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DATE October 23, 2023

RE Review of E&S and C&D Plans for Catalyst Energy, Inc.
Lot 580-1 UIC Well (API # 083-46237)
Keating Township, McKean County

E&S Plan

The submitted E&S plan is consistent with the requirements set forth in Chapter 102 & Chapter 78.53. This E&S plan indicates that a Chapter 105 permit (GP-7) will be applied for due to the presence of a wetland on the well site. The information contained within the E&S Plan includes the necessary documentation and a September 7, 2023 field visit confirmed that all watercourses and wetlands that could be impacted by this project were accounted for. After the field inspection, the following permit conditions were suggested to ensure appropriate measures are taken to prevent impacting the nearby wetlands and watercourses:

- The clear and distinct boundaries of all wetlands must be clearly marked with high visibility fencing or equivalent during all phases of the activity, including construction.
- The owner operator may not cause or allow a discharge from this well pad under 78.60.
- The owner or operator shall implement ABACT BMPs throughout the well site to maintain and protect the existing water quality of surface water resources.

These permit conditions along with the submitted E&S Plan and expected GP-7 submittal address the wetlands and watercourses in the vicinity of this well. If the practices required in each are properly implemented, the potential for accelerated erosion and sedimentation issues will be minimized.

C&D Plan

The submitted Control & Disposal (C&D) Plan was reviewed and compared to the requirements listed in the Department's "Guidelines for the Development and Implementation of Environmental Emergency Response Plans". This review found that the submitted C&D Plan is organized according to Table 3 (Elements and Format of a PPC and SPR Plan) of the guidance document and meets the requirements set forth in the guidance document. No further revision of the plan is requested or required.