

January 26, 1994

Oregon

*en*

WATER  
RESOURCES  
DEPARTMENT

Steve Stadeli  
Westerberg Drilling, Inc.  
36728 S Kropf Road  
Molalla, OR 97038

Dear Steve:

The Water Resources Department has received your request for special standards on the The Dalles city well located in Township 1N, Range 13E, Section 3 of Wasco County (start card number 51424).


Due to the presence of highly porous basalt, you are proposing to abandon the above well in the following fashion:

Backfill open basalt hole from bottom of well (186 feet) to the bottom of the existing 12 inch casing (51 feet) with bentonite chips. The upper 51 feet will be perforated and pumped full of cement grout.

Your request is approved with the following condition: a tamping bar or weighted line shall be used during bentonite placement to ensure no bridging develops.

If you have any questions concerning this letter, please contact me at the address or phone number listed below.

Sincerely,



Rob Carter  
Well Construction Specialist

cc: Larry Toll, Watermaster  
Brian Mayer, Well Inspector

c:\wp51\ss94\dalles



3850 Portland Rd NE  
Salem, OR 97310  
(503) 378-3739  
FAX (503) 378-8130

# Westerberg Drilling Inc.

SINCE 1946

To: Rob Carter

From: Steve Stadeli

FAX Number: 378-3739

FAX Number: 829-7514

Company: Water Resources Dept.

Date: 1/25/94

# of Pages(including cover) 6

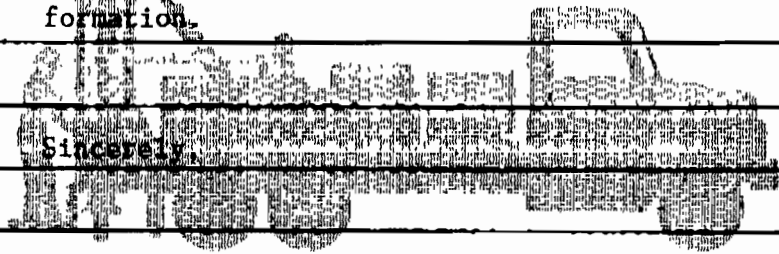
Message: Rob

Enclosed is a request for special construction standards for the abandonment of the "CITY HALL WELL" for the city of The Dalles. I sent you a copy of the well log and spoke to you about this about 2 weeks ago.

Westerberg Drilling Inc. has been awarded the contract to perform this work. Also included is a copy of the start card and a copy of the well log and copy of the water right application. Please contact me if you need further information.

Sincerely,

Steven N. Stadeli



*Handwritten scribble or signature at the bottom left corner.*

*State of Oregon*  
*Water Resources Department*

REQUEST FOR WRITTEN APPROVAL TO USE CONSTRUCTION METHODS NOT  
INCLUDED IN OREGON ADMINISTRATIVE RULES 690-200 THROUGH 690-240

Before request can be considered, the following must be answered.

Requests shall be submitted to the Well Construction Specialist, Water Resources Department, 3850 Portland Road NE, Salem, OR 97310. Requests may also be considered by the appropriate Regional Manager.

Date of request: January 25, 1994

Bonded Well Constructor (or permitted land owner): Westerberg

Drilling Inc. Steven N. Stadel # 688.

(1) Location of Well: SW      1/4 NW      1/4 of Section      3

Township 1N, Range 13E,      Wasco      County.

Address at well site: 313 Court St. The Dalles Or. 97058

(2) Name and Address of Land Owner: City of The Dalles Oregon

313 Court ST. The Dalles Oregon 97058

(3) The distance to the nearest well, septic tank or drainfield:

Unknown if any

(4) The unusual conditions existing at the site: Old well

to be abandoned. (See enclosed well log and information).

(5) The proposed construction methods that the well constructor believes will be adequate for this well.

Back fill open rock hole from bottom (approx. 186') up

to bottom of casing ( approx 51'), with course bentonite

chips. Thoroughly perforate existing 12" casing in place and

pump full of cement grout from bottom of casing back to

surface.

W-am



STATE ENGINEER  
Salem, Oregon

3E(1)  
State Well No. 18/13-58(2)  
County Wasco  
Application No. \_\_\_\_\_

Well Log

"City Hall Well"

Owner: The Dalles City Water Commission Owner's No. \_\_\_\_\_

Driller: G. E. Scott Date Drilled December 1923

CHARACTER OF MATERIAL	(Feet below land surface)		Thickness (feet)
	From	To	
Clay	0	12	12
Takima Basalt			
Rock, Flaty	12	19	7
Basalt, black	19	30	11
Clay, blue	30	61	31
Basalt, black	61	62	1
Basalt, grey, dense	62	66	4
Basalt, black, dense	66	92	26
Basalt, grey, very dense	92	135	43
Basalt, soft, water bearing	135	148	13
Basalt, black, dense	148	180	32
Basalt, black, soft, waterbearing	180	200 1/2	20 1/2
Static level -21 ft.			
<p><u>Rob.</u></p> <p><u>THIS WELL WAS ORIGINALLY</u></p> <p><u>DRILLED AT STREET LEVEL. THE</u></p> <p><u>GROUND WAS EXCAVATED AND THIS WELL</u></p> <p><u>IS NOW IN THE BASEMENT OF THE</u></p> <p><u>CITY HALL. THE ACTUAL FIGURES</u></p> <p><u>FOR DEPTH ARE OFF BY ABOUT 10--</u></p> <p><u>15 FEET.</u></p>			

11-29

STATE ENGINEER  
Salem, Oregon

EXPLORATION WELL  
Well Record

30 ( STATE WELL NO. 1M/11-5  
COUNTY Wasco  
APPLICATION NO. 6R-4

"City Hall Well"

OWNER: The Dalles City Water Commission MAILING ADDRESS:

LOCATION OF WELL: Owner's No. CITY AND STATE:

1/4 NW 1/4 Sec 3 T. 1 N. R. 13 W. W.M.

Bearing and distance from section or subdivision corner In lat. 6 Block 6 of original Dalles City

Altitude at well 99'

TYPE OF WELL: Drilled Date Constructed 1921

Depth drilled 200' Depth cased 62'


Section 3

CASING RECORD:

14 inch diameter

FINISH:

Open well below casing

AQUIFERS:

Porous basalt

WATER LEVEL:

-22.4'

PUMPING EQUIPMENT: Type Centrifugal H.P.  
Capacity 2,500 G.P.M.

WELL TESTS:

Drawdown 5.5 ft after 2-3 hours 2,500 G.P.  
Drawdown ft after hours G.P.

USE OF WATER Municipal Temp. 65 1/2 °F

SOURCE OF INFORMATION U.S.G.S. W.S.P. 659B

DRILLER or DIGGER G. E. Scott

ADDITIONAL DATA:

Log  Water Level Measurements  Chemical Analysis  Aquifer Test

REMARKS:

At N. W. corner City Hall, water level referred to ground.

<b>FOR WATER RESOURCES DEPARTMENT USE ONLY</b>	
Date Postmarked _____	<b>W-51424</b>
Date Hand-delivered _____	WRD Receipt _____
Watermaster Initials _____	Date Fee Received _____

CHECK NO. \_\_\_\_\_

## START CARD

### NOTICE OF BEGINNING OF WELL CONSTRUCTION

(as required by ORS 537.762)

This form must be completed, signed by both the owner (or authorized agent) and constructor, and the original mailed or delivered to the Water Resources Department, 3850 Portland Road NE, Salem, OR 97310, no later than the day construction, alteration, conversion or abandonment work begins. A \$75 fee shall accompany all notices for new well construction or conversion of an existing hole not previously used as a water well (make checks payable to the Water Resources Department). Notices meeting this requirement but received without the required fee will not be accepted as properly and timely filed. The Water Resources Commission has authority to impose civil penalties for failure to submit the required \$75 fee with the start card and for failure to submit cards prior to beginning any construction, alteration, conversion or abandonment work.

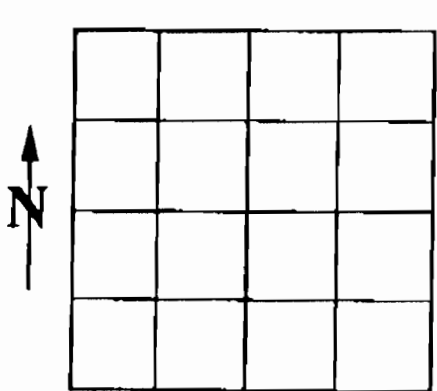
Owner's name and mailing address City of the Dalles  
313 Court ST  
The Dalles Or. 97058

Check type of work: Fee Required  New construction  Conversion  
 No Fee Required  Repair  Deepening  Recondition  Abandonment

Proposed Commencement Date 1-31-94 Existing or Proposed Well Depth 186 Diameter 12"

Check Use:  Domestic  Community  Industrial  Irrigation  Monitoring  
 Thermal  Injection  Other \_\_\_\_\_

Proposed Well Location: County Wasco Owner's Well Id. No. \_\_\_\_\_  
 Township 1N (N or S) Range 13E (E or W) Section 3



1. SW 1/4 of NW 1/4 of above section
2. Street address of 313 Court ST.  
well location The Dalles Or. 97058
3. Tax lot number of well location 500
4. Attach map with location identified.  
(See reverse of this form for approved maps)
5. Show well location within 1/4, 1/4 of section grid at left.

We hereby certify that we have read the back of this form, and that to the best of our knowledge the information provided herein is accurate and the well is being properly located from septic tanks, septic drain fields and other hazards. ( See #2 on back)

Owner's signature \_\_\_\_\_  
City of The Dalles Or.  
 Title \_\_\_\_\_ Date 296-5401  
 Home phone \_\_\_\_\_ Work phone \_\_\_\_\_

Stan N. Stadel  
 Bonded Water / Monitor Well Constructor  
 License No. 688  
 Company Westerberg Drilling Inc.

**NOTE: This is not a water right application. The owner is responsible for obtaining a water right through the Water Resources Department, if required.**

**THIS COPY TO WATER RESOURCES DEPARTMENT IN SALEM**