



INTEROFFICE MEMORANDUM

To: Zach Trujillo
Copy: Jason Musick, Michael Cunningham
From: Rob Zuber *Rob D. ZH*
Subject: Request to review TR-122 for Bowie #2 (geotechnical portion)
Date: November 24, 2020

Zach –

Please let me know if you have time to review TR-122 for the Bowie No. 2 Mine. Do not review the portion regarding surface drainage; I will review that myself. I want you to lend your geotechnical engineering expertise to the portion related to the new design for the underdrain. I would like your review by December 21, 2020, but let me know if that will not work for you.

The current design has two underdrains under Gob Pile #3. With TR-122, they are proposing that the eastern underdrain be moved and placed along the upgradient toe of the gob pile to divert water around the pile. I asked our Coal “elders” (Jim, Jason, Janet) if that has been done at other mines. So far, it appears that this underdrain configuration is unusual, and I suspect that we have no precedent to follow here. We need to follow the rules (obviously) as well as science and engineering (also obvious) to complete our adequacy.

For your review, the most relevant files under TR-122 in Laserfiche are:

- Map 15-3
- TR-122 Submittal Document text, especially the cover letter and page 7
- Volume XI Page 4b-Layout 1.

Thanks in advance for your help. Let me know if you want to discuss anything about this TR and the related parts of the Bowie #2 PAP.

