STATE OF OREGON

MULT 136598

WELL I.D. LABEL# L	138847
START CARD#	1046640
ODICINAL LOC#	

WATER SUPPLY WELL REPORT	
(as required by ORS 537 765 & OAR 690-	205-0210

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

(as required by ONS 357.765 & OTTR 676-203-0216)	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	County MULTNOMAH Twp 1 N N/S Range 3 E E/W	wM
Address 1333 NW EASTMAN PARKWAY	Sec 32 NE 1/4 of the NW 1/4 Tax Lot 5400	***1*1
City GRESHAM State OR Zip 97030 (2) TYPE OF WORK New Well Deepening Conversion	Tay Man Number	
(2) TYPE OF WORK New Well Deepening Conversion	Tax Map Number Lot Lat " or 0 DMS or 1 Long " or 0 DMS or 1	<u>DD</u>
Alteration (complete 2a & 10) Abandonment(complete 5a)	Lat or 0	מס
(2a) PRE-ALTERATION	Street address of well Nearest address	עכ
Dia + From To Gauge Stl Plstc Wld Thrd Casing:	Street address of well (Nearest address	\neg
	1087 NE 188TH AVE. PORTLAND OR 97030 WITH IN KIRK PARK	
Material From To Amt sacks/lbs Seal:		
(3) DRILL METHOD	(10) STATIC WATER LEVEL	
Rotary Air X Rotary Mud Cable X Auger Cable Mud	Date SWL(psi) + SWL(ft)	
X Reverse Rotary Other	Existing Well / Pre-Alteration	
Reverse RotaryOther	Completed Well 04-02-2021 210	
(4) PROPOSED USE Domestic Irrigation X Community	Flowing Artesian? Dry Hole?	
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) PODE HOLE CONCEDUCTION CONTRACTOR CONTRA	() - ··=(-)	_
(5) BORE HOLE CONSTRUCTION Special Standard (Attach copy)	04-02-2021 720 907 2500 + 210	4
Depth of Completed Well 855 ft.		4
BORE HOLE SEAL sacks/ Dia From To Material From To Amt lbs		4
48 0 58 Cement 0 58 688 S		4
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 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		4
Explosives used: Yes Type Amount		-
(5a) ABANDONMENT USING UNHYDRATED BENTONITE		-
Proposed Amount Pounds Actual Amount Pounds		\dashv
110001		1
(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrd		1
● 24 × 3 387 .375 ● ×		
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$		_
16 705 710 .375 X		-
16 720 740 .375 X		\dashv
Shoe Inside XOutside Other Location of shoe(s) 718		\dashv
Temp casing \overline{X} Yes Dia 20 From 0 To $\overline{723}$		\dashv
		7
(7) PERFORATIONS/SCREENS		٦
Perforations Method Screens Type WIRE WRAP Material SS	D + C+ + 102 24 2020	
Screens Type WIRE WRAP Material SS Perf/S Casing/ Screen Scrn/slot Slot # of Tele/	Date Started 03-24-2020 Completed 04-15-2021	
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	ı, or
Screen Liner 16 740 850 .035	abandonment of this well is in compliance with Oregon water supply	
	construction standards. Materials used and information reported above are tru	e 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 Word	
Pump Bailer Air Flowing Artesian	orgined	
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 abandon	ment
	work performed on this well during the construction dates reported above. All	
	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 bel-	ief.
Water quality concerns? Yes (describe below) TDS amount 110 mgl	License Number 1523 Date 5/24/2021	
From To Description Amount Units	M	_
	Signed Signed	_
	Contact Info (optional)	
	1	

WATER SUPPLY WELL REPORT - continuation page

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ORIGINAL LOG#		

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2a) PRE-ALTERATION			Water Q	uality Conce	rns			
Dia + From To	Gauge Stl Plstc Wle	d Thrd	From	То	Description	An	nount	Units
					1			
	+-+ R + H	\vdash						
Material From	To Amt sacks	/lbs						
Waterial Troni	10 Anti sacks	103						
			(10) STA	TIC WATE	PIFVFI			
5) BORE HOLE CONST	RUCTION		SWL Dat			Flow SWL(ps	+ (is	SWI (ft)
BORE HOLE	SEA	Sacks/					ı I]
Dia From To	Material From	To Amt lbs					$\exists \sqsubset$	
		Calandata					-	
		Calculated					$\dashv \vdash$	
		Calculated					$\exists \vdash$	
		Calculated					$\dashv\vdash$	
		Calculated						
FILTER PACK From To Materia	al Size		(11) WEI	LL LOG				
From To Materia	SIZE			Material		From		То
					<u> </u>			
6) CASING/LINER		-						
	E T- C	C41 pt . W/11 T1 1						
Casing Liner Dia +	From To Gauge	Stl Plstc Wld Thrd						
<u> </u>	850 855 .375	\odot \bigcirc \times \square						
		X H H						
		AHH						
		K A H H						
						-		
N PERFOR A THOMAS OF	NEED IC							
7) PERFORATIONS/SCF	REENS							
Perf/S Casing/ Screen creen Liner Dia From	Scrn/slot To width	Slot # of Tele/ length slots pipe size						
Creen Emer Dia From	i 10 widiii	length slots pipe size						
			-					
			Commer	nts/Remark	S			
(8) WELL TESTS: Minin	num testing time is	1 hour						
	_							
Yield gal/min Drawdown	Drill stem/Pump dep	oth Duration (hr)						
		1	1.1					

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Kirk Park Summary Borehole Log

CIRCLE CONTROL					
	0 - 280	sandy GRAVEL, increasingly cemented with depth			
Troutdale Gravel Aquifer (TGA)	280 - 298	silty to clayey, poorly sorted GRAVEL			
Confining Unit 1 (CU1)	298 - 445	clayey SILT, intermitent clayey sands			
T	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			
Γ	760 - 810	coarse GRAVEL, some sand			
	810 - 855	poorly sorted coarse SAND, some muscovite and gravel			
	855-865	well graded/poorly sorted GRAVEL, little silt, trace muscovite			
Sand and Gravel Aquifer	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 organimicaceous			
Γ	885-890	SANDSTONE and SILTSTONE with trace gravel			
_	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			