

From: [Ryan Stairs](#)
To: [Schirato, Michael](#)
Cc: [Woomer, Gerald](#); [McMullen, Shawn](#); [Spencer Svonavec](#); [Heather Leydig](#); [Christian Yoder](#); [Seese, Cory](#); [Brian Verwelst](#)
Subject: [External] Re: Rockwood Quarry - Follow-up Items
Date: Tuesday, August 5, 2025 12:43:02 PM
Attachments: [Module 13.5 Addendum - Pond Operation & Maintenance Plan.pdf](#)
[Rockwood 8.1a's updated 8.5.25.pdf](#)
[Module 10 page 4 updated 8-5-25.pdf](#)
[Schirato Email - Rockwood Stone - Utilities.pdf](#)

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Mike,

Please see our responses below and the associated attachments:

- 1) 8.1A attached for point #19, with SWL's.
- 2) As per our conversation and your follow-up email (also attached for reference), Module 10.14 has been revised to address the powerline crossings; see attached Mod 10, page 4.
- 3) Updated 8.1A's attached.

Note: Based on our recent discussions, it is understood that the only outstanding water monitoring needed at this point is three additional samples for the new point # 31 (the water withdrawal monitoring location on Rhoades Creek). Since the monitoring of this point is only applicable to the proposed water intake, we are requesting that permit issuance not be held up for this additional monitoring and that a special condition simply be added stating that the water withdrawal can not be installed prior to the operator submitting the full six months worth of background monitoring to the Department.

4) All ditches steeper than 10% were designed using the protocol listed on page 133 of the PA DEP Erosion and Sediment Pollution Control Program Manual (TGD 363-2134-008). This allows for the cross-sectional area of the void space to be subtracted from the cross-sectional area of the in-channel flow to determine the anticipated flow depth for shear stress calculations, or maximum velocity calculations, if the resulting flow depth is less than 0. All ditches will be regularly monitored for sediment accumulation. Excess sediment will be removed from ditches, as necessary, should the sediment build-up affect the function of the ditch.

- 5) Refer to the attached Mod 1.5 Addendum.

I assume that this email and its attachments suffice as an official response to your requested items. However, if not, please let me know if we need to mail hard copies to your office.

Thanks,

Ryan D. Stairs, P.G.

Vice President/Operations Manager



966 Pleasant Hill Rd

Somerset, PA 15501

Office: (814) 266-6402 ext. 220

Cell: (814) 525-1776

<http://earthtechinc.net>

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On Thu, Jul 31, 2025 at 10:53 AM Schirato, Michael <mischirato@pa.gov> wrote:

Ryan,

We have completed our review of the revisions submitted June 9th and have the following comments:

1. Please provide an updated 8.1A sheet for 19 with static water level measurements. It was omitted from the submittal. [§86.37]
2. Module 10.14 – Please provide a copy of the agreement letter from the electric utility owner for the proposed road and ditch crossings within the electric line ROW. The letter was omitted from the original submittal. [§86.37]
3. Please provide updated 8.1A sheets for sample points 25, 26, 27, 28, 29, 30, 21, and 32 when sampling is complete. [§86.37]
4. Module 12 – For ditches steeper than 10%, please consider using a minimum flow depth in channel of 0.1 feet and reevaluate rip rap section. The Department has concern with the void space filling with sediment.
5. Module 13.5: Please provide a vegetation management plan [§77.531].

Thanks,

Michael R. Schirato, P.G. | Licensed Professional Geologist

Department Of Environmental Protection

Cambria Office – District Mining Operations

286 Industrial Park Road | Ebensburg, PA 15931

Phone: 814.472.1894 | Fax: 814.472.1898

www.pa.dep.gov

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