



# Department of Environmental Quality

To protect, conserve and enhance the quality of Wyoming's environment for the benefit of current and future generations.



Matthew H. Mead, Governor

John Corra, Director

February 21, 2012

Ms. Jennifer Knowlton  
Compliance Engineer  
Rowdy Pipeline, LLC  
105 South Fourth Street  
Artesia, NM 88210

RE: Notice of Violation

Dear Ms. Knowlton:

Enclosed you will find a Notice of Violation (NOV) issued to Rowdy Pipeline, LLC by the Department of Environmental Quality, Air Quality Division, for the failure to conduct the required VOC and formaldehyde testing at the West Hensley, Bluebird and Casper Compressor Stations as required by permits MD-7945, CT-8423 and CT-9962. In addition, engines at the West Hensley Compressor Station were tested for NOx and CO using the incorrect test protocol, rather than performing the appropriate three one hour tests designated in 40 CFR Part 60, Subpart JJJJ Standards of Performance for Stationary Spark Ignition Internal Combustion Engines.

As the Department and this Division consider the failure to comply with air quality permitting requirements to be a serious matter, I am considering recommending the Department refer this violation to the State Attorney General's office requesting a suit be filed in District Court to recover appropriate penalties. If you would like to discuss settlement of this Notice of Violation prior to referral to the Attorney General's office, please contact Ms. Karen Godman, Air Quality Compliance Program Principal, at 307-777-8601 no later than ten (10) days after receipt of this letter.

Should you have any questions or comments regarding this matter, please feel free to contact me or Ms. Karen Godman.

Sincerely,

Steven A. Dietrich  
Administrator  
Air Quality Division

cc: Robert Gill  
Tanner Shatto  
Nancy Vehr  
Keith Guille



**BEFORE THE  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
STATE OF WYOMING**

IN THE MATTER OF THE NOTICE OF VIOLATION )  
ISSUED TO ROWDY PIPELINE, LLC, ) DOCKET NO. 4963-12  
MS. JENNIFER KNOWLTON, )  
COMPLIANCE ENGINEER, )  
105 SOUTH FOURTH STREET )  
ARTESIA, NEW MEXICO 88210 )

**NOTICE OF VIOLATION**

**NOTICE IS HEREBY GIVEN THAT:**

1. The Department of Environmental Quality, Division of Air Quality, has found Rowdy Pipeline, LLC to be in violation of permits MD-7945, CT-8423 and CT-9962 issued in accordance with W.S. 35-11-801 of the Wyoming Environmental Quality Act and Chapter 6, Section 2 of the Wyoming Air Quality Standards and Regulations in the operation of the West Hensley Compressor Station, Bluebird Compressor Station and Casper Compressor Station located in Campbell County and Johnson County Wyoming.

2. W.S. 35-11-801 states, "In granting permits, the director may impose such conditions as may be necessary to accomplish the purpose of this act which are not inconsistent with the existing rules, regulations and standards."

3. Chapter 6, Section 2 of the Wyoming Air Quality Standards and Regulations prescribes the applicability and procedures for issuing permits to sources under Wyoming's construction and modification permitting program.

4. MD-7945 was issued to Rowdy Pipeline, LLC on December 29, 2008 for the West Hensley Compressor Station. Condition 15a. of permit MD-7945 requires Rowdy Pipeline, LLC to perform annual testing of engines as follows:

"That every 12 calendar months, engines (E1-E6) shall be tested to verify compliance with the NO<sub>x</sub>, CO, and VOC limits set forth in this permit. Annual tests for each engine are required within 12 calendar months after completion of the initial performance test or the last periodic test. Compliance with the CO limit is considered verification that the formaldehyde emissions from the lean burn engines are controlled. Testing for NO<sub>x</sub>, CO and VOCs shall follow 40 CFR part 60, subpart JJJJ §60.4244. Notification of the test date shall be provided to the Division fifteen (15) days prior to testing. Results of the tests shall be submitted to the Division within 45 days of completing the tests."

5. 40 CFR Part 60, Subpart JJJJ *Standards of Performance for Stationary Spark Ignition Internal Combustion Engines* § 60.4244 requires that three separate test runs for each performance test be conducted and that each test run be conducted within 10 percent of 100 percent peak (or highest achievable) load and last at least one hour.

6. During records review of the West Hensley Compressor Station it was discovered that VOC testing wasn't conducted on three engines. Unit 252 (Caterpillar 3516 Engine, S/N: 4EK03375) had not been tested in 2009 or 2010. Unit 251 (Caterpillar G3408 Engine, S/N: 6NB02228) had not been tested in 2009 or 2010. Unit 253 (AJAX 2802 Engine Unit 253, S/N: 84905) had not been tested in 2010. VOC testing for these engines was not performed as required by condition 15a. of MD-7945. It was also noted that the NO<sub>x</sub> and CO testing conducted for all three of these engines consisted of one 21-minute test, not the required three one hour tests.

7. CT-8423 was issued to Rowdy Pipeline, LLC on January 8, 2009 for the Bluebird Compressor Station. Condition 9(i.) of permit CT-8423 requires Rowdy Pipeline, LLC to perform formaldehyde testing of engines as follows:

“Initial performance tests, as required by Condition 8 of this permit, shall be conducted on the following sources:

- i. Rich burn/Lean burn (E1-E4), Caterpillar G3516LE (E5-E6), Ajax 2802LE (E7):

NO<sub>x</sub>, CO, and VOC Emissions: Testing shall follow 40 CFR part 60, subpart JJJJ §60.4244, except that §60.8 only applies to engines subject to 40 CFR part 60, subpart JJJJ. For the initial performance test, testing shall not consist of Method 19 or ASTM Methods.

Formaldehyde Emissions (Lean Burns Only): The first engine in operation of each type shall be tested for formaldehyde. Testing shall consist of three 1-hour tests following EPA Reference Methods and a Division approved formaldehyde test method.”

8. During records review of the Bluebird Compressor Station it was discovered that formaldehyde testing wasn't conducted on an engine (Waukesha H24GL Engine S/N: 12979/1) for the year 2010 as required by condition 9(i.) of CT-8423.

9. CT-9962 was issued to Rowdy Pipeline, LLC on February 9, 2010 for the Casper Compressor Station. Condition 10(i) of permit CT-9962 requires Rowdy Pipeline, LLC to perform formaldehyde testing of engines as follows:

“Initial performance tests, as required by Condition 9 of this permit, shall be conducted each time a new engine is installed for units E1-E6:

- i. 4-stroke rich burn/lean burn (E1-E6):

NO<sub>x</sub>, CO, and VOC Emissions: Testing shall follow 40 CFR part 60, subpart JJJJ §60.4244, except that §60.8 only applies to engines subject to 40 CFR part 60, subpart JJJJ. For the initial performance test, testing shall not consist of Method 19 or ASTM Methods.

Formaldehyde Emissions (Lean Burns Only): The first engine of each type in operation shall be tested for formaldehyde. Testing shall consist of three 1-hour tests following EPA Reference Methods and a Division approved formaldehyde test method.”

10. During records review of the Casper Compressor Station it was discovered that formaldehyde testing wasn't conducted on one engine (Waukesha H24GL, S/N:C-12999/1) for the year 2010 as required by condition 15a. of MD-7945

11. Said violation consists of the failure to conduct the required VOC and/or formaldehyde testing at the West Hensley, Bluebird and Casper Compressor Stations as required by permits MD-7945, CT-8423 and CT-9962. In addition, engines at the West Hensley Compressor Station were tested for NO<sub>x</sub> and CO using the incorrect test. 40 CFR Part 60, Subpart JJJJ *Standards of Performance for Stationary Spark Ignition Internal Combustion Engines* § 60.4244 requires that three separate test runs for each performance test be conducted and that each test run be conducted within 10 percent of 100 percent peak (or highest achievable) load and last at least one hour.

12. Under W.S. 35-11-901(a), any person who violates any provision of Article 2 of [the Environmental Quality Act] ... or any rule, regulation, standard or permit adopted pursuant to those provisions, or who violates any determination or order of the council pursuant to Article 2 of [the Environmental Quality

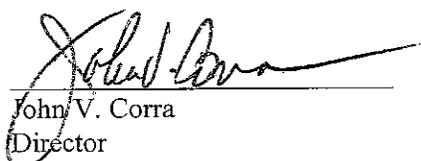
Act] ... is subject to a penalty not to exceed ten thousand dollars (\$10,000.00) for each violation for each day during which the violation continues, a temporary or permanent injunction, or both a penalty and an injunction.

13. This notice is being sent to you pursuant to W.S. 35-11-701(c), which requires that, in any case of failure to correct or remedy an alleged violation, the Director of the Department of Environmental Quality shall cause a written notice to be issued and served upon the person alleged to be responsible.

DATED this 21 day of FEBRUARY, 2012.



Steven A. Dietrich  
Administrator  
Air Quality Division



John V. Corra  
Director  
Department of Environmental Quality

Please direct all inquiries to Steven A. Dietrich, Administrator, Division of Air Quality, Department of Environmental Quality, Herschler Building, 2nd Floor, 122 W. 25th Street, Cheyenne, Wyoming 82002. (Telephone: 307/777-7393)