



# Oregon

Theodore R. Kulongoski, Governor

EV

## 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 7, 2006

GREGORY DRILLING INC  
CHAD GREGORY #10451  
17609 NE 70TH ST  
REDMOND, WA 98052

### FINAL ORDER

Dear Chad:

The Special Standard request you submitted for owner: Kevin Cavanaugh, Start Card number 184556 is hereby approved for the following: You may construct this well within 48 feet from a sanitary sewer line and 20 feet from a storm drain. However, the well must have a minimum surface seal depth of 25 feet bgs. If a deeper surface seal is required to meet the minimum standards based on site conditions then a deeper surface seal shall be placed. The well may also be placed in an underground vault. The vault shall be constructed to the ODWR recommended standards that were included with your Special Standard request. The vault must be watertight and it shall have a two inch drain to daylight (See OAR 690-210-0030 and 690-210-0250). All other construction standards must be adhered to. Your Special Standard request form is enclosed. This Special Standard only addresses the minimum well construction standards. DEQ regulates UIC systems and should be contacted regarding any UIC. I would also urge the landowner to contact the local Watermaster to address any water use or quantity issues.

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@wrdd.state.or.us.

Sincerely,

Kristopher Byrd  
Well Construction Program Coordinator  
Enforcement 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.



Injection Well (I-1)  
(Sanitary Sewer Setback)

## Oregon Water Resources Department

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

Before the request can be considered, this form must be completed. Requests shall be submitted to the Well Construction Specialist, Water Resources Department, 725 Summer Street NE, Suite "A", Salem OR 97301-1271. Requests may also be considered by the appropriate Regional Manager.

Date of request: 2/1/06 Oral approval date (if applicable): \_\_\_\_\_

Bonded Well Constructor (name, license #, and mailing address): Chad Gergory (Gergory Drilling Inc)

License # 1824 17609 NE 70th ST, Redmond, WA 98052

(1) Location of Well: NE 1/4 SW 1/4 Tax lot 5200 Section 35,  
Township 1 N, Range 1E, Multnomah County  
Address at well site: 1111 E Burnside St. Portland, Or 97214

(2) Start Card Number(s)(for work to be done): 184556

(3) Name and Address of Land Owner: Kevin Cavanaugh: 3435 NE 45th Ave., Suite J.  
Portland, OR 97213

(4) Distance to the nearest septic tank, drainfield, closed sewage line (if water supply well)  
It is 48' to nearest closed sewage lateral. The closest point is where the sewerline emerges from beneath the building (see attached map). No known septic tank or drainfields exist on the property.

(5) The unusual site conditions which necessitate this request: Restricted lot size and lack of appropriate locations for wells to produce adequate separation for low temperature geothermal wells (see attached site map)

(6) The proposed construction methods that the bonded well constructor believes will be adequate for this well: (attach additional pages if needed)

ODWR Setback Requirements (690-210-003) are 50' for closed sewage drainage system. The proposed

well is 48' from the sanitary sewer line. Protection of the groundwater will involve putting in a 25' surface seal through a 22 foot-thick natural silt layer at the surface. Groundwater table is 90 feet below grade.

It seems unlikely sewage would migrate through the 22-foot silt layer and through another 68' feet to the water table. No water will be pumped from this well, this is an injection well.

W  
SL  
Remarks: Vault; too close to sewer line; close to <sup>storm</sup> drain

- (7) Diagram showing the pertinent features of the proposed well design and construction:  
(attach additional pages if needed)

1. Site Map

2. Well Construction Map

3. GEOTECH SOIL BORING LOG.

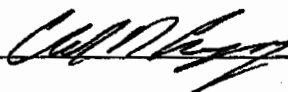
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PLEASE NOTE:

- (1) 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.
- (2) If it should be determined at some future date that the well, due to its construction, is allowing ground water contamination, waste or loss of artesian pressure, the undersigned shall return to the site and rectify the problem.
- (3) If oral approval was granted, a written request must be submitted to the Department either within three (3) working days of the date of oral approval or prior to the completion of the associated well work. Failure to submit a written request as described above may void prior oral approval.

I have read and understand the above information. I further attest that the information provided is accurate to the best of my knowledge.

Bonded Constructor Signature: \_\_\_\_\_



revised 11/03/2003