Mr. Nick Diedrich, P.E.
DTE Energy Resources
Senior Environmental Engineer
Pinnacle Gas Producers, LLC
4220 Pinnacle Road
Moraine, Ohio 45439

Re: Pinnacle Gas Producers LLC
Remediation Response
Approval
RCRA C - Hazardous Waste
Montgomery County
OHR000030346

Subject: Closure Plan Approval
Pinnacle Gas Producers, Inc.
OHR000030346

Dear Mr. Diedrich:

On November 20, 2017, Pinnacle Gas Producers, LLC (Pinnacle Gas Producers) submitted to Ohio Environmental Protection Agency (Ohio EPA) a closure plan for the RCRA Landfill Gas Condensate Sump #2, Sump #1, Inlet Sump, and Compressor Sump, 4220 Pinnacle Road, Moraine, Ohio. The closure plan was submitted to demonstrate Pinnacle Gas Producer's proposal for closure complies with the administrative requirements of Ohio Administrative Code (OAC) Chapters 3745-65 and 3745-66 as well as the substantive requirements of OAC rules 3745-55-11 and 3745-55-12. The submittal of the closure plan complies with Order Number 4 of the August 30, 2017 Director's Final Findings and Orders.

The owner or operator and the public were given the opportunity to submit written comments regarding the amended closure plan in accordance with hazardous waste rule requirements. One comment was received by Ohio EPA. Pinnacle Gas Producers submitted a comment on January 2, 2018 regarding treatment technologies and treatment standards specified in OAC 3745-270-45 that are appropriate to close the Inlet and Compressor Sumps.

Based upon review of Pinnacle Gas Producer's submittal, I conclude the closure plan for the hazardous waste facility at 4220 Pinnacle Road, Moraine, Ohio, as modified herein, meets the performance standard contained in OAC rule 3745-55-11, and complies with the pertinent parts of OAC rule 3745-55-12.

The closure plan submitted to Ohio EPA on November 20, 2017 by Pinnacle Gas Producers is hereby approved with the following modification(s):
1. **Title Page and Table of Contents:** The Title Page in the submitted closure plan depicts the date the Plan was originally prepared and has been modified to reflect the revision date. The Table of Contents in the closure plan incorrectly references Tables 7 and 8. Therefore, the Table of Contents must be corrected to provide an accurate listing of the tables as revised. A Revised Title Page and Table of Contents were submitted on January 5, 2018.

   *The attached Title Page and Table of Contents are hereby modified to acknowledge the revisions made to the Closure Plan.*

2. **Section 3.5.2 Sump #2 Structure Decontamination and Abandonment:** Pinnacle Gas Producers included a description of the decontamination procedures and analytical standards in the closure plan which are to be replaced with the alternate treatment standards specified in OAC 3745-270-45. Revised pages 14 through 16 were submitted by Pinnacle Gas Producers on January 18, 2018.

   *The attached pages 14 through 16 are hereby modified to acknowledge the revised treatment technology and standards.*

3. **Section 4.5.2 Sump #2 Structure Decontamination and Abandonment:** Pinnacle Gas Producers included a description of the decontamination procedures and analytical standards in the closure plan which are to be replaced with the alternate treatment standards specified in OAC 3745-270-45. Revised pages 17 and 18 were submitted by Pinnacle Gas Producers on January 5, 2018.

   *The attached pages 17 and 18 are hereby modified to acknowledge the revised treatment standards.*

4. **Section 5.5.1 Inlet and Compressor Sump Structure Decontamination and Abandonment:** Pinnacle Gas Producers included a description of the decontamination procedures and analytical standards in the closure plan which are to be replaced with the alternate treatment standards specified in OAC 3745-270-45. Revised pages 19 and 20 were submitted by Pinnacle Gas Producers on January 5, 2018.

   *The attached pages 19 and 20 are hereby modified to acknowledge the revised treatment standards.*

5. **Table 7 - Sump Rinsate Closure Analytical Results and Table 8 – Sampling Analytical Parameters and Methods:** Table 7 submitted in the closure plan depicts sump rinsate closure analytical results that are no longer being used for the sump closure. Therefore, Table 7 should be removed and Table 8 renamed Table 7 with revisions made to acknowledge the revised treatment standards consistent with OAC 3745-270-45. A Revised Table 7 was submitted on January 5, 2018.

   *The attached Table 7 is hereby modified to replace Tables 7 and 8.*
Compliance with the approved amended closure plan, including the modifications specified herein, is expected. Ohio EPA will monitor such compliance. Ohio EPA expressly reserves the right to take action pursuant to chapters 3734. and 6111. of the Ohio Revised Code, and other applicable law, to enforce such compliance and to seek appropriate remedies in the event of noncompliance with the provisions and modifications of this approved plan. Please be advised that approval of this amended closure plan does not release Pinnacle Gas Producers from any responsibilities regarding corrective action for all releases of hazardous waste or constituents from any waste management unit, regardless of the time at which waste was placed in the unit.

You are hereby notified this action of the director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within 30 days after notice of the director's action. The appeal must be accompanied by a filing fee of $70.00 (made payable to "Ohio Treasurer of State ") which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the director within three days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
77 South High Street, 17th Floor  
Columbus, Ohio 43215

When closure is completed, OAC rule 3745-55-15 requires the owner or operator of a facility to submit, to the director of Ohio EPA, certification by the owner or operator and an independent, registered professional engineer, that the facility has been closed in accordance with the approved closure plan. The certification by the owner or operator shall include the statement found in OAC rule 3745-50-42(D). These certifications should be submitted to:

Ohio Environmental Protection Agency  
Division of Environmental Response and Revitalization  
P.O. Box 1049  
Columbus, Ohio 43216-1049  
Attn: Erik Hagen, ERAS

A copy should also be sent to:

Ohio Environmental Protection Agency  
Southwest District Office  
Division of Environmental Response and Revitalization  
401 East Fifth Street, Dayton, Ohio 45402  
Attn: Brian Marlatt, DERR Site Coordinator
If you have any questions about implementing this amended closure plan, please contact Brian Marlatt at (937) 285-6083.

Sincerely,

Craig W. Butler
Director

Enclosure

c: Charles B. Miller, Jr., DTE Energy
Angel Cuellar, Tetra Tech
Brian Marlatt, DERR, SWDO
Erik Hagen, Manager, ERAS, DERR, CO
Randall Kirkland, Manager, DERR, SWDO
George Strobel, Supervisor, DERR, SWDO
Robyn Winstead, DERR, SWDO
RCRAInfo Data Entry