

Bjornsen, Alan

From: Cash, John [John.Cash@ur-energyusa.com]
Sent: Wednesday, April 21, 2010 12:43 PM
To: Bjornsen, Alan
Cc: Kelsey, Charles; Heili, Wayne
Subject: RE: Lost Creek SEIS

Alan,

Let me start with item two since we are still working on resolving this issue. The USFW and WDEQ-LQD have expressed concerns about not netting the ponds. However, our analysis shows that the water in the ponds will remain relatively clean since it is a holding pond as opposed to an evaporation pond. Our review of literature reveals that the level of deleterious constituents in the holding ponds will likely remain below levels of concern for migratory and local birds. I am concerned that if we use netting over the ponds that the rather clumsy sage grouse will just become entangled in it and we will have no way to safely retrieve them. Nonetheless, our engineers are considering the use of a floating cover to keep birds off the ponds. I hope to have an answer from them by this Friday regarding whether or not they recommend the use of such a system. I will let you know as soon as I know.

For item 1 the following items can be updated in Table 1-2 of the Draft SEIS:

1. Line 1; The Plan of Operations was submitted to the Rawlins BLM Field Office on November 17, 2009. The BLM subsequently published a Notice of Availability on January 20, 2010.
2. Line 5; The Wyoming Department of Environmental Quality-Water Quality Division issued a Draft Class I UIC Permit on March 26, 2010. The comment period ends on April 26, 2010 after which, depending on the nature of the comments, a final permit should be issued.
3. Line 9, The application to the State Engineer's Office (SEO) was submitted on February 16, 2010. The SEO requested some clarifications which have been provided. Based on discussions I had with the project manager yesterday, the review is continuing.
4. Line 11; The application to construct a septic system was approved by Sweetwater County along with the Development Plan (Line 14) on December 1, 2009.
5. Line 12; The Wyoming Department of Environmental Quality-Air Quality Division issued the final air quality permit on January 4, 2010.

For items 3 and 4 the differences are caused by a change to the permit boundary. Late in the review process the LQD required us to extend the permit boundary to include the east and west access roads. By including the access roads we increased the permit area from 4,220 to 4254 acres and the total disturbance from 285 to 324. The inclusion of the road adds a total of 34 additional acres of disturbance plus a slight buffer of 5 acres. Please keep in mind that these disturbance areas include both real disturbance and areas that are impacted. Within the disturbance area there will be areas of vegetation and soil left intact but they are included in the area anyway. These disturbance values will probably not be consistent with how the Sage Grouse Implementation Team will require disturbances to be calculated.

We are still working on calculating the CO2 emissions from the plant. The number will be relatively small but we are double checking our assumptions and calculations.

Hope this helps.

John

From: Bjornsen, Alan [<mailto:Alan.Bjornsen@nrc.gov>]

Sent: Tuesday, April 20, 2010 11:56 AM

To: Cash, John

Subject: Lost Creek SEIS

Good morning, John (well, at least it is still morning for you). I have a few question (which should be rather easy to answer:

1. Can you please give me an update on Table 1-2 of the SEIS (Environmental Approvals)
2. Does UR-Energy plan to put netting over the 2 storage ponds?
3. The license application states the size of the project as 4,220 acres, the POO states the project area as being 4,254 acres - which is correct?
4. The license application also states the amount of surface disturbance as 285 acres, but the POO states it as being 324 acres

Well, that's all for now, I might have some more, later. Thanks.

Alan B. Bjornsen

Environmental Project Manager

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