CLAC 59771

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DEC 19 2003
WATER RESOURCES DEPT
SALEM, OREGON

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 L58712
(START CARD) # 156527

(1) OWNER:
Well Number StoneCreek#2
Name Clackamas County
Address 9101 SE Sunnybrook Blvd
City Clackamas State OR Zip 97015

(2) TYPE OF WORK
☑ New Well ☐ Deepening ☐ Alteration (repair/recondition) ☐ Abandonment

(3) DRILL METHOD:
☐ Rotary Air ☑ Rotary Mud ☑ Cable ☐ Auger
☑ Other Reverse Rotary

(4) PROPOSED USE:
☐ Domestic ☐ Community ☐ Industrial ☑ Irrigation
☐ Thermal ☐ Injection ☐ Livestock ☐ Other

(5) BORE HOLE CONSTRUCTION:
Special Construction approval ☑ Yes ☐ No Depth of Completed Well 1230 ft.
Explosives used ☐ Yes ☑ No Type Amount

HOLE Diameter	From	To	SEAL Material	From	To	Sacks or pounds
19"	0	801'	Cement	0	360	315 sacks
12"	801	1230'	Cement	751	801	44 sacks
				950	965	6 sacks

How was seal placed: Method ☐ A ☐ B ☑ C ☐ D ☐ E
☑ Other Inside out through bottom of casing (Middle Seal)
Backfill placed from 965 ft. to 980 ft. Material Gravel/Sand
Gravel placed from ft. to ft. Size of gravel

(6) CASING/LINER:

	Diameter	From	To	Gauge	Steel	Plastic	Welded	Threaded
Casing:	14"	+1	801'	.375	☑	☐	☑	☐
	12"	+1.5	960'	.375	☑	☐	☑	☐
	8"	944	1227	.250	☑	☐	☑	☐
					☐	☐	☐	☐
Liner:					☐	☐	☐	☐
					☐	☐	☐	☐

Final location of shoe(s) 12"-960', 8"-1227.1'

(7) PERFORATIONS/SCREENS:
☑ Perforations Method Factory
☐ Screens Type Material steel

From	To	Slot size	Number	Diameter	Tele/pipe size	Casing	Liner
974.4'	1053.7			8"		☑	☐
1065.7	1149.2			8"		☑	☐
1165.3	1227.1			8"		☑	☐
						☐	☐
						☐	☐

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

Yield gal/min	Drawdown	Drill stem at	Time
			1 hr.
35 gpm	400'		2 hrs

Temperature of water 57 F Depth Artesian Flow Found
Was a water analysis done? ☐ Yes By whom
Did any strata contain water not suitable for intended use? ☐ Too little
☐ Salty ☐ Muddy ☐ Odor ☐ Colored ☐ Other
Depth of strata:

(9) LOCATION OF WELL by legal description:
County Clackamas Latitude Longitude
Township 3 S Range 2 E WM.
Section 21 SE 1/4 NW 1/4
Tax Lot 2100 Lot Block Subdivision
Street Address of Well (or nearest address) 14603 S. Stone Ridge Dr., Oregon City, OR

(10) STATIC WATER LEVEL:
340 ft. below land surface. Date 9-12-03
Artesian pressure lb. per square inch. Date

(11) WATER BEARING ZONES:
Depth at which water was first found 850' (mud rotary drilling in upper hole)

From	To	Estimated Flow Rate	SWL
850	856	Reverse Circ Drilling	
1003	1023	Hole flooded, estimate	
1130	1151	unavailable-see well	
1211	1220	test below.	

(12) WELL LOG:
Ground Elevation

Material	From	To	SWL
brown clay	0	19	
grey sandstone	19	51	
brown & red clay	51	64	
brown clay w/ claystone	64	121	
grey / red clay	121	138	
red claystone	138	163	
grey clay	163	197	
grey clay w/ coarse sand	197	215	
grey clay w/ fine sand	215	230	
grey clay	230	251	
green clay w/ claystone	251	290	
grey clay	290	380	
green clay w/ coarse sand	380	430	
grey/green clay w/ sand	430	506	
grey green clay w/ wood	506	573	
grey/green clay	573	670	
sand, coarse to medium w/ grey clay	670	710	
blck coarse to med. sand, gry clay w/ wood	710	779	
grey clay	779	801	
SEE ATTACHMENT FOR REMAINDER			

Date started 6-5-03 Completed 10/30/03

(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.
WWC Number 1523
Signed Date 11/30/03

(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.
WWC Number 1464
Signed Date 11/30/03

ORIGINAL & FIRST COPY-WATER RESOURCES DEPARTMENT SECOND COPY-CONSTRUCTOR THIRD COPY-CUSTOMER

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Stone Creek Well # 2

Continuation of Subsurface Materials

Material	From	To
Sandstone	805	810
pea gravels / grey clay	810	832
Grey clay stone	832	835
Grey sandy siltstone	835	838
Green/grey siltstone (Med.)	838	843
Grey/ brown fractured siltstone	843	850
Siltstone w/ sand – pea gravels	850	856
Packed sand (med.)	856	871
Sand/ pea gravel packed w/ clay lenses	871	889
Grey silt w/ wood	889	891
Siltstone w/ sticky clay grey	891	930
Grey/brown silty clay	930	960
Basalt grey	960	979
Basalt decomposed	979	995
Med/hard weathered basalt grey	995	1003
Fractured vesicular basalt grey	1003	1023
Soft Basalt / brown clay	1023	1061
Grey basalt – hard	1061	1069
Grey basalt – med/hard	1069	1094
Grey basalt w/ pin holes	1094	1130
Grey vesicular basalt – soft	1130	1151
Grey basalt w/ seems of brown clay	1151	1166
Grey basalt – med.	1166	1178
Broken grey basalt	1178	1185
Grey basalt – med/hard	1185	1205
Weathered basalt – med	1205	1211
Broken basalt	1211	1216
Cubed basalt – caving	1216	1230