

Inspection ID # 1951729

26-587

2700-FM-AQ0023 Rev. 2/2004 		<b>INSPECTION REPORT</b>		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program	
Date(s) of Inspection: 2/23/11		Permit #(s): GP5-26-00587		FACTS AQS CDS# (For Permitted Sources): PF# 19219	
Company Name: Laurel Mountain Midstream		Municipality: Springhill #2		County: Fayette	
Plant Name: Springhill #2 Compressor		Physical Location: 585 Hope Hollow Rd		Federal ID — Plant Code #: 26-4578063-7	
Responsible Official: Jay Irwin		Title: Katie Maley		Mailing Address: 1550 Coraopolis Heights Rd, 2nd Floor	
Title: Mgr Ops + Tech Svc		Title: Staff Env Scientist		Moon Twp, PA 15108	
Phone #(s): 412-865-2141		Phone #(s): 412-865-2174			

**Mark (X) All Inspection Types That Apply To This Inspection:**

<input type="checkbox"/> Announced	<input type="checkbox"/> Level 2 Inspection (L2)	<input type="checkbox"/> File Review (FR)
<input checked="" type="checkbox"/> Operating Permit Inspection (PI)	<input type="checkbox"/> Multi-Media Inspection (MM)	<input checked="" type="checkbox"/> Complaint Inspection (CI)
<input type="checkbox"/> Observation/Partial Inspection (OB)	<input type="checkbox"/> Follow-Up Inspection (Ref. Date: _____)	<input type="checkbox"/> Sample Collection (SC)
<input type="checkbox"/> Other:		

**For Level 2 Inspections, Mark (X) All Activities That Apply:**

<input checked="" type="checkbox"/> File Review - Pre-Inspection	<input checked="" type="checkbox"/> Pre-Inspection Briefing	<input checked="" type="checkbox"/> Verify Production Rates
<input type="checkbox"/> Compliance Assurance Monitoring Review	<input checked="" type="checkbox"/> Check All Significant Sources	<input type="checkbox"/> Verify Operation of Control Devices
<input checked="" type="checkbox"/> Pre-Inspection Observations	<input checked="" type="checkbox"/> Check For New/Unreported Sources	<input type="checkbox"/> Verify Operation of CEMS
<input type="checkbox"/> Visible Emissions Observations	<input checked="" type="checkbox"/> Operation & Maintenance Records/Logs	<input type="checkbox"/> Sample(s) Collected
<input type="checkbox"/> Other:		<input checked="" type="checkbox"/> Exit Interview/Briefing

**Comments:**

Today I performed an initial permit inspection at Laurel Mountain Midstream's Springhill #2 Compressor Station. The Springhill #2 Compressor Station is a natural gas fired and electric compressor site for compression and transport of natural gas from surrounding wells to pipeline. This facility is permitted under General & Operating Permit which was issued 12/9/07 and to expire 12/9/14. I met with Katie Maley, Staff Scientist and Bobby McCormick, Station Operator, Jeff Willard, Compressor Tech and found the facility:

Compliance Status: <input type="checkbox"/> In <input type="checkbox"/> Out <input type="checkbox"/> Pending <input type="checkbox"/> Awaiting Co. Report		Needs a Follow-Up Inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Company Representative: Katie Maley	Title: Staff Env Scientist	Signature: Katie Maley	Date: 2/23/11
DEP Representative: Michael Kaufman	Title: AQS	Signature: Michael Kaufman	Date/Time: 2/23/11

This document is official notification that a representative of the Department of Environmental Protection, Air Quality Program, inspected the identified site. The findings of this inspection are shown above and on any attached pages, and may include violations uncovered during the inspection. Violations may also be discovered upon review of sample results or from any additional review of Department records. Notification will be forthcoming, if such violations are noted.



# INSPECTION REPORT Continued

Commonwealth of Pennsylvania  
Department of Environmental Protection  
Air Quality Program

### Permit Requirements

- Record of number of hours per calendar year that each engine operated.

Will email them to department.

- Record of amount of fuel used per calendar year in each engine

Will email them to ~~dept~~ department

### Site Inventory

- Gas Engine # 2 Cat G3516LE 1,340 bhp

RPM: 1264

HRs: 32258.6

Suction: 36 PSI

Discharge: 126 PSI

- Electric Engine # 1 Reliance Electric 1,500 bhp

Not running today.

- Gas Engine # 3 Cat G3516LE 1,340 bhp

RPM: 1450

Suction: 26.5 PSI

Discharge: 64.7 PSI

- Glycol Reboiler 0.250 mm Btu/hr Watco

Temp 90°F

No malodorous, fugitive, or visible emissions observed. No previous compliance issues.  
No deviations noted. Facility deemed in compliance.

Company -- plant name:

Laurel Mountain Midstream Springhill #2

Initials of representative interviewed:

KAM

Date:

2/23/11

Page 2 of 2

Reviewed By Kat Malen

White - Site

Yellow - District Office

Pink - Regional Office

6.01-SpringhillCS-118C - Equipment Operation and Fuel Use Log

2010 EQUIPMENT HOURS OF OPERATION LOG					
Month/Year	Operator Name	Unit # - 1340 hp Cat G3516LE			Dely
		Unit #2 - 1340 hp	Unit #3 - 1340 hp	Unit #3 - 1340 hp	
Jan-10	Mike Morgan	720		744	
Feb-10	Mike Morgan	720		672	
Mar-10	Mike Morgan	714		744	
Apr-10	Mike Morgan	716		720	
May-10	Mike Morgan	738		744	
Jun-10	Mike Morgan	704		720	
Jul-10	Mike Morgan	732		744	
Aug-10	Mike Morgan	744		744	
Sep-10	Mike Morgan	676		720	
Oct-10	Mike Morgan	733		744	
Nov-10	Mike Morgan	672	158	720	
Dec-10	Mike Morgan	740	522	744	
<b>CALENDAR YEAR TOTAL</b>	-----	<b>8609</b>	<b>680</b>	<b>8760</b>	

2010 FUEL USE METER MONITORING LOG					
(MMScf/Mth) (enter fuel meter reading or 'N/A' as applicable)					
Month/Year	Operator Name	Unit # - 1340 hp Cat G3516LE			Dely
		Unit #2 - 1340 hp	Unit #3 - 1340 hp	Unit #3 - 1340 hp	
Jan-10	mike morgan	5.4		0.014	
Feb-10	mike morgan	5.4		0.014	
Mar-10	mike morgan	5.355		0.014	
Apr-10	mike morgan	5.37		0.014	
May-10	mike morgan	5.535		0.014	
Jun-10	mike morgan	5.28		0.014	
Jul-10	mike morgan	5.49		0.014	
Aug-10	mike morgan	5.56		0.014	
Sep-10	mike morgan	6.70592		0.18	
Oct-10	mike morgan	7.27136		0.186	
Nov-10	mike morgan	6.66624	1.56736	0.18	
Dec-10	mike morgan	7.3408	5.17824	0.186	
<b>CALENDAR YEAR TOTAL</b>	-----	<b>71.37432</b>	<b>6.7456</b>	<b>0.844</b>	

Engine #3 started up on November 2, 2010.

**Upper Plant 2010**

<b>Date</b>	<b>Month</b>	<b>Amount Applied</b>	<b>VOC</b>	<b>HAPS</b>
	<b>January Total</b>	40.7185	96.255805	1.23750
	<b>February Total</b>	28.6723	83.643730	1.46250
	<b>March Total</b>	28.2770	73.634787	1.22125
	<b>May Total</b>	33.0200	88.042512	0.57125
	<b>June Total</b>	78.8648	981.878231	3.20271
	<b>July Total</b>	85.9342	217.238082	3.16762
	<b>August Total</b>	104.0617	254.582140	2.41035
	<b>September Total</b>	69.1034	329.183368	2.66085
	<b>October Total</b>	128.8130	326.513734	1.45705
	<b>November Total</b>	112.2491	272.650079	4.07458
	<b>December Total</b>	84.8810	206.960474	3.73743
	<b>Grand Total</b>	<b>794.5950</b>	<b>2,930.582942</b>	<b>25.20309</b>

**Lower Plant 2010**

<b>Date</b>	<b>Month</b>	<b>Amount Applied</b>	<b>VOC</b>	<b>HAPS</b>
	<b>January Total</b>	94.07446	267.2762298	5.91000
	<b>February Total</b>	169.59450	509.0500630	12.77625
	<b>March Total</b>	224.57850	702.7367330	17.96000
	<b>April Total</b>	129.81912	355.3117836	6.58604
	<b>May Total</b>	130.43566	404.2205788	9.76675
	<b>June Total</b>	195.14020	590.7401780	15.16500
	<b>July Total</b>	182.65500	546.9086240	14.44250
	<b>August Total</b>	164.94920	515.8178060	14.03000
	<b>September Total</b>	209.16320	668.8397440	18.81290
	<b>October Total</b>	227.61160	694.8859240	18.44250
	<b>November Total</b>	279.92490	914.5166640	27.23000
	<b>December Total</b>	248.34057	820.3181291	25.36740
	<b>Grand Total</b>	<b>2,256.28691</b>	<b>6,990.6224573</b>	<b>186.48934</b>