



Paul Weese/R9/USDAFS

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To Lois Demarco/R9/USDAFS@FSNOTES

cc Robert Stovall/R9/USDAFS@FSNOTES, Sheldon J
Winters/R9/USDAFS@FSNOTES, Colleen M
Kelly/R9/USDAFS@FSNOTES, James
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bcc

Subject Duhring Resource Company - Lots 9 and 12 - June 4, 2007
Field Notes (Draft)

Hello Lois,

Lauren Miles, OGM administrator on the Marienville District, and I went to the field today (June 4, 2007) with DEP representatives, Joe Umholtz, Ken Scott and a geologist from the Meadville office, to review Duhring Resource Company's well package proposals in Lots 9 and 12. We only reviewed the sites on the steep slopes, and were not able to review the sites near the wetlands in Lot 7 that have been moved since a Forest Service representative has last reviewed the area. To interpret the notes below, please get copies of the most up-to-date maps submitted by Duhring from Colleen. Our findings/recommendations are below:

- Well D-28: Even though this proposed well site is near Rock Run, the location of the well site is not located on a severe side slope (~<30%). The vegetation in the area is mature hemlock. This well site was thought to be accessible.
- Well D-29: This proposed well site is on a steep side slope (~45%). If the well was built as planned (the DEP received a permit application with the well staked on the steep slope), the area of disturbance would be less than 100 feet from Rock Run, consequently, Duhring would need to submit a waiver application to the DEP. DEP representatives do not believe that a waiver could be granted and/or permitted unless Duhring would move the proposed well site approximately 80 feet. By doing this, the toe of the fill slope would be contained on a bench with moderate side slope.
- Well D-27: This proposed well site is approximately 145 feet from Rock Run, and is located on a side slope of approximately 45%. DEP and Forest Service representatives at this field meeting do not think this site can be constructed without severely impacting Rock Run because there is not enough area, when taking into consideration the steep side slope, between the proposed development and Rock Run to effectively dissipate the run-off. In short, DEP and Forest Service representatives think this site is inaccessible as it is currently planned.
- Well D-26: This proposed well site is approximately 210 feet from Rock Run, and is located on a side slope of approximately 45%. The concerns for this site are the same as for Well D-27.
- Well D-25: This proposed well site is now located on a moderate side slope, and is being accessed from an existing road from above. DEP and Forest Service representatives at this field meeting thought this well site was accessible as it is currently planned.
- Well 12-2: This proposed well site is on a steep side slope (~50%). When taking into consideration the topography of the area, DEP and Forest Service representatives at this meeting thought this well site was inaccessible as it is currently planned. DEP representatives thought this well site needed to be moved at list 300 feet up slope to protect the water quality of Rock Run.

In addition to the proposed development, we visited three stream crossings along Rock Run. Two of these crossings are along non-system roads and one is along Forest Road 148. All of these crossings need to be replaced at some point to mitigate impacts to Rock Run. The Forest Road 148 crossing is planned for replacement through a timber sale road package connected with the Martin Run EIS. However, it is in between the two non-system road stream crossings.

If you need additional information, please let me know.

Take care,

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Paul

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