

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

(WELL I.D.)# L 68432

(START CARD) # 161700

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

(1) OWNER: Well Number Bear Creek

Name City of Portland
Address 1120 SW 5th Ave
City Portland State OR Zip 97204

(2) TYPE OF WORK

New Well Deepening Alteration (repair/recondition) Abandonment

(3) DRILL METHOD:

Rotary Air Rotary Mud Cable Auger
 Other

(4) PROPOSED USE:

Domestic Community Industrial Irrigation
 Thermal Injection Livestock Other test well

(5) BORE HOLE CONSTRUCTION:

Special Construction approval Yes No Depth of Completed Well 615 ft.
Explosives used Yes No Type _____ Amount _____

HOLE				SEAL			
Diameter	From	To	Material	From	To	Sacks or pounds	
10"	0	21'	cement	0	21'	9 sacks	
6"	21'	615'					

How was seal placed: Method A B C D E
 Other _____
Backfill placed from _____ ft. to _____ ft. Material _____
Gravel placed from _____ ft. to _____ ft. Size of gravel _____

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing	6"	+ 1	21'	250	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Liner:					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Final location of shoe(s) _____

(7) PERFORATIONS/SCREENS:

From		To	Slot size	Number	Diameter	Material	Tele/pipe size	Casing	Liner
								<input type="checkbox"/>	<input type="checkbox"/>

(8) WELL TESTS: Minimum testing time is 1 hour

Yield gal/min	Drawdown	Drill stem at	Time
125		610'	1.5
60		280'	1.5

Temperature of water 56 F Depth Artesian Flow Found _____
Was a water analysis done? Yes By whom Goldner Associates
Did any strata contain water not suitable for intended use? Too little
 Salty Muddy Odor Colored Other above seal
Depth of strata: 7' to 10'

(9) LOCATION OF WELL by legal description:

County Multnomah Latitude _____ Longitude _____
Township 1 S Range 6 E WM.
Section 17 NE 1/4 NE 1/4
Tax Lot 1700 Lot _____ Block _____ Subdivision _____
Street Address of Well (or nearest address) Adjacent to water tower above and to the north of Bull Run Dam #1

(10) STATIC WATER LEVEL:

158 ft. below land surface. Date 1-12-04
Artesian pressure _____ lb. per square inch. Date _____

(11) WATER BEARING ZONES:

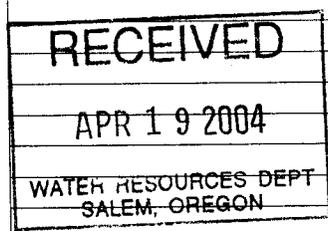
Depth at which water was first found 7'

From	To	Estimated Flow Rate	SWL
SEE ATTACHED PAGE			

(12) WELL LOG:

Ground Elevation _____

Material	From	To	SWL
SEE ATTACHED PAGE			



Date started 12-23-03 Completed 1-12-04

(unbonded) Water Well Constructor Certification:
I certify that the work I performed on the construction, 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.
Signed [Signature] WWC Number 1523
Date 3-31-04

(bonded) Water Well Constructor Certification:
I accept responsibility for the construction, 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.
Signed [Signature] WWC Number 1464
Date 4/13/04



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

Well Name: Bear Creek
 Start Card #: 161700
 Label #: L68432

(11) Water Bearing Zones

Depth at which water was first found 7 ft.

From	To	Est. Flow Rate	SWL
7'	10'	trace	---
153'	160'	Trace	158'
440'	461'	25 gpm	158'
472'	511'	40 gpm	158'
559'	567'	50 gpm	158'
608'	610'	50 gpm	158'

(12) Well Log

Material Description	From:	To:
Gravel Base	0	2'
Brown Clay	2'	7'
Broken rock - loose	7'	11'
Black basalt - medium	11'	62'
Hard basalt - gray	62'	131'
Medium basalt green / black	131'	136'
Hard basalt - gray	136'	144'
Medium green claystone	144'	153'
Black fractured basalt	153'	160'
Hard black basalt	160'	285'
Medium/hard black basalt	285'	297'
Hard black basalt	297'	321'
Medium black basalt	321'	328'
Inner bed	328'	336'
Hard black basalt	336'	440'
Soft basalt - black / gray	440'	461'
Hard basalt - gray	461'	472'

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 SALEM, OREGON

Soft brown inner bed	472'	511'
Hard basalt - gray	511'	559'
Softer fractured black basalt	559'	567'
Hard basalt - gray	567'	573'
Soft basalt - black	573'	581'
Hard black basalt	581'	608'
Basalt - highly fractured	608'	610'
Hard black basalt	610'	615'

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WATER RESOURCES DEPT
SALEM, OREGON