



pennsylvania
DEPARTMENT OF ENVIRONMENTAL
PROTECTION

July 27, 2021

PennEnergy Resources, LLC
Attn: Richard Watson
1000 Commerce Drive, Park Place One,
Suite 400
Pittsburgh, PA 15275

Dear Mr. Watson:

The Water Management Plan(s) received on July 8, 2021 by DEP Oil and Gas Southwest Region for the Big Sewickley Creek and North Fork Big Sewickley Creek were deemed deficient on July 12, 2021 and a deficiency notice was sent to your attention via email. Subsequently the Department coordinated with PA Fish and Boat Commission (PFBC) regarding the adverse impacts the withdrawals may have on the PA threatened species- Southern Redbelly Dace. PFBC responded to the Department stating PennEnergy did not possess PFBC clearance for the withdrawals and recommended “that an alternative water source be used to eliminate conflict with this imperiled species.”.

In accordance with Chapter 78a.69a (1): A person may not withdraw or use water from water sources within this Commonwealth for drilling or hydraulic fracture stimulation of any natural gas well governed by this chapter except in accordance with a WMP approved by the Department. The WMP must demonstrate that the withdrawal and use of the water sources protects those water sources as required by law and protects public health, safety and welfare.

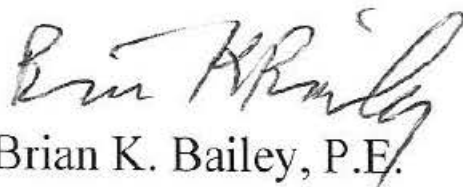
The following list specifies the items which must be included in the resubmittal of your registration and/or the submission of additional information.

- 1) PA Fish and Boat clearances for PNDI Receipt(s): 734425 and 734429. *Chapter 78a.69c (9); Chapter 105.16 (c) (3)*
- 2) Provide an alternatives analysis that details all alternative withdrawal locations, to the proposed action, including alternative locations, routings or designs to avoid or minimize adverse environmental impacts to the Big Sewickley Creek watershed. *Chapter 105.13 (e) (1) (viii)*
- 3) Provide a detailed analysis of the potential impacts, the proposed withdrawals will have on water quality, stream flow, fish and wildlife (specifically known populations of S. Redbelly Dace), and aquatic habitat. *Chapter 105.13 (e) (1) (x); Chapter 105.14 (b) (4)*

Please note that this information must be received within thirty (30) calendar days from the date of this letter, on or before August 26, 2021, or DEP will consider the registration withdrawn.

If you have questions about your registration, please contact me at 570-974-2604 and refer to PennEnergy's WMP.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian K. Bailey". The signature is fluid and cursive, with the first name "Brian" being the most prominent part.

Brian K. Bailey, P.E.

Program Manager

Bureau of District Oil & Gas Operations