


Inspection ID# 1951729

26-587

2700-FM-AQ0023 Rev. 2/2004 		INSPECTION REPORT		Commonwealth of Pennsylvania Department of Environmental Protection Air Quality Program	
Date(s) of Inspection: 2/23/11		Permit #(s): GP5-26-00587		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	
Phone #(s): 412-865-2141		Title: Mar Ops + Tech Svc		Mailing Address: Moon Twp, PA 15108	
Phone #(s): 412-865-2174		Title: Staff Env Scientist			
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 checked="" 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 toured 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.					

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Reviewed By 

☐ White - Site

☐ Yellow - Regional Office

☐ Pink - District Office



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:

Initials of representative interviewed:

Date:

Laurel Mountain Midstream Springhill #2

KAM

2/23/11

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Reviewed By

Kathleen

☐ 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 #2- 1340 hp Cat G3516LE	Unit #3 - 1340 hp Cat G3516LE	Dehy
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
CALENDAR YEAR TOTAL	-----	8609	680	8760

Engine #3 started up on November 2, 2010.

2010 FUEL USE METER MONITORING LOG (MMScf/Mth) (enter fuel meter reading or 'N/A' as applicable)				
Month/Year	Operator Name	Unit #2- 1340 hp Cat G3516LE	Unit #3 - 1340 hp Cat G3516LE	Dehy
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
CALENDAR YEAR TOTAL	-----	71.37432	6.7456	0.844

Upper Plant 2010

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

Lower Plant 2010

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