



Pennsylvania
**Department of
Environmental Protection**

OIL & GAS MANAGEMENT
SOUTHWEST REGIONAL OFFICE

December 11, 2024

VIA EMAIL

Mr. Richard Watson
Project Manager
PennEnergy Resources, LLC
3000 Westinghouse Drive, Suite 300
Cranberry Township, PA 16066

RE: PennEnergy Resources, LLC
Water Management Amendment Application: Big Sewickley Creek
B50 Temporary Aboveground Waterline State Water Obstruction and Encroachment
Permit
E0407222-001; APS # 1058722

On Thursday, October 24th, 2024, PennEnergy Resources submitted a Water Management Plan (WMP) amendment. The amendment application was submitted to add the public water supply source “Ambridge Water Authority” (AWA) to the existing WMP. The source is being proposed to provide up to 0.5 million gallons per day (mgd) at a rate of 347 gallons per minute (gpm). The source is located adjacent to Big Sewickley Creek Road in Beaver County Pennsylvania.

The Chapter 105 permit application included an alternative analysis at section S3.F.2.2, stating that AWA was “unable to provide water for the project.” Therefore, this analysis did not consider the implications of receiving 0.5 mgd of water from AWA and will need to be updated to continue to reflect current conditions.

Accordingly, the Department is requesting an updated alternative analysis that should include the following:

- Identification of how the 0.5 mgd will be utilized, for example, whether it will reduce the volume of water needed from the Big Sewickley Creek intake. If the 0.5 mgd will be utilized to reduce the amount of water used from Big Sewickley Creek, please address whether the size of the intake structure will be scaled down.
- An operations plan showing how the water from the proposed AWA source will be utilized at the B-50 well pad. (i.e. map showing location of TWL).
- Updates to the prior alternatives analysis so that it addresses the newly proposed scenario under which PennEnergy has found an additional source of 0.5 mgd of water.

Please provide the requested update by January 18th, 2024.

If you have any questions, please contact me at 412.442.4164, and refer to Application No. E0407222-001: APS No. 10587222.

Thank you.

Sincerely ,

Michael Stephan

Michael R. Stephan
Aquatic Biologist Supervisor
Bureau of District Oil & Gas Operations

cc:

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