

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

MULT 136609

WELL I.D. LABEL# L138848
 START CARD # 1045834
 ORIGINAL LOG # _____

(1) LAND OWNER Owner Well I.D. Cascade 8
 First Name _____ Last Name _____
 Company Rockwood Water PUD
 Address 19601 NE Halsey ST.
 City Portland State OR Zip 97320

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

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)
 Depth of Completed Well 1,200 ft.
 BORE HOLE

Dia	From	To	Material	SEAL	From	To	Amt	sacks/ lbs
48	0	57	Cement		0	57	451	S
							Calculated	360
28	57	1,000	Cement		0	1,000	8,705	Gallons
							Calculated	8,536

How was seal placed: Method A B C D E
 Other _____
 Backfill placed from _____ ft. to _____ ft. Material _____
 Filter pack from 986 ft. to 1,200 ft. Material Silica Sand Size 10-20
 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
<input checked="" type="checkbox"/>	<input type="checkbox"/>	30		0	58	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	24	<input checked="" type="checkbox"/>	3	354	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	24		354	1,000	.500	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	16		985	990	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	16		1,000	1,130	.375	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

 Shoe Inside Outside Other Location of shoe(s) 1,195
 Temp casing Yes Dia 20 From 0 To 1,200

(7) PERFORATIONS/SCREENS
 Perforations Method _____
 Screens Type V-Wire Material 304 SS

Perf/S	Casing/ Screen	Liner	Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size
Screen	Liner	16	990	1,000		.035			
Screen	Liner	16	1,130	1,195		.035			

(8) WELL TESTS: Minimum testing time is 1 hour
 Pump Bailer Air Flowing Artesian

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)
1,085	137.6	480	3

 Temperature 64 °F Lab analysis Yes By GSI Water Solutions
 Water quality concerns? Yes (describe below) TDS amount 140 mg/L

From	To	Description	Amount	Units

(9) LOCATION OF WELL (legal description)
 County MULTNOMAH Twp 1 N N/S Range 2 E E/W WM
 Sec 35 NE 1/4 of the SE 1/4 Tax Lot 4700
 Tax Map Number _____ Lot _____
 Lat _____ " or _____ DMS or DD
 Long _____ " or _____ DMS or DD
 Street address of well Nearest address
311 NE 141st Ave Portland, OR 97320

(10) STATIC WATER LEVEL

Existing Well / Pre-Alteration	Date	SWL(psi)	+	SWL(ft)
Completed Well	03-30-2021			327

 Flowing Artesian? Dry Hole?
 WATER BEARING ZONES Depth water was first found 50

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)
03-30-2021	1,125	1,200	1,000			327

(11) WELL LOG Ground Elevation 325

Material	From	To
See Attached Formation Log	0	1,200
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OWRD		

Date Started 01-06-2020 Completed 04-16-2021
(unbonded) Water Well Constructor Certification
 I certify that the work I performed on the construction, deepening, alteration, or abandonment of this well is in compliance with Oregon water supply well construction standards. Materials used and information reported above are true to the best of my knowledge and belief.
 License Number 2040 Date 05-24-2021
 Signed [Signature]

(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 05-24-2021
 Signed [Signature]
 Contact Info (optional) _____

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Cascade 8 Summary Borehole Log

Troutdale Gravel Aquifer (TGA)	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
	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
Troutdale Sandstone Aquifer (TSA)	690 - 720	silty SAND, slight gravel, weakly cemented
	720 - 740	clayey SAND, slight gravel, weakly cemented
	740 - 770	silty SAND, slight gravel, strongly cemented
	770 - 780	clayey SAND, slight gravel, weakly cemented
Confining Unit 2 (CU2)	780 - 830	CLAY, trace gravel
	830 - 840	SILT, slight sand and gravel
	840 - 1020	CLAY, trace gravel
Sand and Gravel Aquifer (SGA)	1020 - 1030	well graded, micaceous clayey SAND
	1030 - 1040	well graded micaceous SAND
	1040 - 1050	weakly cemented silty SAND
	1050 - 1060	well graded non cemented SAND
	1065 - 1075	silty SAND, poorly graded and weakly cemented
	1075 - 1085	poorly graded, non-cemented SAND
	1085 - 1125	silty SAND, some fines, moderately cemented
	1125 - 1200	poorly graded SAND, little fines, non-cemented

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