From:	Richard M. Watson
To:	Lutz, Samantha; Stephan, Michael
Cc:	Scott M. Sweder; Cody L. Salmon; Wagner, Justin; Kanouff, Paul; Paul Martin; Kessler, Matthew; Jugovic, George; Barravecchio, Alexandria; Raab, Dakota
Subject:	RE: [External] Big Sewickley Creek Live Measurement Coordination (WMP294943-5 and E0407222-001)
Date:	Tuesday, February 25, 2025 11:15:46 AM
Attachments:	image002.png

Good Morning,

Thank you for the reply, Samantha. The acknowledgement has been received and PennEnergy Resources, LLC will provide the images along with the daily emails as requested. Have a good day.

Best Regards,
Rich

Richard Watson/Manager, Permitting and Compliance
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From: Lutz, Samantha <samlutz@pa.gov>
Sent: Tuesday, February 25, 2025 9:18 AM
To: Richard M. Watson <RMWatson@pennenergyresources.com>; Stephan, Michael <mstephan@pa.gov>
Cc: Scott M. Sweder <smsweder@pennenergyresources.com>; Cody L. Salmon <clsalmon@pennenergyresources.com>; Wagner, Justin <jwagner@cecinc.com>; Kanouff, Paul <pkanouff@cecinc.com>; Paul Martin <PMartin@moody-s.com>; Kessler, Matthew <mkessler@pa.gov>; Jugovic, George <gjugovic@pa.gov>; Barravecchio, Alexandria <abarravecc@pa.gov>; Raab, Dakota <draab@pa.gov>
Subject: RE: [External] Big Sewickley Creek Live Measurement Coordination (WMP294943-5 and

E0407222-001)

Good Morning Mr. Watson,

The Department has reviewed PennEnergy's February 10, 2025, email regarding the new method of conducting live flow readings at the Big Sewickley Creek withdrawal location. Due to the monumented cross-section no longer being acceptable, the Department concurs with PennEnergy's proposal of utilizing an acceptable area within the denoted live measurement area that meets the Rantz et al., 1982 criteria as outlined in PennEnergy's approved WMP. As PFBC stated in their February 3, 2025, email, the selected cross-section should not change during a single water withdrawal event and all sequential measurements should be taken at the noted location.

The Department request that the location (i.e. coordinates) and a color photograph of the selected cross-section be provided with the daily permit compliance emails in accordance with the Special Condition outlined in the associated WOEP E0407222-001.

If you have any questions, please let me know.

Thanks,

Samantha N. Lutz | Aquatic Biologist 2
Department of Environmental Protection| District Oil and Gas Operations
Northwest District Office
230 Chestnut Street | Meadville, PA 16335
Phone: 814.332.6073
www.dep.pa.gov

DEP accepts permit and authorization applications, as well as other documents and correspondence, electronically through ePermitting and Public Upload with Electronic Payment.
Please use the link below to view the webpage, get instructions, and submit documents:
https://www.dep.pa.gov/DataandTools/ElectronicSubmissions/Pages/default.aspx

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From: Richard M. Watson <RMWatson@pennenergyresources.com>
Sent: Monday, February 10, 2025 3:48 PM
To: Stephan, Michael <mstephan@pa.gov>; Lutz, Samantha <samlutz@pa.gov>
Cc: Scott M. Sweder <smsweder@pennenergyresources.com>; Cody L. Salmon <clsalmon@pennenergyresources.com>; Wagner, Justin <jwagner@cecinc.com>; Kanouff, Paul <pkanouff@cecinc.com>; Paul Martin <PMartin@moody-s.com>
Subject: [External] Big Sewickley Creek Live Measurement Coordination (WMP294943-5 and E0407222-001)

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Good Afternoon, Ms. Lutz and Mr. Stephan,

This email is to inform your team at the Department of Environmental Protection that further coordination was completed with the PA Fish and Boat Commission ("PFBC") regarding the live measurements of the stream discharge values required for PennEnergy Resources, LLC's ("PennEnergy") Big Sewickley Creek Water Management Plan #WMP-294943-5 and the B50 Temporary Above Ground Waterline Project Water Obstruction and Encroachment Permit #E0407222-001. Due to changes in the stream morphology at the previously determined "monumented cross section", the section no longer meets the criteria (Rantz et al.) for measuring the stream discharge. As such, PennEnergy coordinated with the PFBC to determine an acceptable method for live measurements to be completed before and during the active surface intake withdrawal on Big Sewickley Creek. Rather than identify another fixed location that meets the criteria and risking yet another change in morphology that will deem the cross section unsuitable for stream discharge measurements, PennEnergy is proposing to use an area that meets the Rantz et al. criteria somewhere along the channel of stream nearest to the surface intake. Please accept the attached sketch and email as proof of coordination with PFBC and let me know if you have any questions or need anything else for your review. Thank you.

Best Regards,
Rich

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