



File M2020041

1 message

Nancy Duplan <scubanancy@yahoo.com>
To: drms.temp@state.co.us

Wed, Sep 9, 2020 at 1:35 PM

September 9, 2020

Colorado Division of Reclamation, Mining and Safety
1313 Sherman St
Denver, CO. 80203
Re: Application by Peak Ranch Resource. (File No. M2020041)

To Whom it May Concern,

I am writing to seek Party status regarding Peak Materials proposed plan to dig a gravel Pit along Highway 9. I am a resident of Elk Run, the housing area that Peak Materials failed to recognize as an development affected by the mine. There are 30 homesites built on this terminus of a glacier from the Ute Mountains 73,000,000 years ago. This Cretaceous layer of Pierre Shale according to nrc.gov has a confining layer.

“Compared with ground -water flow rates in the aquifers, small leakage in the confining layer can be quite small (as in household wells). However the confining layer leakage can be important. Over large areas with significant vertical hydraulic gradients, even very small hydraulic conductivity permit significant amounts of leakage, this leakage in turn may control the regional flow.”

Pictures say a thousand words. This is a photo of the water in the bottom of my 500 gal storage tank in July 2020. I hauled water for a month before my well recovered from current drought conditions affecting all Colorado. The neighbor next door drilled 3 wells before he could get water for his new home and even then the well production is at a slow rate. This is not unusual for the neighborhood. Many people had to dig more than once to get a producing well and even those residents living here for many years had to re-dig wells.

To quote Peak Ranch application to the mining board:

“Peak Materials, first and foremost, is committed to protecting the quality and quantity of water in the Blue River, IN THE ALUVIAL AQUIFIER UNDERLYING THE PERMIT PROPERTY, AND IN NEARBY GROUND WELLS.”

The application should stop right here. Their study only includes 600 ft. within their proposed pit. If you remove 400,000 ton of rock yearly for 10 years this will substantially disturb the wells within more than 600 ft.

I could voice many more objections but I feel I do not need to. Any conscientious member of the board would deny this permit on the total misrepresentation of its effect on the community. Thank you for your consideration of my equal status with Peak Resources to the ability to have well water in this contiguous alluvial plain.

Sincerely,

Nancy Duplan, CRNA

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Household members 2

Sent from my iPhone



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