



# pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHWEST REGIONAL OFFICE

OFFICIAL FILE COPY

January 9, 2012

**CERTIFIED MAIL: 7000 1670 0004 1443 1925**

Dick Baker, Senior Environmental Specialist  
Laurel Mountain Midstream, LLC  
Westpointe Center Three  
1605 Coraopolis Heights Rd  
Moon Township, PA 15108

Re: GP5-26-00587B  
Laurel Mountain Midstream, LLC  
Springhill Compressor Station  
Springhill Township, Fayette County, PA

Dear Mr. Baker:

The Department has evaluated your application to use General Plan Approval and General Operating Permit GP-5 for *Natural Gas, Coal Bed Methane or Gob Gas Production or Recovery Facility* (GP-5) for authorization to construct and/or operate the following equipment:

- One (1) previously installed Caterpillar G3516LE, 4SLB, natural gas fired compression engine, rated at 1,340 Bhp @ 1400 rpm and has no add on control.
- One (1) previously installed Caterpillar G3516LE, 4SLB, natural gas fired compression engine, rated at 1,340 Bhp @ 1400 rpm; controlled by an Emit Technologies oxidation catalyst, Model No. 201V0-3-6112-RT-2515-Z.
- One (1) previously installed TEG Dehydrator, rated at 25 MMscfd including a Reboiler, rated at 0.25 MMBtu/hr. There is no add on control on the dehydrator.
- Four (4) previously installed condensate/produced storage tanks. Two (2) tanks with a capacity of 150 bbl, one (1) tank of 100 bbl, and one (1) tank of 24 bbl capacity.
- Previously installed ancillary equipment (Electric Engine, rated at 1,500 bhp) with de minimis emissions.

The enclosed document shall serve as written approval pursuant to 25 PA Code § 127.621, and is effective for a five (5) year period, commencing on the authorized date. A copy of the conditions of the GP-5 is enclosed for your reference. Your attention is particularly directed to requirements related to *commencement of construction notification, performance testing, and expiration and renewal of authorization.*

---

400 Waterfront Drive, Pittsburgh, PA 15222-4745

412.442.4000 FAX 412.442.4194

Printed on Recycled Paper 

[www.dep.state.pa.us](http://www.dep.state.pa.us)

Pursuant to GP-5 Condition #2, you have requested as part of the referenced application that federally enforceable emission restrictions, applicable to the sources specified herein, be established at this facility to limit the facility's Potential-to-Emit (PTE) in accordance with the specifications in the application. Upon receipt of authorization to construct and/or operate a natural gas, coal bed methane, or gob gas production or recovery facility under this GP-5, the following federally enforceable emission restrictions have been established at the facility:

Air Contaminant	Federally Enforceable Emission Limits for Caterpillar Engine G3516LE (No add on Control)		Federally Enforceable Emission Limits for Caterpillar Engine G3516LE (w/Catalyst)		Facility Wide Emission
	(g/bhp-hr)	(lb/hr)	(g/bhp-hr)	(lb/hr)	
NOx	2.0	5.91	2.0	5.91	51.87
CO	1.89	5.58	0.19	0.55	27.01
VOC	0.56	1.65	0.16	0.46	24.96
PM (Filterable)	0.04	0.11	0.04	0.11	0.49
HCOH	0.25	0.74	0.03	0.08	3.62
Total HAPs	0.31	0.93	0.047	0.14	6.78

**You should read the entire document carefully; you are obligated to comply with all terms and conditions applicable to your facility. I wish to call your attention to Condition #10, where:**

“Nothing in this General Permit relieves the permittee from the obligation to comply with all applicable Federal, state and local laws and regulations.”

Specific Federal regulations that may be applicable to sources at your facility include, but are not limited to, New Source Performance Standards (NSPS) under 40 CFR Part 60 Subpart JJJJ—*Standards of Performance for Stationary Spark Ignition (SI) Internal Combustion Engines (ICE)*, Subpart KKK—*Standards of Performance for Equipment Leaks of VOC From Onshore Natural Gas Processing Plants*, Subpart Kb—*Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984*; National Emission Standards for Hazardous Air Pollutants (NESHAPS) under 40 CFR Part 63 Subpart HH—*Oil and Natural Gas Production Facilities*, and Subpart ZZZZ—*Stationary Reciprocating Internal Combustion Engines (RICE)*.

Please also note that any authorization by the Department to construct and/or operate under GP-5 may be suspended or revoked if the Department determines that, at any time, construction and/or operation is not in compliance with the terms and conditions of thereof.

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483.

TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period.

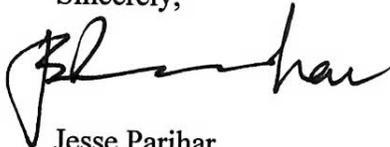
Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

Please feel free to contact me at 412-442-4030 (phone) or 412.442.4194 (fax) if you have any questions or need additional information.

Sincerely,



Jesse Parihar  
Air Quality Engineering Trainee  
Air Quality Program

Enclosure

cc: GP5-26-00587B

Operations (Gary Bronson)

Harrisburg C.O. (Permits)

400 Waterfront Drive, Pittsburgh, PA 15222-4745

412.442.4000 FAX 412.442.4194

[www.dep.state.pa.us](http://www.dep.state.pa.us)