om 0' to 578				
Water (Quality	Con	perns							Rece	fved		
		Cone			Α	ount Ur	nite						
From	To		Despripti	on /	Am	Ount Of	iits			UL 25	2025		
	+	-	13 los 6	Man a and					,	7.1	LULJ		
	-			1 5 70	ng	-							
	-	-	MAY.	10 4	103					OW	30		
			YAM	1 5 20	109					OW	RD		

Amended 2/26/2025 STATE OF OREGON		MIILT	142639	WELL I.D. LABEL# L	143597	Page 1 of 3	
WATER SUPPLY WELI	REPORT	142037		START CARD #	1057726		
(as required by ORS 537.545	& 537.765 and OAR 690-205-0210)	1/14/	2025	ORIGINAL LOG #			
LAND OWNER	Owner Well I.D. 6						
t Name	Last Name		(9) LOCATION OF WELL (legal description)				
anany DOCKWOOD WATEL	DEODIES LITH ITV DISTRICT		` '	, 0	. ,		

) LAND OWNER	7 33 7 3 43 CC .		Vell I.D. 6										
							(9) LOCATION OF WELL (legal description)						
Company ROCKWOOD		_		ISTRIC	Т								
Address 19601 NE HAI													
City PORTLAND		state OR	2	Zip 9723	0		Sec 3 NW 1/4 of the NW 1/4 Tax Lot 800						
TYPE OF WORK	(x	New Well	Deepe	ning		ersion	Tax Map Number Lot Lat ° ' " or 45.51816400 DMS or						
	Alteration (c		& 10)	Abandon	iment(co	mplete 5a)							
a) PRE-ALTERAT	ION												
Dia +		o Gai	uge Stl	Plstc	Wld Th	rd	Street address of well Nearest address						
Casing:							22514 SE STARK ST, GRESHAM OR 97030						
Material	From	То	Amt sa	cks/lbs									
Seal:							(40) CTATIC WATER LEVEL						
DRILL METHO	D						(10) STATIC WATER LEVEL						
Rotary Air 🗶		X Cable	Auger	Cabl	le Mud		Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration						
X Reverse Rotary	Other _						Completed Well 12/17/2024 330						
DDODOCED UCI	, Dp.	omestic	Irrigation	V Com	amunita.		Flowing Artesian? Dry Hole?						
PROPOSED USE					mnumity								
Industrial/ Comm		vestock	Dewatern	ng			WATER BEARING ZONES Depth water was first found 23.00						
ThermalInje	ction O	her				_	SWL Date From To Est Flow SWL(psi) + SWL(ft						
BORE HOLE CO	NSTRUC	TION	Speci	ial Standa	rd X	Attach copy	7) 12/17/2024 760 965 2750 330						
Depth of Complete			-	di Sidirad		ttuch copy	7) 12/17/2024 760 965 2750 330						
BORE HOL				EAL		sacks							
Dia From		Material			To	Amt lbs							
36 0	18 Cen		0		70	634 S	1						
30 18	91			Calcu		624	<u> </u>						
28 91	775]						
20 775	985			Calcu	lated		Ground Elevation 337.70 FT						
al placement method:	□ A X B	C D	ПЕ По	ther			Material From To						
ackfill placed from _					CA SAND		Topsoil 0 4						
lter pack from							Cobbles, boulders, and gravel 4						
		11. IV				ze <u>8x16</u>	Gravel, 3" minus, sand coarse 7 1						
xplosives used:	Type _			nount _			Gravel, some clay, brown 16 3						
eal Placement Begin Da	$\frac{12/2}{2}$	022	Begin	Time 11	1]0	00	Clay, brown, with some gravel 38 5.						
ABANDONME	NT USING	UNHY	DRATE	D BEN	TONI	TE	Gravel, 3" minus, with clay, brown 53 5						
Proposed Amount			tual Amou				Cobbles with gravel, some clay, brown 56 66						
CASING/LINER							Clay, brown, medium, with some gravel 3" minus 66 8						
CASING/LINER			Mat.			Shoe	Gravel, cemented, with clay, brown, silty 86 9						
C/L Dia + F	rom To	Gauge	Type	Wld Th	rd Shoe	e Location	Sand, grey, multi colored, fine to coarse 91 10						
C 24 X	3 770	0.375	ST	×			Gravel, 3/4" minus, some sand, fine to medium 102 13						
C 30	0 91	0.375	ST	×			Gravel 1-1/2" minus w/ some sand, cementation 130 41						
L 20	741 744	0.375	ST	\times			Sand, grey, medium to coarse, some gravel 1" minus 415 47						
L 16	744 761	0.375	ST	X			Claystone, tan, medium, sandy 472 48						
	851 871		\neg	X			Gravel and sand, 1"- some cementation layers 483 51						
							Sandstone, tan, medium to firm, some grey med/hard 513 52						
Temp casing Yes	Dia 20	From+	770		To 958		Gravel, 1" minus, layers of cementation 523 62						
PERFORATION	S/SCREE	NS				_	Clay, tan and green, /s layers of grey, med, sandy 623 69						
Perforat	ions Method						Clay, layer of green, brown, grey and blue, medium 697 76						
	Type V-Sh		wrap Ma	aterial 30	4SS		Begin Date 8/4/2022 Begin Time 10 00 End Date 12/18/202						
Perf/ Casing/ Screen			Scrn/slot	Slot	# of	Tele/							
Screen Liner Dia		То	width	length	slots								
Screen Liner 16	761	851	50			Pipe Size							
Screen Liner 16		921	50		+	Pipe Size	71						
Screen Liner 16	941	961	50		_	Pipe Size							
					-		the best of my knowledge and belief.						
							License Number 1927 Date 1/9/2025						
WELL TESTS: M	linimum te	sting time	is 1 hour	r			0: 1						
				rill Stem/	Dura	tion	Signed RYAN SMITH (E-filed)						
Type of Test	Yiel	-	down Pu				(bonded) Water Well Constructor Certification						
	(gal/m 2750												
Pump	2/30	- 2	50	740	48	-	I accept responsibility for the construction, deepening, alteration, or abandon						
		-			+		work performed on this well during the construction dates reported above. All performed during this time is in compliance with Oregon water supply						
							construction standards. This report is true to the best of my knowledge and be						
Temperature 61	oF Lab and	-		-									
Water quality concern		s (describe	below) TD	S amount	t 198	ppm Units	License Number 1988 Date 1/14/2025						
From To	,	Descri	puon	A	mount	Omes	Signed ERIC SCHNEIDER (E-filed)						
	fr		ate and the second										
12	1						Drilling Company: Schneider Water Services						
							1 111 7						

MULT 142639

1/14/2025

WELL I.D. LABEL# L	143597
START CARD #	1057726
ORIGINAL LOG #	

(2a) PRE	C-AL	FERA	TION						Water Q	nality	Concer	ns				
Dia				Gauss	Stl Dlet	c Wala T	Thrd		From	To	Contell		ription	Amo	unt	Units
	+	From	To	Gauge	ou rist	c Wld T				10		Desc	puon			
	-				Q		_			 	_			_		
	-				$Q \sim$	4	_			<u> </u>						
					\cup					1		-				
Mate	erial		From	To	Amt sacl	cs/lbs										
				1	T											
									(10) STA	TIC	WATEI	DIEVE	ī			
														OM4 (- ')		CHIT (0)
(5) BORI	Е НО	LE C	ONSTR	UCTIO	V				SWL Da	ie j	From	То	Est Flow	SWL(psi)	, ,	SWL(ft)
			0110110	CCITO					l			-	_		Н	
	RE HC From	To				AL		sacks	Ί ├──			-	+-+		H	
Dia	PIOIII	10	N	Material	Fro	m 1	Γo An	nt lbs		_		-			H	
					T	T						-			H	
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						Calcula	ated			_						
									(1.1)		\C					
						Calcula	ated		(11) WE	LL LC						
I	FILTE	R PAC	K								Mate				om	То
	rom	To		Material	Siz	ze			Sand, grey,						760	773
									Gravel with						773	813
									Sand, grey,						313	820
									Gravel, 3" r		ne sand, gr	rey, fine		_	320	830
									Sand, grey,					_	330	838
6) CASI	NG/L	INER							Sand, grey,						338	846
					Mat.				Clay, grey,						346	847
C/L Dia	ia .	+ Fro	Т.	Coura	T	WIA Th	rd Shoe	Shoe Location	Gravel, 3" r					_	347	848
		_						Location			_	no oroval			348	853
L 16		92		_	_	X	┥├──		Sand, grey, Clay with se			ne gravei			353 369	869
L 16	-	96	1 97	1 0.37	5 ST	X	┦├──		Sand, grey,						370	872
-		+-	_	_	+ $+$ $+$	$H \vdash$	┨├──			-		edium to coa	rse		372	879
	\dashv	+-	_	_	-	$H \vdash$	+					ey, soft, some			379	883
-	\dashv	+		_	-	$H \vdash$			Sand, some		,,,	,,,		_	383	886
		+-		_	-	$H \vdash$			sand, mediu		nted				386	887
-	\dashv	+	-		-	$H \vdash$			Clay, grey,	medium				8	387	889
-	\dashv	+-	_	_	-	$H \vdash$	+		Sand, grey,	medium	to coarse, s	some mica		8	389	910
									Gravel, 3/4	minus wi	th sand, gr	ey, lenses of	clay	9	910	914
									Sand, grey,	medium-	fine, some	gravel and n	nika	9	914	937
									Gravel, blac	k and gre	een			9	937	941
7) PERF	FORA	TION	S/SCRI	EENS					Sand, black	medium	, some mic	a			941	953
Df/ C-	:/	C			0 /1 .	G1 .	H - C	T-1-/	Gravel, som						953	958
Perf/ Ca Screen Lir	_	Dia	Г	То	Scrn/slot	Slot	# of	Tele/ Pipe size	Clay, green	grey, stic	ky			9	958	985
Screen Lii	lici	Dia	From	То	width	length	slots	ripe size	վ ├							
									1							
									1							+
									1							-
									Name of pe	, ,		sted with co	nstruction and		cense	# / Helper
									1	Assista	nt Name		Type			#
									JEREME	BLACK	WELL	H	ELPER WATER	2	88	888981
									CRISTO	DEL RIC)	H	ELPER WATER	2	88	888980
									DARREN	GONZ	ALES	H	ELPER WATER	2		888979
									TYLER J			HI	ELPER WATER	2	_	888953
(8) WEI	LL TI	ESTS:	Minim	ım testir	ıg time i	s 1 hou	r		ANDREV	PETR	Œ	HI	ELPER WATER	2	88	888908
(0) 11 L1		LOID.		ann testin	_	Stem/	Duration		Comme	nte/Do	marke					
Type	e of Tes	at	Yield (gal/min)	Drawdo	own Pump		(hr)					4	a battar			
Турс	01 103		gai/min)		- Tuni	Depui	(111)	7			_	te welded o	n bottom.			
								1	-16" has J							
								1					n top of 16" line	er assembly	y. Ove	rlaps top
													ch assembly.	1.5		
1000									1	rehole d	rilled wit	h flooded r	everse circulation	on, no stati	ics we	re
15 7 14						4			available.		1		P	-0 4	-	

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

MULT 142639

Received

JUL 25 2025

1/14/2025

Map of Hole OWRD

STATE OF OREGON WELL LOCATION MAP

This map is supplemental to the WATER SUPPLY WELL REPORT

Oregon Water Resources Department

725 Summer St NE, Salem OR 97301 (503)986-0900



LOCATION OF WELL

Latitude: 45.51816400 Datum: WGS84

Longitude: -122.43221925

Township/Range/Section/Quarter-Quarter Section:

WM1.00S3.00E3NWNW

Address of Well:

22514 SE STARK ST, GRESHAM OR 97030

Well Label: 143597

Printed: January 9, 2025

DISCLAIMER: This map is intended to represent the approximate location the well. It is not intended to be construed as survey accurate in any manner.

Provided by well constructor



MULT MULT AND THE PERSON NAMED IN COLUMN NAMED

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

(WELL I.D.)# L 5612	25
(START CARD) # 15	54597

Instru	etions f	or comp	pleting this r	report ar	re on	the last	t page of th	is form.		(511111)				
(1) OW	NER:				W	eli Nu	mber Case	cade #3	(9) LOCATION	OF WELL by	legal desc	ription:		
Name Re		d Wate	er PUD						, ,	nomah Latitu	0	•	gitude	
Address									Township 1	N	Range 3	-	E	WM.
City Por			,	State	OR		Zir	97230	Section 29	SE	1/4 \$		1/4	
(2) TYI		WORK	7						Tax Lot 300	Lot	Block		bdivision	
New				ration (re	enair/r	econdit	tion) Ah	andonment		of Well (or nearest			_	
(3) DR					punn		1011)	and omnor.	Portland, OR	,				
Rotar				Cable		Aug	ier		(10) STATIC W					
Other				Cable			501		. ,	ft. below land surf		D	ate 4/12/0	3
(4) PR(4.15						Artesian pressur		lb. per squa		ate	
Dome				Indust	rial		lrrigation		(11) WATER BI	The same of the sa				
Therm		Inje	, _	Livest			Other		(11)					
the same of the sa		Land of	ONSTRUC	.come#			O LITOT		Depth at which wat	er was first found	185"			
			roval Yes			of Co	mpleted We	el) 660 ft	, .					
			No Ty						From		To	Estimated	Flow Rate	SWL
	HOLE	100	, i.o 1)	SE					185	378		N/A		185
Diameter		To	Materi		'rom	To	Sacks or	nounds	447	665		3500		
24"	0	15	Bent Chip	1		15	140 Sack	•	And a filter of the pages of the second and the first of the pages of the second and the second					
24"	15	125	Cement	1		388	386 Sack							
20"	125	390	Cement	1	25	388	319 Saci	(S						
16"	390	665							(12) WELL LO	C.				
How was	s seal pla	ced:	Method	ПА		В	Z C □	D E	` '	G: Ground Elevation				
	ner						-			nound Dievation				
Backfill		om 66	0 ft. to 6	665 f	ft.	Mater	ial Pea G	ravel	N	Material		From	То	SWL
Gravel p	•	- Am			ñ.	Size o	of gravel 10	0x20	See Attached Sh	neet on Original	Log			
(6) CA												0		
-	Diameter			Gauge St	teel	Plastic	c Welded	Threaded				Rece	ved	
Casing: 1		+2	1 1		1		\sqrt					1111		
Casing												JUL 25	2025	
_														
												OWF	30	
Liner: S	iee											0.11		
A	ttache	She	et Orig	Log										
Final loc	ation of	shoe(s)						_						
	_		S/SCREEN	IS:							D	ECEN		-
Per	rforation	S	Method								- n	ECEIV	ED	
✓ Sc	reens		Type 304			Ma	aterial Sta	inless			A P	10		
From	To	Slo	t	Diame	ter	Tele/pi		g Liner			AF	PR 162	012	
See	Attach			Log		3122				, and the state of		- 1	1	
											WATER	RESOURC	ES DEPT	
			~								SA	LEM, OREC	ON	
			1											
												1	1.24	
(8) WE	LL TES	STS: N	Ainimum t	esting ti	ime i	s 1 ho	ur		Date started 1/6/03	}	Comp	leted 6/12/03	3	
							Fl	owing	(unbonded) Water	Well Constructor	r Certificati	ion:		
P u	mp		Bailer	A	Air			tesian		work I performed				
Yield	gal/min	Di	rawdown	Dri	ill sten	ı at		Time	of this well is in con Materials used and i					
								l hr.	and belief.				ar or my Kil	
3100		62					48 hrs					WWC Num		
					***************************************				Signed See Or	riginal Log		D	Date 6/26/	03
Temperat	ture of w	ater 56	F	Depth A	rtesia	n Flow	Found		(bonded) Water We	ell Constructor C	ertification	:		
Was a wa	iter analy	sis don	e? 📋 Y	Yes By w	vhom				I accept responsi	bility for the const	truction, alte	eration, or abar	idonment w	ork .
Did any s	strata con	ntain wa	ter not suitab	ole for int				little	performed on this w performed during th	veil during the con-	struction dat	tes reported ab	ove. All we supply well	ork
Salty	Mu	ddy [Odor	Colored	V	Other	Wood/Fi	ne Sand	construction standar	rds. This report is	true to the b	est of my kno	wledge and	belief.
Depth of	strata:	Blank	Sections S	See atta	chec	Sht			2 2	and and an extra		WWC Num	ber 1464	
									Signed See O	riginal Log			Date 6/26/	03

MULT 70128 A 4 5 1250

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

(WELL I.D.)# L 50	6125
(START CARD) #	154597

Instr	uctions fe	or comp	leting this r	eport are or	the las	t page of this form.		(5)				
(1) OV	VNER:				Well Nu	mber Cascade #3	(9) LOCATIO	ON OF WEI	L by legal de	scription:		
	Rockwoo	d Wate	r PUD				County M	ultnomah	Latitude		Longitude	
	19601 N						Township 1	N	Range	3	Ε	WM.
City Po			-,	State OF		Zip 97230	Section 29		E 1/4	SE	1/4	
	PE OF	WODK					Tax Lot 30		Block		Subdivisio	on
				ration (renair	/recondi	ition) [Abandonment			nearest address)		Halsey St	
	RILL ME			ation (repair	71 COOIIG	idon) realidonnen	Portland,		,			
	ry Air			Cable	Au	gar	(10) STATIC		EVEL:			
	ry Air er Rever			Cable	L	Bei	185'	ft. below la			Date 4/1	2/03
	OPOSE						Artesian pres	_		uare inch.	Date	
. ,				□ la diretai d		lrrigation	(11) WATER			dare men.	Date	
Don		-	,	Industrial			(II) WATER	DEARING.	ZOITES.			
The		becomed a	ONSTRUC	Livestock		Other	Depth at which	water was first	found 185"			
					th of C	ompleted Well 660 ft.	, ,	water was illat	Tourid 100			
									То	Ection	nated Flow R	Rate SWL
Explosi		res	No Ty		/	Amount	185	378		N/A	lated Flow N	185
	HOLE	_		SEAL	_			665		3500		100
Diamete	L	To	Materi Bont Chin	1	1	Sacks or pounds	447	000		3300		
24"	0	15	Bent Chip		15	140 Sacks			The second section of the second seco			
24"	15	125	Cement	125	388	386 Sacks						
20"	125	390	Cement	125	388	319 Sacks						
16"	390	665					(12) WELL I	.OG:				
How w	as seal pla	iced:	Method	A	В	$\mathbf{Z}_{C} \Box D \Box E$		Ground Elev	vation			
□ o	ther											
	l placed fr			65 ft.	Mate	rial Pea Gravel		Material		Fro	m To	SWL
Gravel	placed fro	m 439	9 ft. to 6	60 ft.	Size	of gravel 10x20	See Attached	Sheet on Or	riginal Log			
(6) CA	ASING/I	INER	:									
	Diameter	Fro	m To	Gauge Steel	Plast	ic Welded Threaded						
Casing:	16"	+2	450	.375				D	Panalana			
Cubing.								1.46	eceived			
,								11.11				
								JUL	2 5 2025	4		
Liner:	See											
	Attached	Shee	et Orig	Loa	[]				WRD	• 1		
4	cation of											
_		- ' -	SSCREEN	(C.							•••	
	erforation		Method	ю.						RECE	IVED	+
-	creens		Type 304			aterial Stainless						
VS		Slo	t 304		Tele/p					APR 1 (2012	
From See	Attach	size	Number		size					" 11	ZU17.	
366	Attach	Susnee	et Ong	Log					WATE	R RESOL	JRCES DE	
				 						SALEM, O	MOES UE	PI
				-							II COOM	
					-							
	L											
								processing to \$100, gar materials are not or the same				
(8) WE	ELL TES	STS: M	linimum to	esting time	is 1 ho	our	Date started 1/6	/03	Соп	npleted 6/1	2/03	
						Flowing	(unbonded) Wa	ter Well Cons	tructor Certific	ation:		
√ Pı	итр	F	Bailer	Air		Artesian			ormed on the co			
Yield	l gal/min	Dr	awdown	Drill st	em at	Time	of this well is in Materials used an					
	_					1 hr.	and belief.	nd intormation	reported above	are true to t	ie desi of my	y knowledge
3100		62				48 hrs				WWC	Number 15	23
							Signed See	Original I	-oa		Date 6/	
Temper	ature of w	ater 56	F	Depth Artes	an Flow	Found	(bonded) Water			on:		
-	vater analy			es By who							ahandonma	nt work
			ter not suitab			Too little	performed on thi		e construction, a he construction			
Salty		-				Wood/Fine Sand	performed during	g this time is in	compliance wit	th Oregon w	ater supply v	well
		-	Sections S				construction stan	uatus. Illis fe	port is true to th			
Depth o	sirata:	Sialik	Jechons 3	oc anache	u ont		Signed See	Original	Log	wwc	Number 14	
							Signed OCC	Julian	_09		Date 6/	20/03

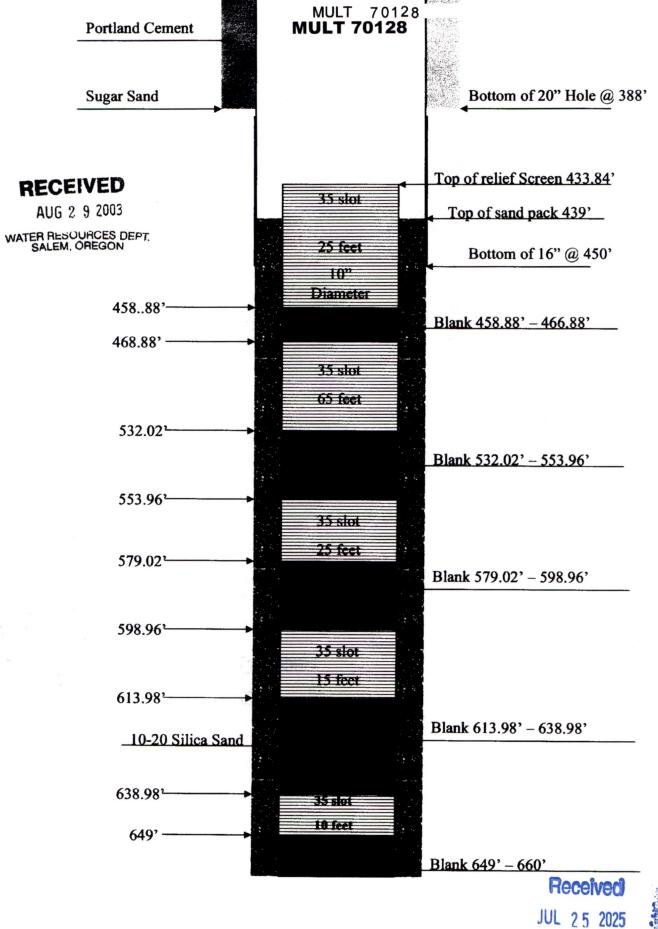
STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765)

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

(WELL I.D.)# L 56125

(
(START CARD) # 464555	14-44
(STAKI CARD) # 44466	

(1) 0	WNER:				V	Vell Nur	nber PW-1		(9) LOCATION	OF WELL by	legal des	cription:		
Name	Rockwo	od Wat	er PUD						County Mult	nomah Latite	ide :	Loc	ngitude	
Addres	s 19601	NE Hal	sey St.						Township 1	N	Range	3	E	WM.
City P	ortland			State	OR		Zip S	7230	Section 29	SE	1/4	SE	1/4	
(2) T	YPE OF	WOR	K			2			Tax Lot 300	Lot	Block		ubdivision	
Nev	w Well	Deeper	ning Alte	ration (re	epair/r	recondit	ion) [Abar	donment		of Well (or nearest			_	
	RILL M				-				Portland, OR	·		***********		
Rot	ary Air	Rot	ary Mud	Cable		Aug	er		(10) STATIC W	ATER LEVEL	:			
Oth	er Reve	rse Circ	culation					:	185'	ft. below land sur	face		Date 4/12/0	3
(4) PF	ROPOSE	ED USE	C:						Artesian pressur		lb. per squa		Date	
Dot	mestic	Co	nmunity	Indust	trial		rrigation		(11) WATER BE		<u> </u>			
The	rmal	Inje	-	Livest		-	Other		()					
(5) B	ORE HO		ONSTRUC						Depth at which water	er was first found	185"			
Special	Construc	tion app	roval Ye	s No	Dept	n of Con	npleted Well	660 ft						
			No Ty			Aı			From		Estimated	Flow Rate	SWL	
	HOLE		٠ ،	-	AL				185	378	То	N/A		185
Diamete		То	Mater		rom	To	Sacks or pe	onnde	447	665		3500		-
24"	0	125	Cement	lo		125	oncas er pr		11	1-2-				-
20"	125	390	Cement		25	388								1
			Sand		88	390			11 ,					
16"	390	665		-				-						
How w	as seal pla	1	Method	ΠA		R E	7 C □D	ПЕ	(12) WELL LOC					
		iccu.	Memod	□^		ь	JC []D		G	round Elevation				
	ther	om 66	0 ft. to 6	865 6	ì.	Materi	al Pea Grav	, al		laterial		Esam	T	SWL
	placed fro			-	t. 1 .				See Attached Sh			From	То	SWL
-	ASING/I		-	,		Size of	gravel 10x		See Attached Sil	901				
(0) C	Diameter			C 6		DI	W-14-4	T						
_		+2	1 1	Gauge St		Plastic	_	Threaded					-	
Casing:			450											
2									RECE	IVFN				
									IILON					
			-						AUG 2	9 2003				
	See		-										-	
	Attache	_	et						WATER RESC	URCES DEF	7		Rec	
_	cation of		un on man						SALEM,	OREGON				
			SCREEN	S:									UL 21	5 2025
	erforation	7-9	Method							- A = 11 / F			- 4	1 2023
S	creens	Slo	Туре 304			Mat Tele/pip	erial Stain	less	I RE	CEIVE	\cdot D $+$		-	
From	To	size	Number	Diamet	ler i	size	Casing	Liner				_	OW	RD
See	Attach	ea Sne	et	-						JG 0 8 200	3			
									AL	0 0 200	J i		-	
	-	-		-	_		🗆		WATER	OCOMIONES.	rice.			
		-					_ 🗆			RESOURCES LEM, OREGO				
	L			l						, 511240				
(8) WE	ELL TES	TS: M	linimum te	esting ti	me is	s 1 hou	r		Date started 1/6/03		Comp	leted 6/12/0	3	
							Flow	ing	(unbonded) Water V	Well Constructor	Certificat	ion:		
Pu	ımp		Bailer	A	ir		Artes		I certify that the v					
Yield	gal/min	Dr	awdown	Dri	ll stem	at	тт	ime	of this well is in com Materials used and in					
								hr.	and belief.	1	-		on or my and	o ii leage
3500	3100	62					48 hrs		1//1	#	//	WWC Num	ber 1523	
Sign								Signed 700	11 17	8		Date 6/26/	03	
Temperature of water 56 F Depth Artesian Flow Found								(bonded) Water We	ll Constructor C	ertification	:			
Was a water analysis done? Yes By whom								I accept responsib						
Did any	strata con	tain wat	er not suitab	le for inte	ended	use?	Too litt	le	performed on this we performed during this	ell during the cons	truction da	Oregon water	ove. All wo	ork
Salty	per								construction standard					
Depth of	Depth of strata: Blank Sections See attached Sht									can de		WWC Num		
		5 2							Signed	16/19	4		Date 6/26/0	03
ORIGIN	IAL & F	IRST C	OPY-WAT	ER RES	SOUF	RCES I	DEPARTME	NT SE		TRUCTOR	THIRD	OPY-CUST		



- L J 2020

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 Descrip	tion	From:	To:
Rock Fill		0	
Silt, Brown		3	1.
Cobbles and gravels		12	7
Cobbles, gravels, cemented		76	11
Gravels and sand	Total Control of the	112	12
Silt, light brown		128	13
Sand stone, brown with pea gravel		130	13
Silty clay, brown		134	13
Sitty clay, gray		138	14
Clay silty sandstone, gray/green		140	14
Sandstone, gray		145	15
Clay silty, green/gray	,	150	16
Clay, green/brown		161	16
Siltstone, black		165	17
Sandstone, brown		170	20
Siltstone, black		203	21
Siltstone with pea gravel, brown		211	27
Cemented gravels		275	30
Silt, soft, tan w/ small gravels		309	32
Sand, fine, packed, light gray		322	35
Silty sand, tan		350	36
Gravels, cemented		360	37
Silty clay, gray		378	38
Sand, silty, green		381	38
Sand, sity, green		385	38
		387	40
Silty clay, gray		400	40
Sand, fine, gray		407	41
Clay, green Silty sand, light brown		415	44
Cemented gravels	Received	447	46
Siltstone with sand, green/black	VIOCEIVEU	463	46
Sandstone with gravels	JUL 25 2025	465	
	302 7 3 2023	505	
Cemented gravels, loose	(A) 1 mm	535	
Sand, fine, gray	OWRD	555	
Sand, coarse, green		565	
Sand, fine, gray		575	
Sand, fine with silt seams, some wood		615	
Silty sand w/ wood		618	
Sandy gravels		620	
Sand, fine, gray		627	
Sandy gravels w/ wood		638	
Gravels Cemented	RECEIVED	640	
Sand, gray	· IL VEIVED	648	
Gravels with sand	NUC -	650	
Sand, fine	AUG 0 8 2003	653	
Sand with wood	WATER	660	
Sand, some gravels	WATER RESOURCES DEFT	1 000	1 00

STATE OF OREGON

MULT 136609

WELL	I.D.	LABEL#

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

VELL I.D. LABEL# L	138848
START CARD #	1045834
ORIGINAL LOG#	

(1) LAND OWNER Owner Well I.D. Cascade 8		
First Name Last Name	(9) LOCATION OF WELL (legal description)	
Company Rockwood Water PUD	County MULTNOMAH Twp 1 N/S Range 2 E E/W WM	
Address 19601 NE HAlsey ST. City Portland State OR Zip 97320	Sec <u>35 NE</u> 1/4 of the <u>SE</u> 1/4 Tax Lot <u>4700</u>	
	Tax Map Number Lot	
(2) TYPE OF WORK New Well Deepening Conversion Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat o ' " or DMS or DD	
(2a) PRE-ALTERATION	Long or DMS or DD	
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address	
Casing:	311 NE 141st Ave Portland, OR 97320	
Material From To Amt sacks/lbs	,	
Seal:	(10) STATIC WATER LEVEL	
(3) DRILL METHOD Rotary Air Rotary Mud X Cable X Auger Cable Mud	Date SWL(psi) + SWL(ft)	
	Existing Well / Pre-Alteration	
Reverse Rotary Other	Completed Well 03-30-2021 327	
(4) PROPOSED USE Domestic Irrigation X Community	Flowing Artesian? Dry Hole?	
Industrial/Commericial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 50	
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)	
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)		
Depth of Completed Well 1,200 ft.	03-30-2021 1,125 1,200 1,000 327	
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs		
48 0 57 Cement 0 57 451 S		
Calculated 360		
28 57 1,000 Cement 0 1,000 8,705 Gallon	(11) WELL LOC	
20 1,000 1,200 Calculated 8,536	(11) WELL LOG Ground Elevation 325	
How was seal placed: Method A B C D E	Material From To	
Other	See Attached Formation Log 0 1,200	
Backfill placed from ft. to ft. Material		
Filter pack from986 ft. to1,200_ ft. Material _Silica Sand Size _10-20	RECEIVED	
Explosives used: Yes Type Amount	RECEIVED	
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		
Proposed Amount Pounds Actual Amount Pounds	MAY 24 2021	
7,0000,7111,0010	IIIA I ET EVE	
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd		
	OWRD	
● C 24 🗙 3 354 375 ● C 🗙		
● 30 □ 0 58 .375 □ </td <td></td>		
985 990 .375 X	TIPOCIVE()	
16 1,000 1,130 .375 • X		
Shoe Inside Outside Other Location of shoe(s) 1,195	JUL 2 5 2025 🍇	
Temp casing \times Yes Dia 20 From 0 To 1,200		
(7) PERFORATIONS/SCREENS Perforations Method	UNNU	
Screens Type V-Wire Material 304 SS	Date Started 01-06-2020 Completed 04-16-2021	
Perf/S Casing/Screen Scrn/slot Slot # of Tele/	Completed of 10 2021	
creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification	
Screen Liner 16 990 1,000 .035	I certify that the work I performed on the construction, deepening, alteration, or	
Screen Liner 16 1,130 1,195 .035	abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to	
	the best of my knowledge and belief.	
(a) VIEV TRACES	License Number 2040 Date 05-24-2021	
(8) WELL TESTS: Minimum testing time is 1 hour	Signed V/4	
Pump Bailer Air Flowing Artesian		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification	
1,085 137.6 480 3	I accept responsibility for the construction, deepening, alteration, or abandonment	
work performed on this well during the construction dates reported above.		
performed during this time is in compliance with Oregon water supply to construction standards. This report is true to the best of my knowledge and belie		
Temperature 64 °F Lab analysis X Yes By GSI Water Solutions		
Water quality concerns? Yes (describe below) TDS amount 140 mg/L From To Description Amount Units	License Number 1523 Date 05-24-2021	
From To Description Amount Units	Signed Ath	
	Contact Info (optional)	

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. LABEL# L	138848	
START CARD #	1045834	
ORIGINAL LOG #		

	ORIGINAL LOG #	
a) PRE-ALTERATION	Water Quality Concerns	
Dia + From To Gauge Stl Plstc Wld Thrd		ount Units
Material From To Amt sacks/lbs		
	(10) STATIC WATER LEVEL	
BORE HOLE CONSTRUCTION	SWL Date From To Est Flow SWL(ps:	i) + SWI (fi
BORE HOLE SEAL sacks/	2011011 2112(p)	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
na From 10 Material From To Amt lbs		
Calculated		+
Carculated		
Calculated		
Calculated		\dashv
Calculated		
FILTER PACK From To Material Size	(11) WELL LOG	
Tiom To Material 5.52	Material From	To
CASING/LINER		
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd		
Casing Ellier Did + 110iii 10 Gauge Su Fisie Wid Hild	RECEIVED	_
○ 16 1,195 1,200 .375 ○ X	112021125	
	MAY 24 2021	
	WA 1 24 2021	
	OMED	
8 9 H H B 8 H H	OWRD	
W		
PERFORATIONS/SCREENS	Received	2
erf/S Casing/Screen Scrn/slot Slot # of Tele/		•
een Liner Dia From To width length slots pipe size	2 5 2025	11
	OWRD	
	Comments/Remarks	
		21
) WELL TESTS: Minimum testing time is 1 hour		
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)		

Cascade 8 Summary Borehole Log

	0 - 95	silty GRAVEL, some sand
	95 - 145	well graded sandy GRAVEL
	145 - 195	CLAY and clayey GRAVEL
	195 - 225	well graded slightly sandy GRAVEL, moderately cemented
Troutdale Gravel Aquifer (TGA)	225 - 275	well graded/poorly sorted clayey to silty GRAVEL, weak to moderate cementation
	275 - 450	slightly sandy well graded GRAVEL with intermittent (<5' thick) sand lenses
	450 - 532	slightly sandy poorly graded GRAVEL, moderately cemented
Confining Unit 1 (CU1)	532 - 690	CLAY, trace to moderate gravel
	690 - 720	silty SAND, slight gravel, weakly cemented
Troutdale Sandstone Aquifer	720 - 740	clayey SAND, slight gravel, weakly cemented
(TSA)	740 - 770	silty SAND, slight gravel, strongly cemented
	770 - 780	clayey SAND, slight gravel, weakly cemented
Confining Unit 2	780 - 830	CLAY, trace gravel
(CU2)	830 - 840	SILT, slight sand and gravel
(602)	840 - 1020	CLAY, trace gravel
	1020 - 1030	well graded, micaceous clayey SAND
	1030 - 1040	well graded micaceous SAND
	1040 - 1050	weakly cemented silty SAND
Sand and Gravel Aquifer	1050 - 1060	well graded non cemented SAND
(SGA)	1065 - 1075	silty SAND, poorly graded and weakly cemented
	1075 - 1085	poorly graded, non-cemented SAND
1	1085 - 1125	silty SAND, some fines, moderately cemented
₹ Editi,	1125 - 1200	poorly graded SAND, little fines, non-cemented

RECEIVED

MAY 24 2021

OWRD

Received
JUL 2 5 2025

OWRD

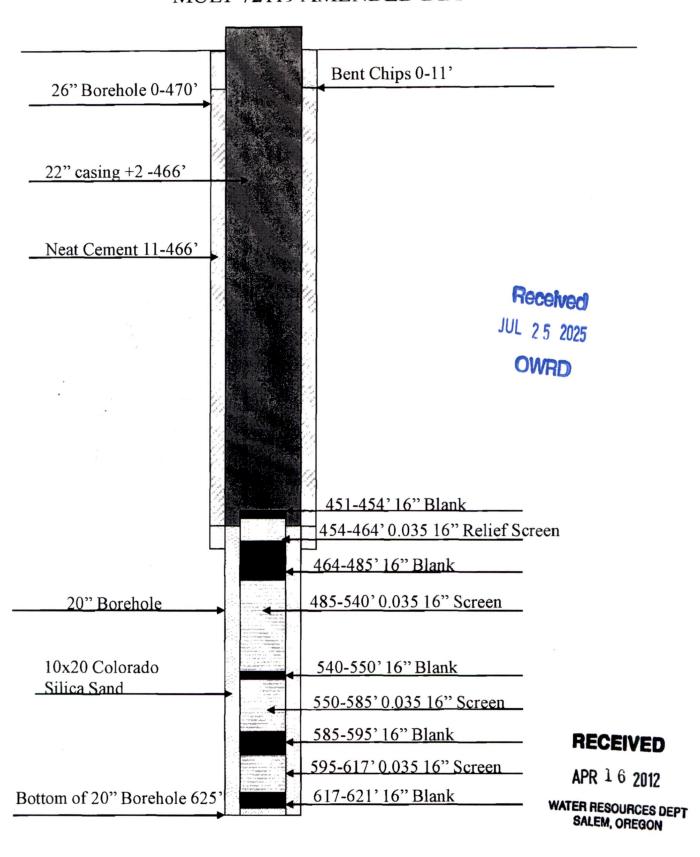
MULT 727 201 ANSENDED

STATE OF OREGON WATER SUPPLY WELL REPORT (as required by ORS 537.765) Instructions for completing this report are on the last page of this form.

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

1113	tructions i	or comp	neung uns	report	areon	the las	t page of this	iorm.								
(1) O	WNER:					Vell Nu	mber Casca	de # 4	(9) LO	CATION	OF WELL	by legal de	scription	n:		
		d Wate	er People'	s Utilit	ty Dist	rict		-				atitude	_		ngitude	
	s 19601 N	-							1	ship 1	N		3		E	WM.
-	ortland			Sta	te OR		Zip	97230		on 29	SE				1/4	
-	YPE OF	WORK	′							ot 300	Lot	Block		Sı	ubdivision	
				ration	(renair/	recondi	tion) [Aba	ndonment				arest address)		-	_	
	RILLMI			-	(repair)		11011			tland, OR	11.	,				
	tary Air			Cat	ale	Aug	nar.				TER LEV	FL				
	er Rever			Cat)ic	[] A u	gei		196		t. below land			r	Date 12/29/	03
Caragar	ROPOSE									sian pressure			imah			
						LJ	1-1-4				ARING ZO	lb. per squ	uare inch.		Date	
			,	lnd		- and	Irrigation		(11) W	ALEK DE	ARING Z	UNES:				
	ermal	begrand -	ction		estock		Other		1			. 4001				
• •			ONSTRU							which water	r was first fo	ound 138.				
							impleted Well									
Explos	sives used	Yes	No T	ype		A	mount			From		To	Est	imated	l Flow Rate	SWL
	HOLE			8	SEAL					otary and			-			
Diamet	er From	1	Mate		From	To	Sacks or p	ounds		d Reverse			1			
26"	0	11	Bent Chi	ps	0	11	18 Sacks			tion drillin	-					
26"	11	470	Cement		11	466	477 Sacks		was us	ed. Water						
20"	470	352							Bearing	Zones ur	nava ilable) .				
***************************************		1				1			(12) 11/	ELLIOC						
How u	vas seal pla	ced:	Method		A [В	C	DE	(12) W	ELL LOG		ion				
			with Brad		-					Gr	ound Elevai	1011	-			
							rial Silica S	and	<u> </u>	M	aterial		T	rom	To	SWL
			ft. to						Sac Att		et on Orig	inal Log	r	TOM	10	24417
	placed fro			025	ft.	Size	of gravel 10x		See All	acried Sile	set on ong	inai Log	-		-	
(b) C	ASING/I														-	
	Dianieter	1	1	Gauge	1	Plasti		Threaded			-		1		-	
Casing	.22"	+2	466	.375	1						- QA	ceived	T			
	See	Atta	ch Dia								8101	COLVOC	.3	-		
	16"	451	454	.375	1						1111	7 5 2025	-			
	16"	464	485	.375	1		1				JUL	/ 7 2023	1			
Liner:	16"	540	550	.375	1		1						1			
	16"	617	621	.375	1		7				C	WRD	1			
Final le	ocation of	shoe(s)				h	<u></u>	L								
			SSCREE	VS.												
-	Perforation		Method	10.												
-	Screeus						aterial Stail	nlaga		-	-		REC		ED	
. 🗸	screens	Slo	Type 304		an and the speciments	Tele/p		niess					-			
		size	Numbe		meter	size	Casing	Liner					YPR +	0 2	N12	
454	464	.035	Relief			PS								- 2	U 14	
485	540	.035		16"		PS						WATE	RAFE) I I P	ES DEPT	
550	585	.035		16		PS					···	11711	BALEM,	ODE/	CO UEL	
595	617	.035		16"		PS							-/	ONE	ON	
See	Attach	Dia								1 1						-
(8) W	ELL TES	STS: N	1inimum	testing	g time	is 1 ho	ur		Date start	ed 9/8/03		Con	npleted	1/20/0	4	
-								tin c			Well Constru	uctor Certific				
J P	Pump	F	Bailer	Г	Air			wing esian	I certi	fy that the w	ork I perfor	med on the co	nstruction	, altera	ition, or abar	ndonment
	ld gal/min		awdown		Drill ste	m at		Time	of this we	ell is in com	pliance with	Oregon water	supply w	ell cor	istruction sta	andards.
1101	- See Mill	, Di		· ·				1 hr.	Materials and belie		iformation re	eported above	are true to	the be	est of my kn	owledge
4000		80		-			48 hrs	1 14.	and bene	1.			11/11/	C No.	har 1522	
4000				-			40 1113		g: ·	See Ori	ninal Loo		ww		ber 1523	
									Signed		ginal Log				Date	
	rature of w				Artesia		Found		, ,			or Certificati				
Was a	water analy	sis done	e?	Yes B	y whom							construction, a				
Did any	y strata con	tain wa	ter not suita	ble for			Too l					construction compliance wit				
Salt	y Muc	-	Odor	Color	ed [Other	Wood/Fine	e Sand				ort is true to the				
Depth	of strata:	Blank	Sections										WW	C Nun	nber 1464	
									Signed	See Ori	iginal Log	7			Date	

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



MULT 72119 MULT 72119

	TATE OF			FPA	DT					(WELL I.D.)# L_68016				
	WATER SUPPLY WELL REPORT (as required by ORS 537.765) Instructions for completing this report are on the last page of this form.									(START CARD) # 160370				
				report	are on t	he last	page o	f this f	form.	(onini onio)				
(1) OV	UNIED.				11	ell Nun	nher C	ascad	la # 4	(9) LOCATION OF WELL by legal description:				
		d Wate	r People's	1 141114			1001		-	County Multnomah Latitude Longitude				
	19601 N			Othic	y Dieti					Township 1 N Range 3 E WM	1.			
-		E naisi	By Ot.	Cta	te OR			Zip 9	7230	Section 29 SE 1/4 SE 1/4				
City Po		VODI		Sta	te On			Zip •	1200	Tax Lot 300 Lot Block Subdivision				
	PE OF				(!l-	4:4	:\ 🖂	A b	dammant	Street Address of Well (or nearest address) 19601 NE Halsey St.				
			ng Alte	ration	(repair/r	econait	10n)	Aband	donnent	Portland, OR				
	TILL ME			٦.,						(10) STATIC WATER LEVEL:				
			ry Mud	Cab	le	Aug	er			196' ft. below land surface. Date 12/29/03				
	Rever													
()	OPOSE			_						Artesian pressure lb. per square inch. Date lt. WATER BEARING ZONES:				
Don		_	imunity	_			Irrigatio	on		(II) WATER BEARING ZONES:				
The		Inje		Liv			Other_			D. d. a. 111				
			NSTRU						63E 0	Depth at which water was first found 138'				
			roval Ye								WL			
Explosi		Yes	No T			A	mount			11000	WL			
	HOLE			5	SEAL					Mud Rotary and	-			
Diamete	1	To	Mate	rial	From	То	Saci	ks or pe	ounds	Flooded Reverse	-			
26"	0	470	Cement		0	470				Circulation drilling	\dashv			
20"	470	625			-					was used. Water	-			
										Bearing Zones unava liable.				
										(12) WELL LOG:				
How w	as seal pla	ced:	Method		A [В	\mathbf{Z}_{C}		□E	Ground Elevation				
	ther													
Backfil	ll placed fi	rom	ft. to		ft.	Mater	rial SII	ica Sa	ınd	Material From To SW	L			
Gravel	placed fro	m 45	3_ ft. to	625	ft.	Size o	of grave	10x	20	See Attached Sheet	_			
(6) C	ASING/I	LINER	:											
	Diameter	Fro	m To	Gauge	Steel	Plasti	c Wel	ded	Threaded					
Casing	22"	+2	466	.375				1						
	20"	451	455	.375			5	1		Retelean				
	20"	465	485	.375				1		1.001/60				
Liner:	20"	540	550	.375				1		1111 25 2005				
	20"	617	623	.375		\Box		7		2020				
Final lo	ocation of	shoe(s)												
(7) PE	RFORA	TIONS	SSCREE	NS:						OWRD				
	Perforation	IS	Method											
	Screens		Type 304	1		M	aterial	Stair	nless	DECEMEN				
		Slo				Tele/p	ipe			RECEIVED				
From 455	465	osize	Numbe	16"	meter	PS	, (asing	Liner					
485	540	.035		16"		PS		\exists	H	FEB 05 2004				
550	585	.035		16		PS		H		1 25 17 2001	\neg			
585	617	.035		16"		PS				WATER RESOURCES DEPT				
-	10	1.000	+	+		-		H	П	SALEM, OREGON	\neg			
										S. SELINI, ONLEGGIA	\neg			
(9) W/	EII TE	ere. N	/linim um	toetin	a time	ie 1 ho				Date started 9/8/03 Completed 1/20/04				
(0) **	CLL IE	313: N	111111111111111111111111111111111111111	testin	g ume	19 1 110	ui							
-				_	٦		-		ving	(unbonded) Water Well Constructor Certification:				
_	ump		Bailer	L	Air		L	Arte		I certify that the work I performed on the construction, alteration, or abandonn of this well is in compliance with Oregon water supply well construction standard	ds.			
Yiel	d gal/min	D ₁	awdown	_	Drill ste	m at	1		<u> </u>	of this well is in compliance with Oreson water supply well construction standard Materials used and information reported above are true to the best of my knowled	ige			
4000		-		+			-		l hr.	and belief.				
4000		80		+			48	hrs		WWC Number 1523	14.6			
										Signed Date 1/9/0	7			
Temper	rature of w	ater 56	F	Depth	h Artesia	an Flow	Found			(bonded) Water Well Constructor Certification:	•			
	water anal		_		y whom					I accept responsibility for the construction, alteration, or abandonment work performed on this well during the construction dates reported above. All work				
			ter not suit					Too li		performed during this time is in compliance with Oregon water supply well	_			
			Odor [red [Other	Woo	d/Fine	Sand	construction standards. This report is true to the best of my knowledge and belief	ŧ.			
Depth o	of strata:	Blank	Sections							WWC Number 1464				
			1.0							Signed Date 2/4/0	07			
ORIGI	NAL & I	FIRST	COPY-WA	TER	RESOU	JRCES	DEP	ARTM	ENT SE	COND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER				

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:	То:
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	190
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

RECEIVED

FEB 05 2004

WATER RESOURCES DEPT SALEM, OREGON Received

JUL 25 2025

OWND

STATE OF OREGON WATER SUPPLY WELL REPORT

WELL I.D. LABEL# L	138827
START CARD #	1045835
ORIGINAL LOG #	

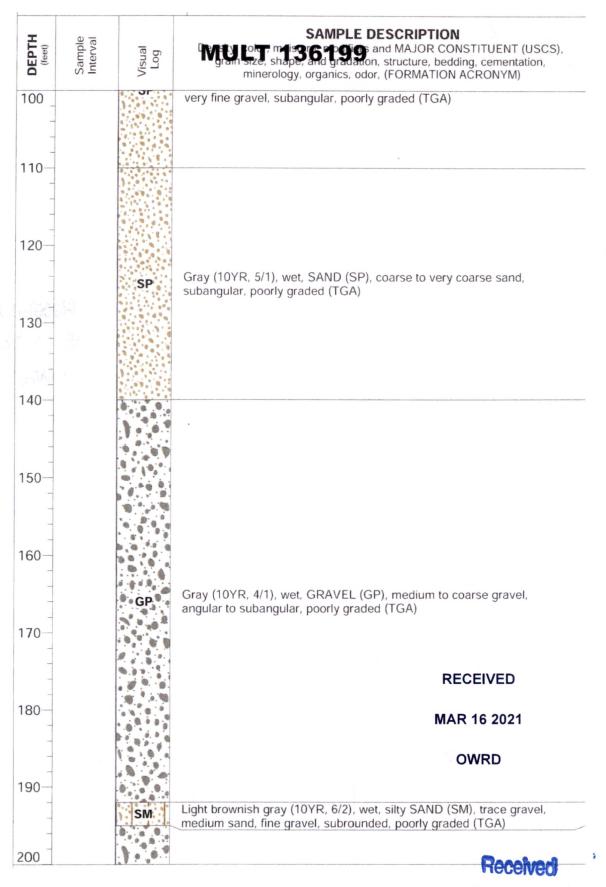
(as required by ORS 537.765 & OAR 690-205-0210)	ORIGINAL LOG #	
(1) LAND OWNER Owner Well I.D. CASCADE 7		
First Name Last Name	(9) LOCATION OF WELL (legal description)
Company ROCKWOOD PUD	County MULTNOMAH Twp 1 N N/S Range 3	E E/W WM
Address 19601 NE HALSEY ST. City PORTLAND State OR Zip 97230	Sec _33 NW 1/4 of the NW 1/4 Tax L	ot 0900
	Tax Map Number Lot Lat or ' " or _45.528303	
(2) TYPE OF WORK New Well Deepening Conversion Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat or 45.528303	DMS or DD
(2a) PRE-ALTERATION	Long or122.454423	DMS or DD
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address	
Casing:	710 NE 202nd AVE. Fairview, OR 97024	
Material From To Amt sacks/lbs Seal:		
(3) DRILL METHOD	(10) STATIC WATER LEVEL	
Rotary Air X Rotary Mud X Cable Auger Cable Mud	Date SWL(psi) + SWL(ft)
Reverse Rotary Other	Existing Well / Pre-Alteration Completed Well 05-29-2020	204.5
	Flowing Artesian? Dry Hole	
	WATER BEARING ZONES Depth water was first f	
Thermal Injection Other		
		(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	05-29-2020 633 818 2,500	204.5
Depth of Completed Well 802 ft. BORE HOLE SEAL sacks/		
Dia From To Material From To Amt lbs		
30 0 60 Cement 0 60 132 S		
Z8 60 633 Cement 60 632.5 577 S		
28 60 633 Cement 60 632.5 577 S	(11) WELL LOG Ground Elevation 204	
How was seal placed: Method A B XC D E	Material From	n To
Other		0 818
Backfill placed from 802 ft. to 818 ft. Material PEA GRAVEL		
Filter pack from 620 ft. to 802 ft. Material SAND Size 12/20		
Explosives used: Yes Type Amount		
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		
Proposed Amount Pounds Actual Amount Pounds		leceived
(6) CASING/LINER		
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	JUL	2 5 2025
	RECEIVED	
		OWRD
16	MAR 16 2021	244162
() (•) 16 T 745 755 .375 (•) (X	WAR 16 2021	
Shoe Inside Outside Other Location of shoe(s) 632.5		
Temp casing Yes Dia 30 From + 0 To 60	OWRD	
(7) PERFORATIONS/SCREENS		
Perforations Method		
Screens Type V-Wire Material 304 SS Perf/S Casing/Screen Scrn/slot Slot # of Tele/	Date Started 12-19-2019 Completed 02-2-	4-2021
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification	
Screen Liner 16 620 630 .035	I certify that the work I performed on the construction, d	
Screen Liner 16 665 714 035	abandonment of this well is in compliance with Oreg construction standards. Materials used and information rep	
Screen Liner 16 735 745 .035 Screen Liner 16 755 797 .035	the best of my knowledge and belief.	orted above are true to
	License Number 2040 Date 03-08-2	.021
(8) WELL TESTS: Minimum testing time is 1 hour	0.71	
Pump Bailer Air Flowing Artesian	Signed VV 9	
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification	
2,460 52.5 350 1.3	I accept responsibility for the construction, deepening, alto	eration, or abandonmen
	work performed on this well during the construction dates re	eported above. All work
GSI Water Solutions	performed during this time is in compliance with Oreg construction standards. This report is true to the best of my	
Temperature 51 °F Lab analysis X Yes By GSI Water Solutions Water quality concerns? Yes (describe below) TDS amount 110 mg/L	·	
Water quality concerns? Yes (describe below) TDS amount 110 mg/L From To Description Amount Units	License Number 1523 Date 03-08-202	.1
	Signed At 16	
	Contact Info (optional)	

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. LABEL# L	138827	-
START CARD #	1045835	
ORIGINAL LOG #		

			ORIGINAL LOG #			
a) PRE-ALTERATION	Water Q	uality Co	icerns		-	
Dia + From To Gauge Stl Plstc Wld Thrd	From	То	Description		Amount	Units
					T	
					1	_
				e-	1	
Material From To Amt sacks/lbs						
	(10) STA	TIC WA	TER LEVEL			
BORE HOLE CONSTRUCTION	SWL Dat			Flow SW	I (pei)	SWL(ft
BORE HOLE SEAL sacks/	011224	1101	I TO Est	TIOW SW.		- SWL(II
Dia From To Material From To Amt lbs					-+	+
Calculated						
					-	-
Calculated		_			-+	
Calculated		_			-+	+
						1
Calculated						
FILTER PACK	(11) WEI	LIOC				
From To Material Size	(11) WEI	LL LUG				
		Mat	erial	Fr	om	То
CASING/LINER						
Casing Liner Dia + From To Gauge Stl Plste Wld Thrd						
○ 16 ☐ 797 802 .375 ○ X						-
8 8 10 1 177 1 802 1 373 1 8 8 1 A A						
						-
				_		
		RECE	VED			
		ILUL	***			
		MAR 16	2021			
PERFORATIONS/SCREENS				_		
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/		OW	RD 💯			
reen Liner Dia From To width length slots pipe size	;			Redel	red	
]					
	┨├──		F JU	IL 25	2025	
	1					
	1		7.	OWF	3D	
				-		
	┨└──					
	1					
	Comme	nts/Rema	rks			
B) WELL TESTS: Minimum testing time is 1 hour	(6) Casing					
	Temporary	y 20" casing	was advanced from 632	.5 to 818 fe	et then re	moved
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	during we	ll constructi	on			

DIVITY Plane is the product of the p	Visual	Sample Interval	DEPTH (feet)
			10-
Gray (10YR, 5/1), wet, sandy GRAVEL (GW), fine gravel to coarse sand, subangular, well-graded (TGA)	G₩		20
JUL 25			30-
OW			40
No recovery			50-
Gray (10YR, 5/1), wet, sandy GRAVEL (GW), fine gravel tocoarse sand subangular, well-graded (TGA)	GW		60
RECEIVED			70-
MAR 16 2021 OWRD			80-
			90
Dark gray (10YR, 4/1), wet, slightly gravelly SAND (SP), coarse sand to			100



JUL 25 2025

DEPTH (feet)	Sample Interval	Visual Log	SAMPLE DESCRIPTION Living of the state of t
200			
210-			
220			
230-			
240			
250		GP	Dark gray (10YR, 4/1) GRAVEL (GP), fine gravel, subrounded to subangular, poorly graded (TGA)
260			
270-			RECEIVED
280		4	MAR 16 2021
-			OWRD
290			Received
300			JUL 2 5 2025

DEPTH (feet)	Sample Interval	Visual Log	SAMPLE DESCRIPTION Divinity Color mass Grade and MAJOR CONSTITUENT (USCS), grain size, shape, and gradation, structure, bedding, cementation, minerology, organics, odor, (FORMATION ACRONYM)
300		GM	Dark brown (10YR, 3/3), wet, silty GRAVEL (GM), tace clay, low plasticity, fine gravel, subangular, poorly graded (TGA)
320		GP	Dark gray (10YR, 4/1), GRAVEL (GP), coarse gravel, subrounded to subangular, poorly graded (TGA)
330-		GC	Very dark grayish brown (10YR, 3/1), wet, slightly silty, clayey GRAVEL (GC), medium plasticity, subrounded to subangular, poorly graded (CU1)
350-		ML	Soft, dark brown (10YR, 3/3), wet, sandy SILT (ML), trace gravel, low plasticity, fine grained sand, fine grained gravel, subrounded, poorly graded (CU1)
360-			MAR 16 2021
370-		SM	OWRD Very pale brown (10YR, 7/4), wet, silty SAND (SM), fine to medium grained, sub-rounded, well-graded (CU1)
380		JIVI	370 - 390 ft.: poorly graded with trace fine grained gravel
390-		SC	Medium stiff, strong brown (7.5YR, 4/6), wet, sandy CLAY (SC), high plasticity, very fine grained, subrounded, poorly graded (CU1)
400_			Received

JUL 25 2025

DEPTH (feet)	Sample Interval	Visual Log	SAMPLE DESCRIPTION Density color, maisture modifies and MAJOR CONSTITUENT (USCS), given the color of the col
500		1	
510		SM	Light olive brown (2.5Y, 5/3), wet, silty, gravelly, SAND (SM), fine gravel, medium sand, poorly graded (TSA)
20		SM	Light olive brown (2.5Y, 5/3), wet, slightly gravelly, sandy SILT (SM),low to non-plastic, fine gravel, medium sand, medium dry strength, poorly graded (TSA)
30		SM	Dark gray (2.5Y, 4/0), wet, slightly clayey, sandy SILT (ML), fine sand, nonplastic, poorly graded (TSA)
40-		ML	Very dark gray (2.5Y, 3/0), wet, clayey SILT (ML), low to medium plasticity, low toughness, medium dry strength (CU2) 548-549 ft.: Low toughness, dark brown (10YR, 3/3), wet, very clayey SILT (ML), low to nonplastic, low dry strength
50			
60-		SM	Dark gray (7.5YR, 4/0), wet, very silty SAND (SM), trace gravel, very fine sand, fine gravel, subangular sand and gravel, poorly graded (CU2) Very dark gray (7.5YR, 3/0), wet, slightly silty, sandy GRAVEL (GW),
70-			subrounded gravel, subangular sand, well graded (CU2) RECEIVED
-			MAR 16 2021
30-		ML	Gray (7.5YR, 5/0), wet, slightly sandy SILT (ML), low plasticity, very fine sand (CU2)
90			Received
00_			JUL 25 2025 OWRD

DEPTH (feet)	Sample Interval	Visual Log	Density 1919, Tristy 1919 and Grand MAJOR CONSTITUENT (USCS), grain 52c, shape, and gradation, structure, bedding, cementation, minerology, organics, odor, (FORMATION ACRONYM)		
400		ML	Very soft, grayish brown (2.5Y, 5/2), wet, sandy SILT (ML), very soft, very fine sand, subangular (CU1)		
420			Dark gray (2.5Y/N3/3), wet, gravelly, silty SAND (SM) coarse grained, subangular gravel and sand, well-graded (TSA)		
430-		SM	fluctuating gravel size with depth		
440		Very dark gray (2.5Y, 3/N3) GRAVEL (GP), wet, coarse, subrounded to subangular, poorly graded (TSA)			
450-		GP GP	Light brownish gray (2.5Y, 3/N3), GRAVEL (GP), wet, coarse, subrounded to subangular, poorly graded (TSA) Very dark gray (2.5Y, 3/N3), GRAVEL (GP), wet, coarse, subrounded to subangular, poorly graded (TSA)		
460			some reddish brown to brown (2.5Y, 6/2) gravel		
470		SP	Light brownish gray (2.5Y, 3/N3), wet, slightly gravelly SAND (SP), medium grained sand, fine gravel, subrounded sand and subangular gravel, poorly graded (TSA).		
-			Received RECEIVED		
480					
			OWRD		
490	7,50 A	GP	Dark gray (10YR, 4/1), wet, sandy Gravel (GP), medium sand, fine gravel, subangular sand and gravel, poorly graded (TSA)		
500	20 1				

DEPTH (feet)	Sample Interval	Log	SAMPLE DESCRIPTION Density Color, maisture medifiers and MAJOR CONSTITUENT (USCS), gM Ust Shape lad Galagies tructure, bedding, cementation, minerology, organics, odor, (FORMATION ACRONYM)	
600				
610-			ark gray (2.5YR, 4/0), wet, very silty SAND (SM), medium sand, ubrounded, poorly graded (SGA)	
620		62	20 - 629 ft.: trace gravel	Recent JUL 25 OWR
630			ery dark gray (2.5Y, 3/0), wet, slightly gravelly, silty SAND, fine to very barse SAND (SM), subangular, well graded (SGA)	
640			ark gray (10YR, 4/1), wet, very sandy, slightly silty GRAVEL (GP), fine avel to very coarse sand, subangular, poorly graded (SGA)	
650		VIL	ark gray (10YR,4/1), wet, clayey SILT (ML), low plasticity (SGA)	
660-		GP CO	ark gray (10YR, 4/1), wet, slightly silty, sandy GRAVEL (GP), fine to earse gravel, coarse sand, subangular, poorly graded, weak to oderate cementation (SGA)	
670			ack (7.5YR, 2/0), wet, gravelly SAND (SP), coarse sand to fine gravel, bangular, poorly graded (SGA)	
680			5 - 678 ft.: cemented cobbles MAR 16 2021	
690			OWRD	
NO W			ack (7.5YR, 2/0), wet, gravelly SAND (SP), coarse sand to fine gravel, bangular, poorly graded, moderately cementeted (SGA)	
700			7 - 690 ft.: Cemented cobbles	1

DEPTH (feet)	Sample Interval	Visual Log	Den 1997, Telepist 19
700			690 - 694 ft.: Vesicular basalt
710			
720		SM	Very dark gray (10YR, 3/1), wet, gravelly, silty SAND (SM), fine to medium sand, fine gravel, subangular sand, subrounded gravel, poorly graded (SGA)
730			
740			RECEIVED
			MAR 16 2021
750 - - -			OWRD
760			Very dark gray (10YR, 3/1), wet, gravelly, silty SAND (SM), fine to medium sand, fine gravel, subangular sand, subrounded gravel, poorly
770-	,	SM	graded (SGA) 800 802 ft.: Woody debris encountered
780-			
-			Received
790—			JUL 2 5 2025
800			OWRD

DEPTH (feet)	Sample Interval	Visual Log	SAMPLE DESCRIPTION Denty of r, Toist re Gai Gaid MAJOR CONSTITUENT (USCS), grain size, shape, and gradation, structure, bedding, cementation, minerology, organics, odor, (FORMATION ACRONYM)	/
800				
810-				
820				

Received

JUL 25 2025

OWRD

RECEIVED

MAR 16 2021

OWRD

STATE OF OREGON

MULT 136598

WELL I.D. LABEL# L		
START CARD #	1046640	

WATER SUPPLY WELL REPORT	START CARD # 1046640
(as required by ORS 537.765 & OAR 690-205-0210)	ORIGINAL LOG #
(1) LAND OWNER Owner Well I.D. Cascade 9	•
First Name Last Name	(9) LOCATION OF WELL (legal description)
Company CITY OF GRESHAM	
Address 1333 NW EASTMAN PARKWAY	County MULTNOMAH Twp 1 N N/S Range 3 E E/W WM
City GRESHAM State OR Zip 97030	Sec 32 NE 1/4 of the NW 1/4 Tax Lot 5400
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat " or 0 DMS or DD
Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat or 0 DMS or DD
(2a) PRE-ALTERATION	Lat ° ' " or 0 DMS or DD Long ° ' " or 0 DMS or DD O Street address of well O Nearest address
Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address
Casing:	1087 NE 188TH AVE. PORTLAND OR 97030 WITH IN KIRK PARK
Material From To Amt sacks/lbs	1007 NE 186111 AVE. FORTEAND OR 97030 WITH IN KIRK FARK
Seal:	
(3) DRILL METHOD	(10) STATIC WATER LEVEL
Rotary Air Rotary Mud Cable X Auger Cable Mud	Date SWL(psi) + SWL(ft) Existing Well / Pre-Alteration
Reverse Rotary Other	Completed Well 04-02-2021 210
(A PROPOSED VICE OR VICE VICE	Flowing Artesian? Dry Hole?
(4) PROPOSED USE Domestic Irrigation Community	
Industrial/Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was first found
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	04-02-2021 720 907 2500 + 210
Depth of Completed Well 855 ft.	04-02-2021 720 907 2300 1
BORE HOLE SEAL sacks/	
Dia From To Material From To Amt lbs	
48 0 58 Cement 0 58 688 S	
28 58 723 Calculated 373	
20 723 907 Cement with 5% bent 0 723 6,641 Gallon	(4) WELL LOC
Calculated 6,171	(11) WELL LOG Ground Elevation
How was seal placed: Method X A B XC D E	Material From To
Other	See Attached Formation Log 0 723
Backfill placed from 907 ft. to 855 ft. Material 12/20 SAND	
Filter pack from 855 ft. to 711 ft. Material SAND Size 12/20	
Explosives used: Yes Type Amount	
(5a) ABANDONMENT USING UNHYDRATED BENTONITE	
Proposed Amount Pounds Actual Amount Pounds	
(6) CASING/LINER	
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	
	Dagaran
● 24 387 723 .50 ● ★	neceived)
	11.11
	JUL 7 5 2025
Shoe Inside Outside Other Location of shoe(s) 718	
Temp casing X Yes Dia 20 From 0 To 723	OWDD
(7) PERFORATIONS/SCREENS	O TO I II.
Perforations Method	
Screens Type WIRE WRAP Material SS	Date Started03-24-2020 Completed 04-15-2021
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Completed
creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification
Screen Liner 16 710 720 .035	I certify that the work I performed on the construction, deepening, alteration, or
Screen Liner 16 740 850 .035	abandonment of this well is in compliance with Oregon water supply well
	construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
	,
	License Number 2040 Date 5/24/2021
(8) WELL TESTS: Minimum testing time is 1 hour	Signed V/4
Pump	Digited
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	(bonded) Water Well Constructor Certification
2,470 82.7 340 48	I accept responsibility for the construction, deepening, alteration, or abandonmen
	work performed on this well during the construction dates reported above. All work
	performed during this time is in compliance with Oregon water supply well
Temperature 60 °F Lab analysis XYes By GSI Water Solutions	construction standards. This report is true to the best of my knowledge and belief.
Water quality concerns? Yes (describe below) TDS amount 110 mgl	License Number 1523 Date 5/24/2021
From To Description Amount Units	
	Signed At to

Contact Info (optional)_

WATER SUPPLY WELL REPORT - continuation page

WELL I.D. LABEL# L	138847	
START CARD #	1046640	
ORIGINAL LOG #		

		ORIGINAL LOG #	
2a) PRE-ALTERATION	Water Qual	ity Concerns	
Dia + From To Gauge Stl Plstc Wld Thrd		To Description	Amount Units
	Trom	To Description	7 tinount cints
Material From To Amt sacks/lbs			
	1		
	(10) STATI	CWATERIEVEL	
BORE HOLE CONSTRUCTION		C WATER LEVEL	
DODE HOLE CEAL	SWL Date	From To Est F	flow SWL(psi) + SWL(ft)
Dia From To Material From To Amt lbs			
Calculated			
Calculated			
Calculated			
Calculated			-
Calculated		+	
FILTER PACK			
From To Material Size	(11) WELL	LOG	
		Material	From To
CACINICA DIED			
CASING/LINER			
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd			
● 16 ■ 850 855 .375 ● ▼			
8 AL AL AL BAH H			
			leceived
		JUL	2 5 2025
PERFORATIONS/SCREENS			- 2 17 2020
Perf/S Casing/ Screen Scrn/slot Slot # of Tele/			OWN
reen Liner Dia From To width length slots pipe size	ş		OWRD
	┨├──		
	1		
	11		
	-		
	Comments	/Remarks	
	Comments	Acmarks	
8) WELL TESTS: Minimum testing time is 1 hour			
Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)			
	1.1		

Kirk Park Summary Borehole Log

Troutdale Gravel Aquifer (TGA)	0 - 280	sandy GRAVEL, increasingly cemented with depth		
Troutdale Gravel Aquiler (TGA)	280 - 298	silty to clayey, poorly sorted GRAVEL		
Confining Unit 1 (CU1)	298 - 445	clayey SILT, intermitent clayey sands		
Troutdale Sandstone Aguifer	445 - 520	poorly sorted medium SAND, trace to little silt		
Troutdale Sandstone Aquifer	520 - 578	sandy GRAVEL, signs of cementation		
(TSA)	578 - 622	poorly sorted silty GRAVEL, trace clay		
Confining Unit 2	622-670	clayey SILT		
(CU2)	670 - 720	sandy SILT, trace gravel below 700'		
	720-735	SAND with silt and gravel		
	735-750 well graded GRAVEL with sand, larger gravels broken			
	750-760	well sorted medium SAND, trace broken gravel and rounded pea gravel		
	760 - 810	coarse GRAVEL, some sand		
	810 - 855	poorly sorted coarse SAND, some muscovite and gravel		
Г	855-865	well graded/poorly sorted GRAVEL, little silt, trace muscovite		
Sand and Gravel Aquifer (SGA)	865-875	moderately sorted fine to coarse SAND, micaceous with trace organics/bark and pea gravel		
(SGA)	875-885	well graded/poorly sorted GRAVEL with sand, trace organics, micaceous		
	885-890	SANDSTONE and SILTSTONE with trace gravel		
Γ	890-895	well sorted and rounded coarse SAND		
	895-900	poorly sorted GRAVEL and SAND with some siltstone and sandstone		
	900-907	well sorted medium SAND with trace gravel, muscovite, and organic debris		

Received
JUL 2.5 2025
OWRD



WELL I.D. LABEL# L 112748							
START CARD #	1027242						
ORIGINAL LOG #							

(as required by One, 35% (45% OAR 070-203-0210)	ORIGINAL LOG #		
(1) LAND OWNER Owner Well I.D.			
First Name Last Name	(9) LOCATION OF WELL (legal description)		
Company Rockwood Water Peoples Utility District	(9) LOCATION OF WELL (legal description)		
Address 19601 NE HALSEY ST	County MULTNOMAH Twp S N/S Range 3 E E/W WM		
City Portland State OR Zip 97230	Sec 3 NW 1/4 of the NW 1/4 Tax Lot 800		
	Tax Map Number Lot		
	Lat ° " or DMS or DD		
Alteration (complete 2a & 10) Abandonment(complete 5a)	Long or DMS or DD		
(2a) PRE-ALTERATION Dia + From To Gauge Stl Plstc Wld Thrd	Street address of well Nearest address		
Casing: To Gauge Stl Plstc Wld Thrd	(Direct address of their (Treatest address		
	22514 SE Stark St, Gresham, OR 97030		
Material From To Amt sacks/lbs			
	(10) STATIC WATER LEVEL		
(3) DRILL METHOD	Date SWL(psi) + SWL(ft)		
Rotary Air Rotary Mud Cable Auger Cable Mud	Existing Well / Pre-Alteration		
Reverse Rotary Other	Completed Well 03-01-2016 329.9		
(4) PROPOSED USE Domestic Irrigation Community	Flowing Artesian? Dry Hole?		
Industrial/Commercial Livestock Dewatering	WATER BEARING ZONES Depth water was first found 772		
Thermal Injection Other	SWL Date From To Est Flow SWL(psi) + SWL(ft)		
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy	02-15-2016 772 865 700 329.9		
Depth of Completed Well 865 ft.	02-13-2010 772 003 700 329.9		
000011010			
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs			
16 () 693 Cement 35 693 660 S			
Calculated			
Bentonite Chips 0 35 44 S			
Calculated	(11) WELL LOG Ground Elevation		
How was seal placed: Method A B C D E	Material From To		
X Other stab in grout shoe	See Attached Formation Log 0 883		
Backfill placed from 865 ft. to 883 ft. Material Bent/Peageavel	See Financia Communication		
Filter pack from 688 ft. to 865 ft. Material Silica Sand Size 10/20			
Explosives used: Yes Type Amount			
(5a) ABANDONMENT USING UNHYDRATED BENTONITE			
Proposed Amount Pounds Actual Amount Pounds			
Proposed Amount Founds Actual Amount Founds			
(6) CASING/LINER			
Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd	RECEIVED BY OWRD		
10 X 2 693 .250	HEGEIARD DI GIAUD		
5 G78 688 sch 40 X	Dana.		
693 772 sch 40 (X	TECEVAR ADD 1 0 2010		
() 5 862 865 sch 40 () X	APR 1 8 2016		
	JUL 2 5 200m		
Shoe Inside Outside X Other Location of shoe(s) 693	2.3 2025		
Temp casing X Yes Dia 16 From 0 To 90	SALLEM, OR		
	OWPD		
(7) PERFORATIONS/SCREENS	- MID		
Perforations Method	D . C 107 22 2015		
Screens Type V-Wire Material 304 SS Perf/S Casing/Screen Scrn/slot Slot # of Tele/	Date Started 07-22-2015 Completed 03-15-2016		
Perf/S Casing/Screen Scrn/slot Slot # of Tele/ creen Liner Dia From To width length slots pipe size	(unbonded) Water Well Constructor Certification		
1 3 088 093 055 1 1 1			
5 688 693 .035 5 5 772 862 .035 5	I certify that the work I performed on the construction, deepening, alteration, or		
5 688 693 .035 5	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well		
	I certify that the work I performed on the construction, deepening, alteration, or		
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.		
5 772 862 .035 5	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016		
5 772 862 .035 5	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016		
5 772 862 .035 5	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016		
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016		
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification		
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All works		
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well		
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work		
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 600 45.8 72 Temperature 57 °F Lab analysis XYes By Owner	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief.		
	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. License Number 1953 Date 04-13-2016		
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 600 45.8 72 Temperature 57 °F Lab analysis X Yes By Owner Water quality concerns? Yes (describe below) TDS amount	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. License Number 1953 Date 04-13-2016 Signed On File		
(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr) 600 45.8 72 Temperature 57 °F Lab analysis X Yes By Owner Water quality concerns? Yes (describe below) TDS amount	I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief. License Number 1523 Date 04-13-2016 Signed On-file (bonded) Water Well Constructor Certification I accept responsibility for the construction, deepening, alteration, or abandonment work performed on this well during the construction dates reported above. All work performed during this time is in compliance with Oregon water supply well construction standards. This report is true to the best of my knowledge and belief. License Number 1953 Date 04-13-2016		



City of Gresham Test Well #1 Formation Log

Fr	om	То	Detailed Description			
1	0	10	Gravel - medium, angular pebbles			
1	.0	20	Gravel - medium to coarse, angular to subrounded/ pebbles			
2	20	30	Med/coarse sandy gravel			
3	0	40	Med/coarse, dark sandy gravel			
4	10	50	Coarse sandy, light brown silty clay	Decot		
5	0	60	Dark brown, gravelly, sandy, silty clay	received		
6	60	70	Gravel/cobbles	Received JUL 25 2025		
7	0	80	Medium brown, clayey/sandy gravel	301 25 2025		
8	30	90	Medium brown, clayey silt	OWRD		
9	00	100	Gravel - medium pebbles	OWRD		
1	00	110	Gravel - medium pebbles			
1	10	120	Sandy/clayey gravel/cobbles			
1	20	130	Medium brown, silty clay			
1	30	140	Sandy gravel			
1	40	150	Gravel - med./coarse pebbles			
1	50	160	Silty/sandy gravel (med. Pebbles)			
1	60	170	Gravel - medium pebbles			
1	70	180	Coarse sand and gravel/cobbles			
1	80	190	Silty/sandy gravel/cobbles			
1	90	200	Coarse sandy gravel			
2	00	210	Gravel - sub/rounded, coarse pebbles			
2	10	220	Silty, clayey sand			
	20	230	Sandy gravel			
	30	240	Gravel - med./coarse sub/angular pebbles			
	40	250	Cemented cobbles			
	50	260	Cemented cobbles			
	60	270	Cemented cobbles	RECEIVED BY OWRD		
	70	280	Cemented cobbles			
	80	290	Dark grey sand	APR 1 8 2016		
	90	300	Dark gray, sandy gravel (basalt)	0 _ 20.0		
	00	310	Gravel (basalt and erratics) with some sand	CALEN OD		
	10	320	Gravel (basalt and erratics) with some sand	SALEM, OR		
	20	330	Sandy, med./coarse gravel (mostly basalt)			
_	30	340	Sandy, med./coarse gravel (mostly basalt)			
	40	350	Fine/med. Gravel			
	50	360	Medium gravel (sub/rounded)			
	60 30	370	Med./coarse gravel			
	70	380	Med./coarse subangular gravel with some sand			
	80 90	390	Angular/sub coarse gravel with some sand Sandy subrounded gravel			
	90 00	400 410	Sandy subrounded gravel Sandy, med/coarse gravel			
	10	420	Sandy, med/coarse gravel Sandy, med/coarse gravel			
	20	430	Sandy, med/coarse gravel			
4	20	430	Conduction of Access access			

430 440 Sandy, med/coarse gravel

440	450	Sandy coarse gravel	
450	460	Sandy coarse gravel	
460	470	Silty, clayey sand with some gravel	
470	480	Sandy gravel	
480	490	Gravel with some sand	
490	500	Dark gray, medium sand	
500	510	Dark gray medium and coarse sand	
510	520	Dark gray, medium sand with gravel	
520	530	Coarse gravel with some sand	
530	540	Med/coare sand and gravel	
540	550	Med/coarse gravel with sand	
550	560	Sand and gravel	
560	570	Sand and gravel	
570	580	Med/coarse gravel with sand	
580	590	Med/coarse sand with gravel	
590	600	Medium to coarse gravel with sand	
600	610	Medium to coarse gravel with sand	
610	621	Medium to coarse gravel with sand	
621	627	Medium/dark brownish-gray silty clay	
627	635	Dark yellowish-gray silty clay	
635	640	Medium gray, silty micaceous sand	
640	650	Light brownish-gray silty clay w/ some mica and Mn-oxides (black spots)	
650	660	Bluish gray clay w/ some mica	
660	670	Medium yellowish gray silty clay w/ mica	
670	680	Medium yellowish gray silty clay w/ mica	
680	690	Medium yellowish gray silty clay w/ some mica	
690	700	Medium yellowish gray silty clay w/ some mica	
700	710	stiff blue gray clay	
710	720	stiff blue gray clay with some borwn	
720	730	silt and sand, blue gray clay with some brown	Received
730	732	wet blue gray silt with black fine to coarse sand	
732	739	silty gray stiff clay	JUL 25 2025
739	749	wet blue gray silt with black sand	
749	759	blue gray silt and sand	OWRD
759	769	wet blue gray silty sand	OWID
769	770	Cobbles and Gravel	
770	775	Cobbles/gravel with some dark gray silt	
775	779	Black, coarse sand with some silt and gravel	
779	784	Mostly black (a few pieces of other colored), angular, coarse sand with fine	gravel and some silt
784	789	Subangular to rounded gravelly sand; more felsic than above sample	
789	794	SAA w/ cobbles	
794	818	Dark, sandy gravel with large cobbles	
818	834	Gray, fine-medium micaeous sand	DECEIVED DV OWER
834	852	Blue-Gray, fine-medium micaeous sand; finer than above	RECEIVED BY OWRD
852	857	Blue-Gray, silty, fine-medium micaeous sand; some gravel	
857	872	Blue-Gray, silty, fine-medium micaeous sand; some gravel	APR 1 8 2016
872	876	Sandy-silt .	
876	877	Silty clay with a little gravel	SALEM, OR
877	883	Black sand with silt	C, LELIVI, On



JUL 2 5 2025

OWRD



Received

JUL 25 2025

OWRD

July 23, 2025

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

Subject: Application for Permit Amendment to G-18850

Please find enclosed with this letter an Application for a Permit Amendment, on behalf of the Rockwood Water People's Utility District and the City of Gresham. This Permit Amendment Application is being submitted to add additional Points of Appropriations (APOAs) for municipal water supply.

Also included is an application and fee to have the permit amendment processed under the Reimbursement Authority.

Please do not hesitate to contact me at RCook@gsiws.com with questions about the enclosed Permit Amendment application.

Respectfully submitted,

Robyn Cook, RG, CWRE

GSI Water Solutions, Inc.

Cc: Kari Duncan - Rockwood Water People's Utility District

Mike Whitely - City of Gresham

Enclosures:

Application for Permit Amendment

Application for Reimbursement Authority

Check No. 56605 in the amount of \$2,250 (for the permit amendment application)

Check No. 56685 in the amount of \$410 (for an additional APOA)

Check No. 56606 in the amount of \$125 (RA Application)