

SUBJECT: Pennsylvania General Energy Co., LLC
 Lycoming County
 Cascade, Township of; Gamble, Township of

TO: Pennsylvania Fish and Boat Commission-
 (DES)
 595 E. Rolling Ridge Drive
 Bellefonte, PA 16823

FROM: (check one)

- NWRO SWRO NERO Central
 NCRO SCRO SERO Office

Date Received By PFBC: 10/16/2025
Permit No.: E4129225-017
Permit Type: Encroachment
Contact Information:
DEP-Reviewing Biologist: Chris Mileto
PFBC Reviewer: Jordan Allison

Project Description

Type of work: E4129225-017: Pennsylvania General Energy Company, LLC., 120 Market Street, Warren, PA 16365. Saluda Access Road and Staging Area in Gamble & Cascade Township, Lycoming County, ACOE Baltimore District.

Individual – Joint Permit to construct, operate and maintain twenty (20) permanent stream crossings, nineteen (19) temporary stream crossings, eight (8) permanent wetland crossings and ten (10) temporary wetland crossings in Gamble & Cascade Township, Lycoming County. The work involves the construction of a permanent access road and staging area.

The proposed project includes the construction of a 3.9-mile-long permanent access road and staging area. The proposed road will facilitate access to an existing well pad and future well pads proposed on the state forest tract. The proposed staging area will be used to store equipment and materials for the construction of future well pads and will later be used as a well pad. The proposed limit of disturbance is approximately 40 acres.

The project will result in a total of 724 LF (4538 SF) of permanent stream impacts, 594 LF (4599 SF) of temporary stream impacts, 84553 SF (1.9411 acres) of permanent floodway impacts, 90825 SF (2.0851 acres) of temporary floodway impacts, 2252 SF (0.0517 acres) of permanent wetland impacts and 4810 SF (0.1104 acres) of temporary wetland impacts all for the purpose of Marcellus Shale well development.

STREAM IMPACT TABLE:

Resource Name Municipality
 Quadrangle Activity Chap. 93 Listed Trout Impact Length Temp.
 (LF) Impact Area Temp.
 (SF) Impact Length Perm.
 (LF) Impact Area Perm.
 (SF) Lat.
 Long.

Wallis Run
 S-20230821-1148-JT Gamble
 Bodines Permanent Access Road EV Wild 25 628 25 374 41.414301° 76.868102°
 UNT to Wallis Run
 S-20230821-1402-JT Gamble
 Bodines Permanent Access Road EV Wild 16 163 38 385 41.411236° 76.868866°
 UNT to Wallis Run
 S-20230822-1015-JT Gamble
 Bodines Permanent Access Road EV Wild 17 134 21 167 41.407576° 76.868770°
 UNT to Wallis Run
 S-20230822-1301-JT Gamble
 Bodines Permanent Access Road EV Wild 39 703 62 430 41.407273° 76.868962°
 UNT to Wallis Run
 S-20230822-1412-JT Gamble
 Bodines Permanent Access Road EV Wild 170 1021 33 199 41.406855° 76.869182°
 UNT to Wallis Run
 S-20230822-1218-JT Gamble
 Bodines Permanent Access Road EV Wild 29 205 21 144 41.406169° 76.869373°
 UNT to Wallis Run
 S-20230822-1243-JT Gamble
 Bodines Permanent Access Road EV Wild 16 130 44 354 41.405820° 76.869232°
 UNT to Wallis Run

S-20230823+1150-JT Gamble
 Bodines Permanent Access Road EV Wild 8 48 41.405409° 76.869456°
 UNT to Wallis Run
 S-20230823+1130-JT Gamble
 Bodines Permanent Access Road EV Wild 14 96 29 201 41.405201° 76.868974°
 UNT to Wallis Run
 S-20230823-1225-JT Gamble
 Bodines Permanent Access Road EV Wild 20 140 54 378 41.404767° 76.868817°
 UNT to Wallis Run
 S-20230823-1258-JT Gamble
 Bodines Permanent Access Road EV Wild 36 364 33 333 41.403873° 76.868515°
 UNT to Wallis Run
 S-20230823-1338-JT Gamble
 Bodines Permanent Access Road EV Wild 26 130 35 175 41.402756° 76.868335°
 UNT to Wallis Run
 S-20230823-1433-JT Gamble
 Bodines Permanent Access Road EV Wild 30 181 36 214 41.401320° 76.868293°
 UNT to Wallis Run
 S-20230824-1355-DJ Gamble
 Bodines Permanent Access Road EV Wild 27 93 35 124 41.400225° 76.869063°
 UNT to Bottom Bar Hollow
 S-20230824-1304-JT Gamble
 Bodines Permanent Access Road EV Wild 7 27 49 196 41.399807° 76.869382°
 UNT to Bottom Bar Hollow
 S-20230824-1305-DJ Gamble
 Bodines Permanent Access Road EV Wild 24 115 40 189 41.399630° 76.869446°
 UNT to Jacoby Hollow
 S-20230823-1117-DJ Gamble
 Bodines Permanent Access Road EV Wild 32 259 28 225 41.391460° 76.888282°
 UNT to Jacoby Hollow
 S-20231017-1725-JR Gamble
 Bodines Permanent Access Road EV Wild 20 26 47 61 41.390655° 76.889243°
 UNT to Jacoby Hollow
 S-20230822-0014-DJ Gamble
 Bodines Permanent Access Road EV Wild 25 100 53 210 41.390630° 76.889325°
 UNT to Jacoby Hollow
 S-20230821-0005-DJ Gamble
 Bodines Permanent Access Road EV Wild 21 84 33 131 41.385904° 76.897534°
 TOTAL IMPACTS 594 4599 724 4538

WETLAND IMPACT TABLE:

Resource Name Municipality
 Quadrangle Activity Cow. Class Listed Trout Impact Length Temp.
 (LF) Impact Area Temp.
 (SF) Impact Length Perm.
 (LF) Impact Area Perm.
 (SF) Lat.
 Long.

W-20230821-1157-JT Gamble
 Bodines Permanent Access Road PEM Wild 75 333 75 614 41.413999° 76.868121°
 W-20230821-1334-JT Gamble
 Bodines Permanent Access Road PFO Wild 92 1616 71 116 41.411644° 76.868854°
 W-20230821-1334-JT Gamble
 Bodines Permanent Access Road PEM Wild 71 786 71 707 41.411463° 76.868903°
 W-20230821-1351-JT Gamble
 Bodines Permanent Access Road PEM Wild 33 170 41.411482° 76.869004°
 W-20230821-1417-JT Gamble
 Bodines Permanent Access Road PEM Wild 100 407 7 148 41.411120° 76.868857°
 W-20230821-1425-JT Gamble
 Bodines Permanent Access Road PEM Wild 120 480 8 16 41.411104° 76.868696°
 W-20230822-1025-JT Gamble

Bodines Permanent Access Road PEM Wild 111 462 8 244 41.407430° 76.868826°
W-20230822-1345-JT Gamble
Bodines Permanent Access Road PEM Wild 21 160 21 314 41.407385° 76.868936°
W-20230822-1600-JT Gamble
Bodines Permanent Access Road PEM Wild 20 309 55 93 41.407128° 76.868967°
W-20231017-1503-JR Gamble
Bodines Permanent Access Road PEM Wild 20 87 41.391374° 76.888272°
TOTAL IMPACTS 663 4810 316 2252

FLOODWAY IMPACT TABLE:

Resource Name Municipality
Quadrangle Activity Impact Length Temp.
(LF) Impact Area Temp.
(SF) Impact Length Perm.
(LF) Impact Area Perm.
(SF) Lat.
Long.
Wallis Run
S-20230821-1148-JT Gamble
Bodines Permanent Access Road 189 3214 151 2417 41.414301° 76.868102°
UNT to Wallis Run
S-20230821-1402-JT Gamble
Bodines Permanent Access Road 100 3031 100 3034 41.411236° 76.868866°
UNT to Wallis Run
S-20250606-1045-PMS Gamble
Bodines Permanent Access Road 65 1316 65 1440 41.408125° 76.869093°
UNT to Wallis Run
S-20230822-1015-JT Gamble
Bodines Permanent Access Road 100 2485 100 2704 41.407576° 76.868770°
UNT to Wallis Run
S-20230822-1301-JT Gamble
Bodines Permanent Access Road 742 9833 742 12902 41.407273° 76.868962°
UNT to Wallis Run
S-20230822-1412-JT Gamble
Bodines Permanent Access Road 350 3277 350 4475 41.406855° 76.869182°
UNT to Wallis Run
S-20230822-1218-JT Gamble
Bodines Permanent Access Road 100 4595 100 2600 41.406169° 76.869373°
UNT to Wallis Run
S-20230822-1243-JT Gamble
Bodines Permanent Access Road 100 3939 100 2930 41.405820° 76.869232°
UNT to Wallis Run
S-20230823+1150-JT Gamble
Bodines Permanent Access Road 95 1156 95 1425 41.405409° 76.869456°
UNT to Wallis Run
S-20230823+1211-JT Gamble
Bodines Permanent Access Road 86 332 86 1234 41.405283° 76.869432°
UNT to Wallis Run
S-20230823+1130-JT Gamble
Bodines Permanent Access Road 100 3418 100 2927 41.405201° 76.868974°
UNT to Wallis Run
S-20230823-1225-JT Gamble
Bodines Permanent Access Road 158 3310 158 3962 41.404767° 76.868817°
UNT to Wallis Run
S-20230823-1258-JT Gamble
Bodines Permanent Access Road 55 299 55 962 41.404552° 76.868962°
UNT to Wallis Run
S-20230823-1258-JT Gamble
Bodines Permanent Access Road 100 3240 100 5000 41.403873° 76.868515°
UNT to Wallis Run
S-20230823-1338-JT Gamble
Bodines Permanent Access Road 368 6470 259 5495 41.402756° 76.868335°

UNT to Wallis Run
 S-20230823-1500-JT Gamble
 Bodines Permanent Access Road 267 4177 267 4874 41.402087° 76.868170°
 UNT to Wallis Run
 S-20230823-1433-JT Gamble
 Bodines Permanent Access Road 100 3547 100 2862 41.401320° 76.868293°
 UNT to Wallis Run
 S-20230824-1351-DJ Gamble
 Bodines Permanent Access Road 96 2369 96 1236 41.400782° 76.868955°
 UNT to Wallis Run
 S-20230823-1423-JT Gamble
 Bodines Permanent Access Road 105 2349 41.400791° 76.868148°
 UNT to Wallis Run
 S-20230824-1355-DJ Gamble
 Bodines Permanent Access Road 100 3221 100 3248 41.400225° 76.869063°
 UNT to Wallis Run
 S-20230824-1304-DJ Gamble
 Bodines Permanent Access Road 98 787 98 690 41.400034° 76.869223°
 UNT to Bottom Bar Hollow
 S-20230824-1304-JT Gamble
 Bodines Permanent Access Road 100 1338 100 1982 41.399807° 76.869382°
 UNT to Bottom Bar Hollow
 S-20230824-1305-DJ Gamble
 Bodines P

NOTE: Please review the attached application for a Water Obstruction and Encroachment Permit for the project described above, and return comments to this office within 30 days.

Project Location/PFBC Stream Management:

Latitude	Longitude	Primary Water	Receiving Water	Stocked	Wild
41.414300	-76.868100	Wallis Run	Loyalsock Creek	No	Yes
41.407270	-76.868960	UNT to Wallis Run (RM 5.85)	Wallis Run	No	Yes
41.391460	-76.888280	UNT to Jacoby Hollow (RM 2.08)	Jacoby Hollow	No	Yes

Specific Project Comments:

According to Chapter 93, The Wallis Run watershed is classified as a High Quality, Cold Water Fishery. Additionally, Pennsylvania Fish and Boat Commission field surveys have documented the natural reproduction of trout in Wallis Run. The proposed project will cross 34 streams within the watershed classified as ephemeral, intermittent, or perennial and their floodplains impacting 0.21 acres and 4.03 acres of these aquatic resources respectively. Although many of the proposed impacts occur on ephemeral and intermittent waterways, three perennial streams will be impacted. Given this, it is the Commission's opinion that additional alternatives that avoid aquatic resource impacts in the project area should be investigated, or compensatory mitigation to offset impacts to riparian buffer zones and/or address stream erosion issues should be provided.

The Pennsylvania Fish and Boat Commission manages Wallis Run and its tributaries as waterways supporting the natural reproduction of trout. The Commission respectfully requests that a special condition be added to the permit which prohibits instream construction from October 1st through December 31st to protect the spawning and egg deposition behavior of these wild trout populations. We recommend the applicant and contractor understand the implications of this restriction and plan all instream construction accordingly.

According to the proposed Erosion and Sedimentation Control Plan, rock aprons of various dimensions are to be installed at the outlets of stream crossings to avoid erosion. As with the culverts at these crossings, the rock aprons should also be depressed at least six inches below the existing streambed level and native streambed materials stockpiled during construction should be replaced to fill the interstitial spaces of the rock to ensure surface flows are not lost.

Due to the proposed alignment of the access road, stream channel S-20230822-1412-JT and its floodway are to be impacted for an unknown length. This will require relocation of the existing channel. Please provide a longitudinal profile and cross sections of the existing channel as well as construction details depicting the location, profile, and cross section of the reconstructed channel.

Wetland impacts totaling 0.051 acres are proposed to be mitigated off site at Resource Environmental Solution's Babb Creek Mitigation Bank which services subbasin 09 as defined in the Pennsylvania State Water Plan. Impacts occurring to wetlands in the Wallis Run watershed, a tributary to Loyalsock Creek, fall within subbasin 10 which is outside the approved service area. Therefore, the applicant should identify alternative mitigation opportunities.



(PFBC Division of Environmental Services)

Approved Not Approved
See Comments Withdrawn
(Approved)

11/18/2025

(Date)

Pennsylvania Fish & Boat Commission