

## State of Wyoming Mail - Fwd: Linc UCG Permit Aquifer Exemption

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Thanks Kevin, appreciate your input. We have determined that the Overburden and Underburden aquifers will not be impacted by contaminants. However, we evaluate all risks, however remote the possibility. As you know, even a temperature change could be considered an impact by EPA Class III regulations, although not Wyoming's. Our goal is to completely understand the regulatory framework so we can ensure compliance in all aspects.

I had a question on this comment: "EPA also allows degradation of a USDW (and adjacent aquifers) so long as the degradation occurs within the boundaries of the exempted area"; specifically the "and adjacent aquifers" part.

I will call you to discuss.

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Principal Hydrogeologist



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**From:** Kevin Frederick [mailto:kevin.frederick@wyo.gov]  
**Sent:** Friday, August 24, 2012 4:09 PM  
**To:** David L. Smith  
**Cc:** Don Fischer; Mark Rogaczewski; John Wagner; Nancy Nuttbrock  
**Subject:** Re: Linc UCG Permit Aquifer Exemption

David,

Please find attached a copy of your draft and my related margin comments....you can view these in the 'Review' mode of Word.

Regarding the Overburden and Underburden aquifers and the need for an aquifer exemption - have Linc/DEQ determined that the aquifers will be impacted by contaminants (as described in your analysis), or is that question still on the table? We should have those questions resolved before any discussions with EPA.

Please give me a call after your review and we'll discuss how to proceed. Thanks...

Kevin Frederick, P.G.  
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