



December 4, 2020

National Fuel Gas Supply Corporation
c/o Mr. Jake Lybrook - Environmental Compliance Coordinator
1100 State Street
Erie, PA 16512

Re: Second Technical Deficiency Letter
Erosion and Sediment Control Permit
FM 100 Modernization/Abandonment Project
DEP Application No. ESG830019003-00
APS ID No 1008279; AUTH ID No. 1299840
Cameron, Clearfield, Clinton, Elk, McKean
& Potter Counties

Dear Mr. Lybrook:

The Department of Environmental Protection (DEP) has reviewed your response to the July 10, 2020 Technical Deficiency Letter, received on September 18, 2020, for the above-referenced application/NOI and has identified the following additional technical deficiencies. The Pennsylvania Erosion and Sediment Pollution Control Program Manual and the Pennsylvania Stormwater Best Management Practices Manual include information that will aid you in responding to some of the deficiencies listed below. The deficiencies are based on applicable laws and regulations, and the guidance sets forth the DEP's established means of satisfying the applicable regulatory and statutory requirements.

Technical Deficiencies

Permit Requirements:

1. Please make the following corrections to the Summary of Bio-Infiltration BMPs in the NOI 25 PA Code § 102.6(a)(1):
 - a. The column Elevation of Limiting Zone-Water Table Bedrock etc. has an entry of N/A. This column is applicable. Infiltration tests done as part of the most recent response indicate limiting zones were not encountered, for which an entry of >2ft should be entered. Please update this column to correspond with the submitted information.
 - b. Please ensure each drainage area is entered properly and corresponds with the submitted PCSM Reports. As an example, the Carpenter Hollow OPP has listed total drainage of 0.356 acres, while in the PCSM Report this number is 1.109 acres.

2. Please revise the Overview Map to reflect the clarification made in the recent response regarding the Marvindale Interconnect. It appears the map label should reference the KL Valve Set, as the Marvindale Interconnect is existing and does not require any PCSM. *25 PA Code § 102.6(a)(1)*

Waters of the Commonwealth

3. Table 2.2-1A Waterbodies Crossed by the Project does not appear to have been updated with the streams along the abandonment line, nor the newly delineated streams from recent surveys. Besides, stream names and/or classifications still contain errors (Streams 037, 068, 070, 112-114, 196) and waterbody names and classifications are not shown for the ditches that receive perennial or intermittent flow. Please ensure that the table is consistent with the project and all streams are included with correct classifications, including the following:
 - a. In the FM100 Abandonment Section the following streams are not listed: Mix Run (HQ-CWF), Bennett Branch of the Sinnemahoning Creek (WWF), Little Dent Run (HQ-CWF), Boyer Run (CWF), UNT to Driftwood Branch of the Sinnemahoning Creek at MP 26.2 (EV), Driftwood Branch of the Sinnemahoning Creek (EV), Johnson Run (EV). *25 PA Code § 102.4(b)(5)(v)*
 - b. Stream 146 is not listed in this table; however, it is included in the table provided in the E&S Notes page 004 as having foam placed in the abandoned pipe between Station 250+21 and 254+21. *25 PA Code § 102.4(b)(5)(v)*
 - c. The Narrative section 8.1.6 mentions South Branch Oswayo Creek as an EV water, but this is not included in the table. *25 PA Code § 102.4(b)(5)(v)*
4. There are several wetland classifications incorrectly listed in Table 2.2-1B Wetlands Located within Project Work Areas. Several wetlands should be classified as Exceptional Value based on their contiguous connection with other EV wetlands and/or their hydrologic connection to a stream supporting the natural reproduction of trout (some examples are Wetlands 007b, 008, 009, 009b, 012b, 023, 025, 031, 034, 035-1, 035a, 065, 091, 091a, 112, 114, 125, 134, 134a, 136a). Additionally, the Driftwood Branch of the Sinnemahoning Creek has an existing use of EV, MF and, wetlands 303, 303b, 147a, 147, 305, 305a are all located within the 100-year floodplain classifying them as EV. *25 PA Code § 102.4(b)(5)(v)*.
5. Several Streams on Table 2.2-1C Floodways have an incorrect designation:
 - a. The Driftwood Branch Basin from Sterling Run to its mouth is EV, so streams 169, 132, 363-370 should be listed as EV, as well as 167-168, which

should be listed as UNT to Johnson Run and not directly to the Driftwood Branch. *25 PA Code § 102.4(b)(5)(v)*

- b. Stream 171 is Boyer Run and stream 172 is a UNT to Boyer Run. They both have designated uses as CWF and not WWF. *25 PA Code § 102.4(b)(5)(v)*
- c. Hunts Run has been given an existing use of EV, so streams 127, 128, and 129 should be listed as EV in that table. *25 PA Code § 102.4(b)(5)(v)*
- d. Stream 173 is Little Dent Run and has an existing use of HQ-CWF but is listed as WWF. Please revise. *25 PA Code § 102.4(b)(5)(v)*
- e. In Potter County, streams 125, 126, 133, 161,162 all have existing uses of EV- the two portions of the First Fork of the Sinnemahoning Creek Basin in which they are located have existing uses of EV. *25 PA Code § 102.4(b)(5)(v)*

PNDI Requirements:

6. The Fish and Wildlife Service Letter dated November 06, 2019, regarding the Final 4(d) Rule for the Northern Long-eared Bat requires you to update and resubmit the information required in the IPaC key since the project was not completed within one year of the letter date. Please provide. *25 PA Code § 102.6(a)(2)*
7. Please confirm the intent for the Tamarack PNDI Receipt, as this does not have the project Contact Information entered and is not signed. Additionally, the Tamarack Compressor Station appears to be included in the overall FM100 PNDI. If this is used, the expired receipt will need to be updated, as 3 of the agencies have a “No Known Impact” result and therefore no clearance letters. *25 PA Code § 102.6(a)(2)*
8. The response to Comment Q2.d indicates ongoing and extensive conversation with Denise Mitcheltree regarding impacts to State Game Lands. Please provide any updates. The response also indicates a record of agency communications in Attachment 1-06B-00 PNDI and USFWS Concurrence Letters. This attachment could not be located, please provide and include the most recent correspondences and any final determination. *25 PA Code § 102.6(a)(2)*

Riparian Buffer Requirements:

9. Regarding Riparian Buffer Table 4.1: List of Preliminary Species for Replanting in the Site Restoration Narrative, please provide clarification for the planting methods in wet areas and justification for selecting primarily flood intolerant shrubs and small trees for riparian zone plantings. Additionally, Winterberry is listed with flood intolerance; however, in PADEP’s Riparian Forest Buffer Guidance

(Document Number 394-5600-001 PADEP 2010), this species is listed with a flood tolerance of very tolerant. Please revise. *25 PA Code § 102.14(b)(4)(i)*

E&S Plan:

10. Discussions regarding the technical deficiency comments indicated that the proposed Driftwood Branch Sinnemahoning ford crossing would not be used, and notation would be added to reflect the crossing method. Notes were not apparent on the plans and the intent for this crossing is not clear. Please be sure the plans reflect the method of crossing. *25 PA Code § 102.4(b)(5)(ix)*
11. Please confirm that the Grove Run Trail Road will be used in its entire length from the intersection with the Ridge Road to access the pipeline for the 872 and 873 Rectifier access. Recent site visits have shown the GIS layer to be primarily correct for the Grove Trail Road. Please clarify how the road location was determined and ensure it is correctly demarcated on the plans. *25 PA Code § 102.4(b)(5)(ix)*
12. The response to Q11.f does not clarify the concerns for the access to rectifier removal at MP 33.4 (STA 1763+75). Utilizing the access road for the rectifier removal at STA 1763+55 is understood. The plans still show STA1763+75 access directly from Ridge Road. Can the access road for STA 1763+55 be used for both rectifiers? Please clarify and update the plans as needed. *25 PA Code § 102.4(b)(5)(ix)*
13. The response to Q6.f clarifies the ESCAMP role and mentions that the agency-published standards will take precedence if there are any inadvertent conflicts. Please clarify the PA DEP as the agency for these plans, since other agencies are referenced. *25 PA Code § 102.4(b)(5)(ix)*
14. On the Tamarack Compressor Station sediment/infiltration basin, the Gabion Basket Forebay berm as seen in detail on Sheet 13/13 does not specify the height of the gabion wall above the basin bottom. Please clarify. Also, gabions can degrade with continued water contact and this should be monitored and repairs made as necessary.

Pursuant to 25 Pa. Code § 102.6(c) of DEP's rules and regulations, you must submit a response fully addressing each of the significant technical deficiencies set forth above. Please note that this information must be received within sixty (60) calendar days from the date of this letter, on or before February 2, 2021, or DEP may consider the application to be withdrawn by the applicant.

You may request a time extension in writing before February 2, 2021, to respond to deficiencies beyond the sixty (60) calendar days. Requests for time extensions will be received by DEP and considered. You will be notified in writing of the decision either to grant or deny, including a specific due date to respond if the extension is granted. Time extensions shall be in accordance with 25 Pa. Code § 102.6(c).

Please submit one copy of the revised E&S/PCSM plan to the County Conservation Districts and an electronic copy of the revised information to the Department.

If you believe that any of the stated deficiencies are not significant, instead of submitting a response to that deficiency, you have the option of requesting that DEP to make a permit decision based on the information you have already provided regarding the subject matter of that deficiency. If you choose this option with regard to any deficiency, you should explain and justify how your current submission satisfies that deficiency. Please keep in mind that if you fail to respond, your application will be considered withdrawn.

Should you have any questions regarding the identified deficiencies, please contact Nick Rossi at 717.772.5667 or nicrossi@pa.gov and refer to Application No. ESG830019003-00, to discuss your concerns or to schedule a meeting. Please attempt to request a meeting within 15 days of the date of the letter to better ensure a meeting can be scheduled, held, and allow time for you to provide a response with the response time allotted for your reply. You may also follow your application through the review process via *eFACTS on the Web* at:

<http://www.ahs2.dep.state.pa.us/eFactsWeb/default.aspx>. (for individual permits only).

Sincerely,



Rebecca M. Albert, P.G.
Environmental Group Manager
Regional Permit Coordination Office

cc: Mott MacDonald, LLC
Cameron County Conservation District
Clinton County Conservation District
Clearfield County Conservation District
Elk County Conservation District
McKean County Conservation District
Potter County Conservation District
Borough of Driftwood
Gibson Township
Grove Township
Lumber Township
Huston Township
Lawrence Township
Leidy Township
Keating Township
Benezette Township
Jay Township
Liberty Township

Norwich Township
Sergeant Township
Allegany Township
Clara Township
Hebron Township
Pleasant Valley Township
Portage Township
Roulette Township
Wharton Township