STATE OF OREGON WATER SUPPLY WELL REPORT

(as required by ORS 537.765)

(WELL I.D.)# L 67932 (Amended) (START CARD) # 167503 MULT 75286

Instructions for completing this report are on the last page of this form. (9) LOCATION OF WELL by legal description: Well Number TGA Well (1) OWNER: Longitude County Multnomah Latitude **Name Portland State University** Ε s WM. Township_1 Range 1 Address P.O. Box 751 1/4 NW 1/4 SE City Portland Zip 97201 Section 3 State OR Tax Lot 90006 Block Subdivision Lot (2) TYPE OF WORK Street Address of Well (or nearest address) 900 SW 4th Ave, Portland, OR ✓ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment (3) DRILL METHOD: 97201 (10) STATIC WATER LEVEL: Rotary Air Rotary Mud Cable Auger Date 12-08-04 126.8 ft. below land surface. **✓**Other **Reverse Circulation** lb. per square inch Date Artesian pressure (4) PROPOSED USE: (11) WATER BEARING ZONES: **Industrial** Irrigation Community Domestic Livestock Other Thermal Injection Depth at which water was first found 128 (5) BORE HOLE CONSTRUCTION: Special Construction approval Yes V No Depth of Completed Well 240 SWL Estimated Flow Rate From To Explosives used Yes No Type Amount 126.8 195 128 HOLE SEAL To Material Sacks or pounds Diameter From 112 20" 0 240 cement 0 240 210 cement (12) WELL LOG: $\Box B$ **▼**C \Box D Ground Elevation \Box A Method How was seal placed: Other SWL From To ft. to 115 Material sugar sand Material ft. Backfill placed from 112 SEE ATTACHED SOIL PROFILE SHEETS Size of gravel 3/8 pea ft. to 210 fì 115 Gravel placed from (6) CASING/LINER: Plastic Welded To Gauge Diag Casing: 16" 0 160 .375 V V .375 Z 16" 210 240 Z Liner: Final location of shoe(s) (7) PERFORATIONS/SCREENS: Perforations Method Type Wire Wrap Material Stainless **✓** Screens Slot Tele/pipe Diameter 210 .06 160 Ш APR 0 4 2005 WATER RESOURCES DEPT. Salem, Oregon Completed 12-23-04 Date started 08-17-04 (8) WELL TESTS: Minimum testing time is 1 hour (unbonded) Water Well Constructor Certification: Flowing I certify that the work I performed on the construction, alteration, or abandonment ☐ Air Artesian Bailer Pump 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 Time Drill stem at Yield gal/min SEE ATTACHMENT 1 hr. and belief. WWC Number 1523 Date 04-01-05 Signed (bonded) Water Well Constructor Certification: Temperature of water 58 F Depth Artesian Flow Found I accept responsibility for the construction, alteration, or abandonment work rformed on this well during the construction dates reported above. All work rformed during this time is in compliance with Oregon water supply well Was a water analysis done? Yes By whom performed on this well during the consperformed during this time is in comple Did any strata contain water not suitable for intended use? ye to the best of my knowledge and belief s report Salty Muddy Odor Colored Other dards. Th construction sta WWC Number 1523 Date 04-01-05 Signed

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STATE OF OREGON WATER SUPPLY WELL REPORT

	ctions fo			port are on	the las	t page of this form.	15 20 (START CARD)#	
(1) OW						mber TGA Well	(9) LOCATION OF WELL by legal description:	
		State U	Iniversity	,	von Iva	11001	County Multnomah Latitude Longitude	
Address								WM.
City Por				State OR		Zip 97201	Section_3 NW 1/4_SE 1/4	
(2) TYI		VORK	,				Tax Lot 90006 Lot Block Subdivision	
New '	Well [Deepen	ing 🗀 Altera	tion (repair/	recondi	tion) 🔲 Abandonment	Street Address of Well (or nearest address) 900 SW 4th Ave, Portland	, OR
New Well Deepening Alteration (repair/recondition) Abandonment (3) DRILL METHOD:							97201	
✓ Rotar	y Air	Rota	ary Mud] Cable	Aug	ger	(10) STATIC WATER LEVEL:	
Other					······································		126.8 ft. below land surface. Date 12-08-04	
(4) PR(Artesian pressurelb. per square inch	
☐ Dome			ımunity 📿			Irrigation	(11) WATER BEARING ZONES:	
Thern		Inje		Livestock		Other	5-4 5-4 128	
			ONSTRUCT				Depth at which water was first found 128	
						mpleted Well 240 ft.	From To Estimated Flow Rate	SWL
-		Yes	✓ No Typ		A	Amount	From 10	126.8
	HOLE	_		SEAL	æ	G		
Diameter 20"	From 0	To 240	Materia cement	ıl From 0	To	Sacks or pounds		
20	-	240	cement	210	240			
	-	 	Cement		1			
	 	 					(12) WELLLOG:	
How was	seal pla	red:	Method	ПАГ]B [ZC D E	Ground Elevation	
	ner				. ·			
		om 11	2 ft. to 11	15 ft.	Mate	rial sugar sand	I Waterial	SWL
Gravel p					Size	of gravel 3/8 pea	SEE ATTACHED SOIL PROFILE SHEETS	
(6) CA								
	Diameter	Fre	m To G	auge Steel	Plasti	ic Welded Threaded		
Casing:1	6"	0	160 ,3	375 🗸		\mathbf{Z}	RECEIVED	
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Final loc							SALEM, OREGON	
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✓ Sc	reens	Sla	Type Wire	Wrap	M Tele/p	aterial Stainless	RECEIVED	
From	To	siz	Number	Diameter	size	e Casing Liner	I HEOFIVED	
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				ļ	-		SALEM, OREGON	
				l	<u> </u>		UNITED STATES	
(8) WE	LLTES	2TS- 1	Ainimum te	eting time	is 1 ho	าขะ	Date started 08-17-04 Completed 12-23-04	
(0) WE	יכו ו כוכו) 1 (). 1	A TITLITUILL CO	oring min			(unbonded) Water Well Constructor Certification:	
∏Pu	mn		Bailer	∏Air		Flowing Artesian	The state of the second I performed on the construction alteration or aband	onment
	gal/min		rawdown	Drill st	em at	Time	of this well is in compliance with Oregon water supply well construction stand Materials used and difformation reported poove are true to the best of my know	vledge
	<u> </u>			SEE ATT	ACHME	NT 1 hr.	and belief.	
							WWC Number 1523	
							Signed Date Date)5
Tempera	ture of w	vater 58	F	Depth Artes	ian Flov	v Found	(bonded) Water Well Constructor Certification:	
•	ater analy			es By who	n		I accept responsibility for the construction, alteration, or abandonment wor	'К k
		•	iter not suitab			Too little	performed on this well during the construction dates reported above. All worl performed during this time is in compliance with Oregon water supply well construction standards. The report is purfue the best of my knowledge and be	v. c
			Odor []				construction standards. The report is fue to the best of my knowledge and be	ellet.
Depth of							WWC Number 1523 Date 01-19-0	05
			<u></u>				Signed 10	
ORIGIN	IAL & I	FIRST	COPY-WAT	ER RESO	URCES	S DEPARTMENT SI	COND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER	



Geo-Tech Explorations
A Division of Boart Longyear
19700 SW Teton Ave
Tualatin, OR 97062
503-692-6400
503-692-4759 (fax)

RECEIVED

JAN 20 2005

WATER RESOURCES DEPT SALEM, OREGON

Start Card: 167503
Well Label: L67932
Boring #: TGA Well

Well Tests:

Injection	Pump	Air	Yield GPM	Drawdown/Rise	Depth Tested	Time
			800 gpm	33 ft. Rise		12 hrs

Water Bearing Zones:

Depth at which water was first found: 128 ft.

From	То	Specific Capacity	SWL
128	195	Specific Capacity 24 gpm/ft	126.8

Soil Profile Continued from Log:

Material	From	To	SWL	
Topsoil	0	2'		
Silty sand – brown		2	95	
Gravels large		95	116	
Gravels & sand		116	128	
Gravels & sand		128	175	WB
Large gravels & sand		175	195	WB
Cemented gravels (hard)	195	200		
Basalt (fractured)	200	209		
Basalt & grey clay	209	211		
Basalt & clay (grey to brown)	211	213		
Basalt (grey, fractured)	213	217		
Basalt (grey/brown, soft, conglomerate)	217	226		
Basalt (fractured, some weathering)	226	228		
Basalt (grey, fractured w/ green seams)	r 228	239		
Basalt (grey, fractured, vesicular)	239	240	TD	