Exhibit 45

From: Melissa Bautz
To: BJ Kristiansen

Subject: Re: Status of Ramaco mine permit?

Date: Monday, December 12, 2016 2:58:12 PM

Attachments: image.png

## OK, thanks!

On Mon, Dec 12, 2016 at 2:06 PM, BJ Kristiansen < bj.kristiansen@wyo.gov > wrote:

The permit may be issued by the middle of February, assuming no serious objections arise during the public notice period. The first public notice was printed last week, on the 7th of December. I expect comments and some objections, due to the underground component, but haven't got a sense of how impactful they will be. We will know more by the end of the end of January. We've been working on this for 3 years so a permit would be a nice way to start the new year.

-bi

On Mon, Dec 12, 2016 at 11:19 AM, Melissa Bautz < melissa.bautz@wyo.gov > wrote:

BJ

Hello. This is Melissa with AML in Lander. AML has been doing some minor seismic/geophysics work in the area of the Taylor Quarry (see screen shot below) this fall in order to evaluate subsidence risk of infrastructure suspected of being undermined. The field work is almost completed and AML will have a Report of Investigation summarizing our findings by about mid January 2017.

Inline image 1



Green line along road to Taylor Quarry = seismic line. Green circles with blue rectangle = another seismic project intended to image under the tower without disturbing it with drilling.

AML was contacted by Mr. Niles Veal today regarding our work there. Specifically, Niles would like a copy of the ROI when it is complete and he'd like to open the door of communication between AML and Ramaco (via himself, at least for now). That is all background information.

I was just curious if you have a sense of when the LQD permit will be approved

and ready for groundbreaking?

Thanks in advance. Melissa

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