

STATE OF OREGON

WATER SUPPLY WELL REPORT

(as required by ORS 537.765 & OAR 690-205-0210)

05-06-2008

WELL LABEL # L 59040

START CARD # 197771

(1) LAND OWNER Owner Well I.D. L59040

First Name Last Name Company CITY OF TROUTDALE Address 104 SE KIBLING ST City TROUTDALE State OR Zip 97060

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

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

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

(5) BORE HOLE CONSTRUCTION Special Standard Attach copy

Table with columns: Dia, From, To, Material, SEAL, From, To, Amt, sacks/lbs. Includes entries for Bentonite Chips and Cement.

How was seal placed: Method A B C D E Other Poured from surface Backfill placed from ft. to ft. Material Filter pack from ft. to ft. Material Size Explosives used: Yes Type Amount

(6) CASING/LINER Casing Liner Dia + From To Gauge Stl Plstc Wld Thrld Shoe Inside Outside Other Location of shoe(s) Temp casing Yes Dia From To

(7) PERFORATIONS/SCREENS Perforations Method Screens Type Material

Table with columns: Perf/S, Casing/Screen, Liner, Dia, From, To, Scrn/slot width, Slot length, # of slots, Tele/pipe size

(8) WELL TESTS: Minimum testing time is 1 hour Pump Bailer Air Flowing Artesian Yield gal/min Drawdown Drill stem/Pump depth Duration (hr)

Table with columns: Temperature, Lab analysis, Water quality concerns, From, To, Description, Amount, Units

(9) LOCATION OF WELL (legal description)

County Multnomah Twp 1.00 N N/S Range 3.00 E E/W WM Sec 25 NW 1/4 of the SW 1/4 Tax Lot 3400 Tax Map Number Lot Lat Long Street address of well Nearest address

ADJACENT TO 342 SW 4TH ST; CITY SHOP, TROUTDALE, OR 97060

(10) STATIC WATER LEVEL Date SWL(psi) + SWL(ft)

Table with columns: Existing Well / Predeepening, Completed Well, Flowing Artesian?, Dry Hole?

WATER BEARING ZONES Depth water was first found

Table with columns: SWL Date, From, To, Est Flow, SWL(psi), + SWL(ft)

(11) WELL LOG Ground Elevation

Table with columns: Material, From, To

Date Started 01-07-2008 Completed 04-09-2008

(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.

License Number 1672 Date 05-06-2008 Electronically Filed Signed TERRY M MCCOY JR (E-filed)

(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.

License Number 1523 Date 05-06-2008 Electronically Filed Signed ROBERT STADELI (E-filed) Contact Info (optional)

**(5) BORE HOLE CONSTRUCTION**

BORE HOLE			SEAL				sacks/ lbs
Dia	From	To	Material	From	To	Amt	

**FILTER PACK**

From	To	Material	Size

**(10) STATIC WATER LEVEL**

**Water Bearing Zones**

SWL Date	From	To	Est Flow	SWL(psi)	+	SWL(ft)

**(6) CASING/LINER**

Casing Liner	Dia	+	From	To	Gauge	Stl	Plstc	Wld	Thrd
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			
○ ○						○ ○			

**(7) PERFORATIONS/SCREENS**

Perf/S creen	Casing/ Liner	Screen Dia	From	To	Scrn/slot width	Slot length	# of slots	Tele/ pipe size

**(11) WELL LOG**

Material	From	To

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

Yield gal/min	Drawdown	Drill stem/Pump depth	Duration (hr)

**Comments/Remarks**

Perforate existing 12" casing from 71' down to 436'. Place 10" liner from +1' down to 438'. Cement grout from 98.2' down to 438'. Bentonite chips from 0 to 98.2'. 8" tool guide/liner from 430' down to 471'.

**Water Quality Concerns**

From	To	Description	Amount	Units

Map of well



Oregon

Theodore R. Kulongoski, Governor

January 17, 2008

BOART LONGYEAR  
ROBERT STADELI #1523  
19700 SW TETON  
TUALATIN OR 97062

Water Resources Department  
North Mall Office Building  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266  
503-986-0900  
FAX 503-986-0904

FINAL ORDER

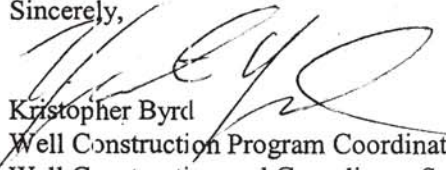
Dear Robert:

The Special Standard request you submitted for owner: City of Troutdale, Start Card number 197771, is hereby approved for the following: You may repair this well in the following manner: Thoroughly perforate 12"-inch casing with eight vertical rows of perforations from a depth of 438 feet bgs to land surface. It is not necessary to perforate the previously sealed intervals as indicated on the original Well Report (Mult 1340). The perforations shall be verified by running a camera down the well prior to placing inner casing and grout in the well. It is your responsibility to video the well. A ten inch inner casing shall then be placed inside the twelve inch casing down to a depth of 438 feet bgs. The ten inch casing shall extend to land surface. The annular space between the 12"-inch casing and the 10"-inch casing shall then be sealed with cement grout using method A,B or D from a depth of 438 feet bgs to land surface. The 12"-inch casing shall be extended to at least one foot above land surface. An eight inch liner may then be placed down over the top of the six inch casing. The eight inch liner shall extend at least eight feet up into the 10"-inch casing. All other well construction requirements apply. Your Special Standard request form is enclosed. This method was discussed with Terry McCoy Jr on January 16, 2008..

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions concerning this letter, please contact me at (503) 986-0851, or by e-mail at [Kristopher.R.Byrd@wrp.state.or.us](mailto:Kristopher.R.Byrd@wrp.state.or.us).

Sincerely,

  
Kristopher Byrd  
Well Construction Program Coordinator  
Well Construction and Compliance Section

enclosure

cc: Joel Jeffery, NW Region Well Inspector  
File

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.

Map of well



**Oregon**

Theodore R. Kulongoski, Governor

**Water Resources Department**

North Mall Office Building  
725 Summer Street NE, Suite A  
Salem, OR 97301-1266

503-986-0900

FAX 503-986-0904

February 13, 2008

BOART LONGYEAR  
ROBERT STADELI #1523  
19700 SW TETON  
TUALATIN OR 97062

**FINAL ORDER**

Dear Robert:

The Special Standard request you submitted for owner: City of Troutdale, Start Card number 197771, is hereby approved for the following: You may seal the annular space between the 10" casing and the 12" casing from a depth of 98.2 ft bgs with unhydrated bentonite chips (3/8th inch). Prior to placing the unhydrated bentonite in the annular space the water in the annular space shall be removed. The placement of the bentonite shall conform to the manufacturers specifications and result in a seal that is free of voids or bridges. Care shall be taken to minimize the introduction of bentonite dust. All other well construction requirements apply. Your Special Standard request form is enclosed. This method was verbally approved on February 11, 2008.

The Well Construction Standards serve to protect ground water resources. By approving and issuing this special construction standard the Oregon Water Resources Department is not representing that a well constructed in accordance with this condition will maintain structural integrity or that it meets engineering standards. The well constructor/or landowner is responsible for ensuring that a well is constructed in a manner that protects ground water resources as required under Oregon Administrative Rules 690-200 through 690-240.

If you have any questions concerning this letter, please contact me at (503) 986-0851, or by e-mail at [Kristopher.R.Byrd@wr.d.state.or.us](mailto:Kristopher.R.Byrd@wr.d.state.or.us).

Sincerely,

Kristopher Byrd  
Well Construction Program Coordinator  
Well Construction and Compliance Section

enclosure

cc: Joel Jeffery, NW Region Well Inspector  
File

This is a final order in other than contested case. This order is subject to judicial review under ORS 183.484. Any petition for judicial review must be filed within the 60 day time period specified by ORS 183.484(2). Pursuant to ORS 536.075 and OAR 137-004-0080 you may either petition for judicial review or petition the Director for reconsideration of this order. A petition for reconsideration may be granted or denied by the Director, and if no action is taken within 60 days following the date the petition was filed, the petition shall be deemed denied.