

# Well Said

Vol. 1 No. 18  
February 2004

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**Please share with others in your organization**



**Well Said**

Oregon Water Resources  
Department

*"Well Said" is a production of the Oregon Water Resources Department's Enforcement Section and is designed to inform the drilling industry and the public about program activities and other items of interest.*

Questions or suggestions concerning this newsletter can be directed to Tracy Eichenlaub at (503)986-0851, or by e-mail: tracy.l.eichenlaub@wrdd.state.or.us.

**ENFORCEMENTS OF 2003**



In 2003, well inspectors submitted 11 formal enforcement referrals dealing specifically with well construction activities. This is considerably higher than 2002, when only 6 formal enforcement referrals were forwarded to the Enforcement Section. Civil penalties totaled approximately \$9,000 and, in some cases, included license suspension. Suspensions averaged about 30 days. In 2002, civil penalties totaled approximately \$14,500. In 2003, the Department has seen a rise in material misstatement of fact on well reports.

The majority of the enforcement actions are settled through stipulated agreements and final orders.

Pictures of some of the well construction violations our inspectors are finding are included in this *Well Said*.

**STAFF CHANGES**

Dorothy Pedersen, the NW Region Monitor Well Inspector, has accepted a job rotation position in the Department's Transfer Section, processing water right transfers. The rotation is scheduled through June 30, 2005.

As of February 2, 2004, Amy Kim, is the new NW Region Monitor Well Inspector. Amy has a Bachelors Degree in Geology from Southern Oregon University. Prior to working for the Department she was employed by the Oregon Dept. of Transportation as a Geologist.

**CONTINUING EDUCATION APPROVED COURSES**

At its January 22, 2004, meeting the Continuing Education Committee approved the following courses:

*Understanding and Drilling Lava Formations* 8 CECs. Course date is March 20, 2004, Redmond, Oregon. Contact: Larry Crawford 541-676-8002. **This class has been postponed indefinitely.** Watch the website or *Well Said* for a new date.

The following courses were approved for the Idaho Ground Water Association's Jan. 8-10, 2004, Conference:

- GW Fallacies & Forecasts* 1.5 CEC
- Job Costing* 1 CEC
- Arsenic Sampling-Testing New Regulations* 1 CEC
- Earthquakes & Their Effect on ID GW & Wells* 1 CEC
- Electrical Rules & Regulation Updates* 0.50 CEC
- Profit & Loss* 0.50 CEC
- Vertical Movement of GW* 0.50 CEC
- Contract Law* 1.5 CECs

The following courses were approved for the Oregon Ground Water Association's Spring Technical Seminar Feb. 6 & 7, 2004:

- Rules Update & Changes/Oregon Continuing Education Update, etc.* 2 CECs - Oregon gw/well laws category
- Is Your Drug Testing Program in Compliance?* 1 CEC- safety/first aid/CPR category

*Shared Well Agreements, Contracts, Water Rights, Water Right Transfers, Water Law & Current Water Issues* 2 CECs

*Safe Drilling & Excavating Practices - What You Need to Know About "Call Before You Dig"* 1 CEC

*Drilling Fluids Workshop* 4 CECs

*Submersible Motor Workshop* 2 CECs

*Water Treatment Workshop - Problem Water Applications* 2 CECs

*Radial & Axial Thrust - The Importance of Proper Pump Sizing* 1 CEC

*Law Changes That Affect the Electrical Program/Minor Labels* 0.50 CEC

*What You Need to Know About the Construction Contractors Board* 0.50 CEC

Continuing Education Committee approved courses are posted on the Department's web page at: [www.wrd.state.or.us/cgi-bin/notices.pl?cont\\_ed](http://www.wrd.state.or.us/cgi-bin/notices.pl?cont_ed).

### **BOND INCREASE**

The Water Supply Well Constructor Bond and the Monitoring Well Constructor Bond increased to \$10,000 effective January 1, 2004. Bonding companies may issue a rider or a new bond. Please contact Laurie if you have questions regarding the new bond amount.

### **2004 LICENSE EXAM SCHEDULE and LOCATION**

The well constructor licensing exam schedule for the rest of 2004 is as follows:

April 12\*

July 12

October 11

\*Starting April 12, 2004, the exam will be held at the Department's Salem office in Conference Room 124.

Please submit your application and exam fee to Laurie in advance.

Study packets are available on the Department's website at:

[www.wrd.state.or.us/groundwater/index.shtml](http://www.wrd.state.or.us/groundwater/index.shtml).

### **NEW GROUND WATER LIMITED AREA**

At its regular meeting on November 20, 2003, the Water Resources Commission adopted rules to designate the Amity Hills/Walnut Hill Ground Water Limited Area (GWLA) in Yamhill County. The rules do not impact current existing uses of ground water. The restrictions only apply to new ground water uses from the Columbia River Basalt aquifer. The rules limit new uses to exempt uses and limited licenses to establish a crop pursuant to ORS.537.143. The rules also make minor "housekeeping" and renumbering changes.

The Amity Hills/Walnut Hill GWLA's southern boundary is one mile north of the Yamhill/Polk County line; the northern boundary is approximately seven miles north of the Yamhill/Polk County line. The area's western boundary is Highway 99W; the eastern boundary is the Willamette River.

The new rules are on the Department's website at: [www.wrd.state.or.us/files/Publications/Notices/new\\_oars/Div%20502%20-%20Willamette%20Basin.pdf](http://www.wrd.state.or.us/files/Publications/Notices/new_oars/Div%20502%20-%20Willamette%20Basin.pdf)

For more information contact: Bill Fujii at (503) 986-0887.

### **UPCOMING RULEMAKING**

The Department is proposing to amend rules in OAR Chapter 690, Divisions 200, 205 and 240 regarding water supply and monitoring wells and geotechnical holes.

The draft proposed rules address 2003 Legislative changes and address some rule clarification and modifications suggested by the 2002 Rules Advisory Committee. Some of the amendments include clarifying some of the definitions; allowing the use of latitude and longitude on well reports or geotechnical hole reports instead of the Township, Range, Section and 1/4 1/4 section; clarifying regulation of piezometers; adding examples of "cased permanent geotechnical holes" and "slope stability geotechnical holes"; and modifying the requirement for submitting a "Geotechnical Hole Report" for certain slope stability geotechnical holes.

The *Notice of Opportunity to Comment* and draft proposed rules are available on the Department's website at: [www.wrd.state.or.us/cgi-bin/notices.pl?oar\\_notices](http://www.wrd.state.or.us/cgi-bin/notices.pl?oar_notices).

### **SPECIAL AREA STANDARD LAKEVIEW**

The Oregon Office of Energy (OOE) has identified a ground water aquifer in the Goose Lake Basin as a potential threat to the public safety. In order to protect the public, OOE asked that the Department adopt Special Area Well Construction Standards.

The final proposed draft rules that will be brought in front of the Water

Resources Commission at its March meeting will require deeper casing and sealing requirements for any new, altered or deepened well within an Institutional Control Boundary. The standards are intended to prevent commingling of contaminated and uncontaminated aquifers and to ensure the safe development of ground water.

**WELL SAID ON THE WEB**

Starting with this issue of the *Well Said*, the *Well Said* will be available on the Department's web page at:  
[www.wrd.state.or.us/groundwater/index.shtml](http://www.wrd.state.or.us/groundwater/index.shtml).

Individuals who are on Tracy's e-mail notification list will receive an e-mail notifying you that a new issue of the *Well Said* is available.

Speaking of the \*e-mail notification list, if you are not yet on that list and would like to be, send Tracy your e-mail address with a request to be placed on that list.

If you do not have access to a computer don't worry, a mailing list will still be maintained and you will still receive information through the postal service.

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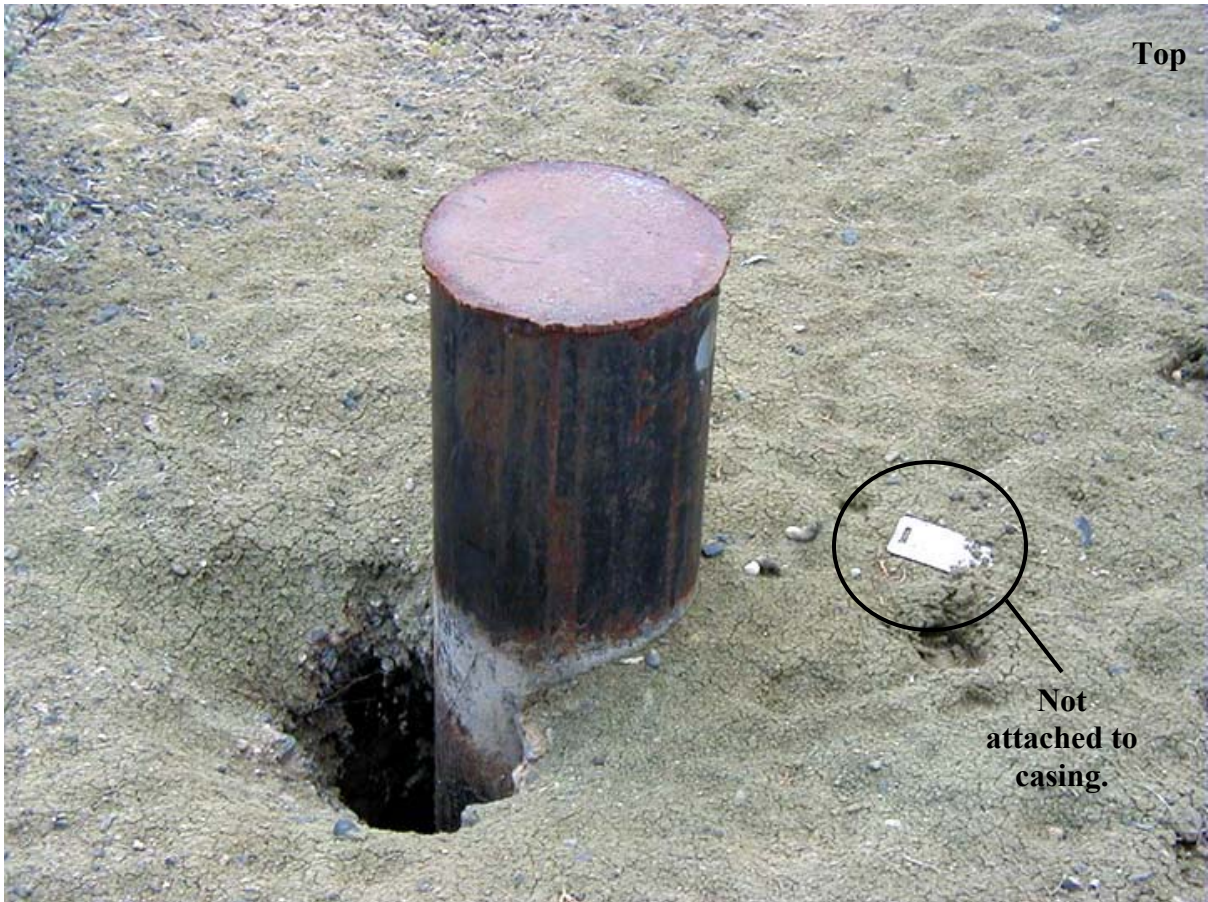
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Top

Shattered PVC liner pipe scattered on the ground.



Top

Void in surface seal.





Top

Well dug with backhoe. When well was completed, driller back-filled pit without the benefit of a surface seal. Well casing did not meet standard.



Top

Well was sealed from 0-10 feet with bentonite. No seal was found below 10 feet.





Hole was cut in casing to place pitless adaptor and then glued back together.



Picture taken to show depth below the plastic tarp that I was able to run my tape down along the casing in the annular space after probing along side of the casing.