

Kerry Kavanagh

From: Kris Byrd
Sent: Friday, June 10, 2011 11:11 AM
To: Kerry Kavanagh
Subject: RE: Application G-17267 -- proposed basalt well may be in area of LUST - leaking underground storage tank

Hi Kerry,

I am going to complete a standard review of this file, but I also wanted to mention that I am not going to recommend any special conditions to be included in the permit. The construction of the well seems adequate to prevent contaminant migration.

Thanks.

Kristopher R. Byrd, Coordinator
Well Construction Program
Well Construction and Compliance Section
Oregon Water Resources Department
(503) 986-0851 Direct Line
(503) 986-0902 Fax
Were on the Web: www.wrd.state.or.us

From: Kerry Kavanagh
Sent: Wednesday, June 01, 2011 2:36 PM
To: Joshua Hackett; Kris Byrd
Cc: Kerry Kavanagh
Subject: Application G-17267 -- proposed basalt well may be in area of LUST - leaking underground storage tank

Hi Josh and Kris,

Because the applicant proposed either an alluvial well OR a basalt well, Josh completed two Public Interest Reviews on December 8, 2009 – one for an alluvial well and the other for a basalt well.

Here is the link to gw review for the alluvial well: http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?Type=WRFolder&folder_image_id=25846

Here is the link to gw review for the basalt well: http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?Type=WRFolder&folder_image_id=25847

The December 8 2009 reviews concluded that ground water produced from the alluvial well will have the potential for substantial interference (PSI) with surface water. Subsequently, the January 8, 2010 Initial Review described summary of findings for both an alluvial well and a basalt well. Because of the PSI finding, the IR was sent to the watermaster, ODFW, and DEQ for Division 33 comments.

DEQ noted that the well location is within a high priority LUST facility – and recommended that the well be sited to limit risks to the basalt groundwater aquifer and human health – ie, do not create a conduit for the flow of contaminated groundwater and mitigate risks to human health.

The applicant subsequently stated that they will pursue the basalt well.

Here is a link the IR: <http://apps.wrd.state.or.us/apps/misc/vault/vault.aspx?>

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QUESTION: Are there any special conditions that you would recommend be included in a permit, if issued, to ensure that no contamination occurs? Or, are the current minimum well construction standards designed to take this into account?

Please advise. I will be preparing the PFO soon.

Thanks for your help!

Kerry