

**MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY  
OPERATING PERMIT TECHNICAL REVIEW DOCUMENT**

**Permitting and Compliance Division  
1520 E. Sixth Avenue  
P.O. Box 200901  
Helena, Montana 59620-0901**

WBI Energy Transmission, Inc.  
Baker Booster and Sandstone Creek Compressor Station  
Section 2, Township 7 North, Range 59 East - Fallon County  
2010 Montana Avenue  
Glendive, Montana 59330

The following table summarizes the air quality programs testing, monitoring, and reporting requirements applicable to this facility.

| <b>Facility Compliance Requirements</b>   | <b>Yes</b> | <b>No</b> | <b>Comments</b>                        |
|---|------------|-----------|--|
| Source Tests Required   | X          |           | Portable Analyzer                      |
| Ambient Monitoring Required   |            | X         |  |
| COMS Required   |            | X         |  |
| CEMS Required   |            | X         |  |
| Schedule of Compliance Required   |            | X         |  |
| Annual Compliance Certification and Semiannual Reporting Required   | X          |           | As Required                            |
| Monthly Reporting Required  |            | X         |  |
| Quarterly Reporting Required  |            | X         |  |
| <b>Applicable Air Quality Programs</b>  |            |           |  |
| Administrative Rules of Montana (ARM) Subchapter 7 – Montana Air Quality Permit (MAQP)                                      | X          |           | MAQP #3301-00                          |
| New Source Performance Standards (NSPS)   |            | X         |  |
| National Emission Standards for Hazardous Air Pollutants (NESHAPS)  |            | X         | Except for 40 CFR 61, Subpart M        |
| Maximum Achievable Control Technology (MACT)  | X          |           | 40 CFR 63, Subpart ZZZZ and Subpart HH |
| Major New Source Review (NSR) – includes Prevention of Significant Deterioration (PSD) and/or Non-attainment Area (NAA) NSR |            | X         |  |
| Risk Management Plan Required (RMP)   |            | X         |  |
| Acid Rain Title IV  |            | X         |  |
| Compliance Assurance Monitoring (CAM)   | X          |           |  |
| State Implementation Plan (SIP)   | X          |           |  |

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## SECTION I. GENERAL INFORMATION

### A. Purpose

This document establishes the basis for the decisions made regarding the applicable requirements, monitoring plan, and compliance status of emissions units affected by the operating permit proposed for this facility. The document is intended for reference during review of the proposed permit by the Environmental Protection Agency (EPA) and the public. It is also intended to provide background information not included in the operating permit and to document issues that may become important during modifications or renewals of the permit. Conclusions in this document are based on information provided in the initial Title V application submitted by WBI Energy Transmission, Inc. (WBI) on January 18, 2012. Information was also taken from Montana Air Quality Permits (MAQP) for the Baker Booster and Sandstone Creek Compressor Station issued April 27, 2004; June 6, 2007; May 9, 2011; and April 5, 2012.

### B. Facility Location

WBI owns and operates the Baker Booster and Sandstone Creek Compressor Station. This facility is sited approximately 1.5 miles North of Baker, Montana and immediately East of Pennel Road. Northeast ¼ of Section 2, Township 7 North, Range 59 East - Fallon County. Fallon County is designated as an Unclassifiable/Attainment area for National Ambient Air Quality Standards (NAAQS) for all criteria pollutants.

### C. Facility Background Information

#### Montana Air Quality Permit

On April 27, 2004, WBI was issued MAPQ #3301-00 for the construction and operation of five (5) 1,680 brake-horsepower (bhp) compressor engines, a single 0.75 million British thermal units per hour (MMBtu/hr) triethylene glycol dehydration unit, and miscellaneous natural gas-fired heaters. The permitted facility was constructed and operated for the purpose of natural gas gathering activities under Standard Industrial Classification (SIC) Code 1311 and North American Industry Classification System (NAICS) Code 211111.

On March 22, 2007, the Montana Department of Environmental Quality-Air Resources Management Bureau (Department) received a request from WBI to administratively amend MAQP #3301-00. Specifically, WBI permitted five, 1680-bhp capacity Waukesha compressor engines for the purpose of providing natural gas gathering services at the Baker Booster Compressor Station. WBI proposed to continue to maintain the five previously permitted engines; however, WBI dedicated two of the engines for the purpose of natural gas transmission services under SIC 4922 and NAICS Code 486210. The two engines used for transmission services are located within the Baker Booster Tract and adjacent to the existing Baker Booster Compressor Station. The new adjacent station was designated the Sandstone Creek Compressor Station and the affected engines were named Sandstone Creek Unit #1 and Sandstone Creek Unit #2. The overall permitted facility is referred to as the WBI Baker Booster and Sandstone Creek Compressor Stations. All limits and conditions established under MAQP #3301-00 and applicable to the affected Waukesha engines remained the same. **MAQP #3301-01** replaced MAQP #3301-00.

On January 10, 2011, the Department received a permit modification request from WBI with additional information received on February 25, 2011. With this permit action, WBI proposed to add one additional 1,680 bhp Waukesha compressor engine to five existing 1,680 bhp compressor engines. The new engine was added to the Sandstone Creek Compressor Station and the affected engine was named Sandstone Creek Unit #3. **MAQP #3301-02** replaced MAQP #3301-01. With the

installation of the Sandstone Creek Unit #3 compressor engine, potential emissions for carbon monoxide (CO) exceeded the Title V major source threshold. WBI was required to submit a Title V Operating Permit application within 12 months after the source (Sandstone Creek Unit #3) became subject to the program pursuant to ARM 17.8.1205.

On January 18, 2012, the Department received an MAQP modification application and the initial Title V Operating Permit application congruently. With the MAQP application, WBI proposed the installation of one additional 1,680 bhp capacity Waukesha compressor engine to the Baker Booster Station for the purpose of providing natural gas gathering services. The affected engine was identified as Booster LP1a. **MAQP #3301-03** replaced MAQP #3301-02.

Title V Operating Permit

On January 18, 2012, WBI submitted the initial Title V Operating Permit application for the Baker Booster and Sandstone Creek Compressor Station. The Title V Operating Permit application, assigned permit number **#OP3301-00**, was deemed administratively and technically complete on February 15, 2012. A subsequent correspondence was received requesting a change in the name of the facility from Williston Basin Interstate Pipeline Company to WBI Energy Transmission, Inc.

**D. Taking and Damaging Analysis**

HB 311, the Montana Private Property Assessment Act, requires analysis of every proposed state agency administrative rule, policy, permit condition or permit denial, pertaining to an environmental matter, to determine whether the state action constitutes a taking or damaging of private real property that requires compensation under the Montana or U.S. Constitution. As part of issuing an operating permit, the Department is required to complete a Taking and Damaging Checklist. As required by 2-10-101 through 2-10-105, MCA, the Department conducted the following private property taking and damaging assessment.

| YES | NO |  |
|-----|----|--|
| X   |    | 1. Does the action pertain to land or water management or environmental regulation affecting private real property or water rights?                              |
|     | X  | 2. Does the action result in either a permanent or indefinite physical occupation of private property?   |
|     | X  | 3. Does the action deny a fundamental attribute of ownership? (ex.: right to exclude others, disposal of property)   |
|     | X  | 4. Does the action deprive the owner of all economically viable uses of the property?  |
|     | X  | 5. Does the action require a property owner to dedicate a portion of property or to grant an easement? [If no, go to (6)].                                       |
|     |    | 5a. Is there a reasonable, specific connection between the government requirement and legitimate state interests?  |
|     |    | 5b. Is the government requirement roughly proportional to the impact of the proposed use of the property?  |
|     | X  | 6. Does the action have a severe impact on the value of the property? (consider economic impact, investment-backed expectations, character of government action) |
|     | X  | 7. Does the action damage the property by causing some physical disturbance with respect to the property in excess of that sustained by the public generally?    |
|     | X  | 7a. Is the impact of government action direct, peculiar, and significant?  |
|     | X  | 7b. Has government action resulted in the property becoming practically inaccessible, waterlogged or flooded?  |

| YES | NO |   |
|-----|----|---|
|     | X  | 7c. Has government action lowered property values by more than 30% and necessitated the physical taking of adjacent property or property across a public way from the property in question?   |
|     | X  | Takings or damaging implications? (Taking or damaging implications exist if YES is checked in response to question 1 and also to any one or more of the following questions: 2, 3, 4, 6, 7a, 7b, 7c; or if NO is checked in response to questions 5a or 5b; the shaded areas) |

Based on this analysis, the Department determined there are no taking or damaging implications associated with this permit action.

**E. Compliance Designation**

The Department conducted an inspection of the Baker Booster and Sandstone Compressor Station on October 15, 2008. No outstanding compliance issues were identified at the time of the inspection. All emitting units at the facility appeared to be in compliance during the Field Compliance Inspection. In addition to the on-site inspection, the Department conducted a review of reports/records submitted by WBI during the period from October 27, 2006, through November 14, 2008, to encompass a Full Compliance Evaluation (FCE).

No warning or violation letters were issued and no air quality enforcement activities have occurred during the compliance monitoring time period. Based on findings at the time of the facility inspection and review of reports and records, the Department, determined that WBI was in compliance with applicable permit conditions.

## SECTION II. SUMMARY OF EMISSION UNITS

### A. Facility Process Description

The Baker Booster and Sandstone Creek Compressor Station is used draw natural gas directly from the production field and subsequently compress gas for transmission through long-haul pipelines for transport to natural gas markets. The Standard Industrial Classification (SIC) for this facility is “Natural Gas Gathering” under SIC Code 1311 and “Natural Gas Transmission” which has an SIC Code of “4922”.

### B. Emission Units and Pollution Control Device Identification

The following table summarizes the permitting equipment at the Baker Booster and Sandstone Creek Compressor Station.

| Emissions Unit ID | Description   | Pollution Control Device/Practice  |
|-------------------|---|--|
| EU001             | 1,680 brake-horsepower (bhp) Waukesha L7044 GSI Four-Stroke Rich-Burn (4SRB) Reciprocating Compressor Engine (Booster #1) | Non-Selective Catalytic Reduction (NSCR) Unit / Air-to-Fuel (AFR) Ratio Controller |
| EU002             | 1,680 bhp Waukesha L7044 GSI 4SRB Reciprocating Compressor Engine (Booster #2)  | NSCR Unit / AFR Controller   |
| EU003             | 1,680 bhp Waukesha L7044 GSI 4SRB Reciprocating Compressor Engine (Booster #3)  | NSCR Unit / AFR Controller   |
| EU004             | 1,680 bhp Waukesha L7044 GSI 4SRB Reciprocating Compressor Engine (Booster LP #1a)  | NSCR Unit / AFR Controller   |
| EU005             | 1,680 bhp Waukesha L7044 GSI 4SRB Reciprocating Compressor Engine (Sandstone #1)  | NSCR Unit / AFR Controller   |
| EU006             | 1,680 bhp Waukesha L7044 GSI 4SRB Reciprocating Compressor Engine (Sandstone #2)  | NSCR Unit / AFR Controller   |
| EU007             | 1,680 bhp Waukesha L7044 GSI 4SRB Reciprocating Compressor Engine (Sandstone #3)  | NSCR Unit / AFR Controller   |
| EU008             | 0.75 Million British Thermal Unit per Hour (MMBtu/hr) Triethylene glycol Dehydration Unit                                 | None   |

### C. Categorically Insignificant Sources/Activities

ARM 17.8.1201(22)(a) defines an insignificant emissions unit as one that emits less than 5 tons per year of any regulated pollutant, has the potential to emit less than 500 pounds per year of lead or any Hazardous Air Pollutant (HAP), and is not regulated by any applicable requirement other than a generally applicable requirement.

| Emissions Unit ID | Description   |
|-------------------|---|
| IEU01             | Modine 0.2 MMBtu/hr N.G. Shop Heater  |
| IEU02             | AO Smith 0.032 MMBtu/hr N.G. Water Heater   |
| IEU03             | Weil-McLain 0.155 MMBtu/hr N.G. Boiler  |
| IEU04             | Mr. Heater MHU45 0.045 MMBtu/hr N.G. Shop Heater                                  |
| MISC1             | Fugitive emissions from valves, flanges, open-ended lines, compressor seals, etc. |

## SECTION III. PERMIT CONDITIONS

### A. Emission Limits and Standards

The 1,680 bhp Waukesha Compressor Engines are limited to 3.70 lb/hr for NO<sub>x</sub>, 4.44 lb/hr for CO, and 1.85 lb/hr for VOC. The emission limits are based on ARM 17.8.752 Best Available Control Technology (BACT) determinations that were established by the Department. Emissions from each of the compressor engines are required to be controlled by a NSCR unit and AFR controller. The pound per hour limits were established as BACT in the initial MAQP application using 1.0 gram per horsepower-hour (g/Hp-hr) for NO<sub>x</sub> and 0.5 g/Hp-hr for VOC. Further, WBI proposed a 1.2 g/Hp-hr CO limit for the purpose of meeting the requirements of a Title V synthetic minor source to initially avoid the need to obtain a Title V operating permit.

In addition, emissions from each of the engines are limited to 20% opacity averaged over 6 consecutive minutes and particulate matter caused by the combustion of fuel is limited to  $E=1.026 \cdot H^{0.233}$ . Further, fuel burned in the engines must not contain sulfur compounds in excess of 50 grains per 100 standard cubic feet of gaseous fuel, calculated as hydrogen sulfide at standard conditions.

### B. Monitoring Requirements

ARM 17.8.1212(1) requires that all monitoring and analysis procedures or test methods required under applicable requirements are contained in operating permits. In addition, when the applicable requirement does not require periodic testing or monitoring, periodic monitoring must be prescribed that is sufficient to yield reliable data from the relevant time period that is representative of the source's compliance with the permit.

The requirements for testing, monitoring, recordkeeping, reporting, and compliance certification sufficient to assure compliance do not require the permit to impose the same level of rigor for all emission units. Furthermore, they do not require extensive testing or monitoring to assure compliance with the applicable requirements for emission units that do not have significant potential to violate emission limitations or other requirements under normal operating conditions. When compliance with the underlying applicable requirement for an insignificant emissions unit is not threatened by lack of regular monitoring and when periodic testing or monitoring is not otherwise required by the applicable requirement, the status quo (**i.e., no monitoring**) will meet the requirements of ARM 17.8.1212(1). Therefore, the permit does not include monitoring for insignificant emission units.

The permit includes periodic monitoring or recordkeeping for each applicable requirement. The information obtained from the monitoring and recordkeeping will be used by the permittee to periodically certify compliance with the emission limits and standards. However, the Department may request additional testing to determine compliance with the emission limits and standards.

### C. Test Methods and Procedures

Compliance with the opacity, particulate from fuel combustion, sulfur compounds in fuel (gaseous), and VOC limitations in the permit may be demonstrated by burning pipeline quality natural gas (as defined by WBI's Federal Energy Regulatory Commission (FERC) gas tariff) on an ongoing basis.

Title V Operating Permit #OP3301-00 contains requirements for semiannual testing with a portable analyzer for NO<sub>x</sub> and CO on the compressor engines (EU001-EU007). The permit stipulates that the portable analyzer shall be capable of achieving performance specifications equivalent to the traditional test methods in 40 CFR 60, Appendix A, or shall be capable of meeting the requirements of EPA Conditional Test Method 030 for the "Determination of Nitrogen Oxides, Carbon Monoxide,

and Oxygen Emissions from Natural Gas-Fired Engines, Boilers and Process Heaters Using Portable Analyzers.” WBI may use another testing procedure as approved in advance by the Department. All compliance source tests must be conducted in accordance with the Montana Source Test Protocol and Procedures Manual (ARM 17.8.106). WBI will then convert the NO<sub>x</sub> and CO emissions test results from a parts per million (ppm) concentration to a lb/hr and g/bhp-hr emission rate as necessary. Stack gas flow rates shall be determined using EPA Test Methods in 40 CFR 60, Appendix A in order to monitor compliance with the emissions limitations in the permit.

The Department will use the portable analyzer testing results as a direct measure of compliance. The operating permit may not require testing for all sources if routine monitoring is used to determine compliance, but the Department has the authority to require testing if deemed necessary to determine compliance with an emission limit or standard. In addition, the WBI may elect to voluntarily conduct compliance testing to confirm its compliance status.

**D. Recordkeeping Requirements**

The permittee is required to keep all records listed in the operating permit as a permanent business record for at least 5 years following the date of the generation of the record.

**E. Reporting Requirements**

Reporting requirements are included in the permit for each emissions unit and Section V of the operating permit "General Conditions" explains the reporting requirements. However, the permittee is required to submit semi-annual and annual monitoring reports to the Department and to annually certify compliance with the applicable requirements contained in the permit. The reports must include a list of all emission limit and monitoring deviations, the reason for any deviation, and the corrective action taken as a result of any deviation.

**F. Public Notice**

In accordance with ARM 17.8.1232, a public notice was published in the *Fallon County Times* newspaper on or before November 30, 2012. The Department provided a 30-day public comment period on the draft operating permit from November 30, 2012, to December 31, 2012. ARM 17.8.1232 requires the Department to keep a record of both comments and issues raised during the public participation process. The comments and issues received by December 31, 2012, will be summarized, along with the Department's responses, in the following table. All comments received during the public comment period will be promptly forwarded to WBI so they may have an opportunity to respond to these comments as well.

**Summary of Public Comments**

| Person/Group Commenting | Comment              | Department Response |
|-------------------------|----------------------|---------------------|
|                         | No Comments Received |                     |



## G. Draft Permit Comments

### Summary of Permittee Comments

| Permit Reference                               | Permittee Comment  | Department Response   |
|--|--|---|
| Table of Contents, Section III.B               | For consistency, WBI requested a change the emitting unit name from EI007 to EU007   | Change made as requested.   |
| Section III.B                                  | WBI requested the inclusion of language to allow for the like kind replacement of the Waukesha 7044GSI Compressor engines at this facility.  | Operating permit conditions are constrained by that of the MAQP issued for the facility. Therefore, the MAQP must go through an amendment to incorporate said changes prior to the operating permit.  |
| Section III.B.11                               | WBI requested the addition of language that waives testing requirements for semiannual periods in which the emitting units do not operate or operate on a very limited basis.  | The Department agreed to the request and included test waiver language for compressor engines which operate less than 500 hours during a testing period.  |
| Section III.B.12                               | Current language for NSCR units and AFR controllers stipulate that operation and maintenance be in accordance with manufacturers' specifications. WBI requested the flexibility to "operate and maintain" the NSCR units and AFR controllers based on internally developed protocol. | The Department agreed to this request and has altered language to allow WBI flexibility in the operation and maintenance program utilized.  |
| Section III.B.16                               | WBI requested simplified language for the recordkeeping requirements associated with semi-annual emissions testing, similar to other WBI operating permits. This would allow for flexibility in the testing and subsequent recordkeeping process.                                    | The Department agreed to this request, as all test protocol and associated recordkeeping must be approved by the department.  |
| Appendix E, Section II – Indicator #1          | WBI requested a change in language which pertained to matching load conditions for subsequent readings, as compared to conditions at the time the baseline pressure was established  | The Department agreed to this request and has changed the statement to read "These conditions will be matched as closely as possible/practicable when subsequent differential pressure readings are taken."   |
| Appendix E CAM Plan: Section II – Indicator #1 | WBI requested a change in the time allocated to complete the pressure differential readings upon engine start-up.  | The basis for monitoring the differential pressure across the catalyst and the established differential tolerance was provided within 40 CFR 63, Subpart ZZZZ. The time frame requested by WBI, was in-line with the requirements of Subpart ZZZZ, therefore the Department agreed to this request. |
| Appendix E CAM Plan: Section II – Indicator #2 | WBI requested a change to the heading of this section to more accurately represent the parameter monitored.  | The Department agreed to this request.  |
| Appendix E CAM Plan: Section II – Indicator #2 | WBI requested a change in the monitoring frequency description.  | The Department agreed to this request and changed language from "every 24 hours" to "once daily" monitoring.  |
| Appendix E CAM Plan: Section II – Indicator #2 | WBI requested removal of the word "manually" from the statement to allow for different methods of recordkeeping and removal of the statement which requires monthly high and low temperature reading to be recorded.   | The Department agreed to this request and has removed both of indicated references to allow flexibility in the method of recordkeeping and to remove redundant recordkeeping requirements.  |
| TRD Section II.B                               | WBI indicated a clerical error was made in the name of the facility  | The Department corrected the error.   |

### Summary of EPA Comments

| Permit Reference | EPA Comment          | Department Response |
|------------------|----------------------|---------------------|
|                  | No Comments Received |                     |

#### **SECTION IV. NON-APPLICABLE REQUIREMENT ANALYSIS**

Section IV of the operating permit "Non-applicable Requirements" contains the requirements that the Department determined were non-applicable. WBI did not identify any Air Quality ARM or Federal Regulations as non-applicable to the facility or to any specific emissions unit under the current operating permit application (ARM 17.8.1214). WBI shall comply with any new requirements that may become applicable during the permit term.

## SECTION V. FUTURE PERMIT CONSIDERATIONS

### A. MACT Standards

40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants (HAP) for Stationary Reciprocating Internal Combustion Engines was updated in 2010 with varied compliance dates established for affected units at area sources. The Baker Booster and Sandstone Creek Station is considered an area source for HAP emissions. Units EU001 through EU004 are considered existing sources since their initial construction commenced before June 12, 2006; therefore, as affected units they must demonstrate compliance with these standards by October 19, 2013. EU005 through EU007 are considered new sources since their initial construction commenced after June 12, 2006. An affected new source located at an area source of HAP must meet the requirement of Subpart ZZZZ by meeting the requirements of 40 CFR 60, Subpart JJJJ (See Section V.C). 40 CFR 63 Subpart ZZZZ may have applicability on future engine replacements or installations as well.

40 CFR 63, Subpart HH - National Emission Standards for Hazardous Air Pollutants from Oil and Natural Gas Production Facilities applies to each TEG Dehydration Unit located at an area source natural gas production facility that processes, upgrades, or stores natural gas prior to the point at which the natural gas enters the transmission and storage source category or is delivered to a final end user. The TEG dehydration unit at the Baker Booster and Sandstone Creek Compressor Station receives natural gas directly from the production field prior to processing and is therefore subject to the area source requirements in 40 CFR 63, Subpart HH.

### B. NESHAP Standards

As of the draft issuance date of Title V Operating Permit #OP3301-00, the Department is unaware of any future NESHAP rules that may be promulgated that will affect this facility.

### C. NSPS Standards

Under 40 CFR 60, Subpart JJJJ - Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (SI ICE) affected engines at the Baker Booster and Sandstone Creek Compressor Station are those stationary SI ICE with a maximum engine power greater than or equal to 500 hp that commenced construction after June 12, 2006, where the engines were manufactured on or after July 1, 2007. For the purpose of Subpart JJJJ, commence construction is the date the engine is ordered and the date of manufacture means the date the engine was originally produced.

EU001 through EU004 are not affected sources under Subpart JJJJ as they were constructed prior to June 12, 2006. Unit EU005 through EU007 were constructed after June 12, 2006 but manufactured prior to July 1, 2007, and therefore not subject to 40 CFR Subpart JJJJ. 40 CFR 60 Subpart JJJJ may have applicability on future engine replacements or installations.

### D. Risk Management Plan

As of draft issuance date of Title V Operating Permit #OP3301-00, this facility does not exceed the minimum threshold quantities for any regulated substance listed in 40 CFR 68.115 for any facility process. Consequently, this facility is not required to submit a Risk Management Plan.

If a facility has more than a threshold quantity of a regulated substance in a process, the facility must comply with 40 CFR 68 requirements no later than June 21, 1999; three years after the date on which a regulated substance is first listed under 40 CFR 68.130; or the date on which a regulated substance is first present in more than a threshold quantity in a process, whichever is later.

## **E. CAM Applicability**

An emitting unit located at a Title V facility that meets the following criteria listed in ARM 17.8.1503 is subject to Subchapter 15 and must develop a CAM Plan for that unit:

- The emitting unit is subject to an emission limitation or standard for the applicable regulated air pollutant;
- The emitting unit uses a control device to achieve compliance with such limit; and
- The emitting unit has potential pre-control device emissions of an applicable regulated air pollutant that is greater than the major source threshold.

Units EU001 through EU007 meet the criteria listed in ARM 17.8.1503 and therefore require a CAM plan. These emitting units have potential pre-control device emissions greater than 100 tons per year and for NO<sub>x</sub> and CO and employ an NSCR unit and AFR controller to maintain emissions below the respective applicable emission limit for these pollutants. The CAM plan supplied by WBI can be found in Appendix E of Title V Operating Permit #OP3301-00.

## **F. PSD and Title V Greenhouse Gas Tailoring Rule**

On May 7, 2010, EPA published the “light duty vehicle rule” (Docket # EPA-HQ-OAR- 2009-0472, 75 FR 25324) controlling greenhouse gas (GHG) emissions from mobile sources, whereby GHG became a pollutant subject to regulation under the Federal and Montana Clean Air Act(s). On June 3, 2010, EPA promulgated the GHG “Tailoring Rule” (Docket # EPA-HQ-OAR-2009-0517, 75 FR 31514) which modified 40 CFR Parts 51, 52, 70, and 71 to specify which facilities are subject to GHG permitting requirements and when such facilities become subject to regulation for GHG under the PSD and Title V programs.

Under the Tailoring Rule, any PSD action (either a new major stationary source or a major modification at a major stationary source) taken for a pollutant or pollutants other than GHG that would become final on or after January 2, 2011, would be subject to PSD permitting requirements for GHG if the GHG increases associated with that action were at or above 75,000 TPY of carbon dioxide equivalent (CO<sub>2</sub>e) and greater than 0 TPY on a mass basis. Similarly, if such action were taken, any resulting requirements would be subject to inclusion in the Title V Operating Permit. Facilities which hold Title V permits due to criteria pollutant emissions over 100 TPY would need to incorporate any GHG applicable requirements into their operating permits for any Title V action that would have a final decision occurring on or after January 2, 2011.

Starting on July 1, 2011, PSD permitting requirements would be triggered for modifications that were determined to be major under PSD based on GHG emissions alone, even if no other pollutant triggered a major modification. In addition, sources that are not considered PSD major sources based on criteria pollutant emissions would become subject to PSD review if their facility-wide potential emissions equaled or exceeded 100,000 TPY of CO<sub>2</sub>e and 100 or 250 TPY of GHG on a mass basis depending on their listed status in ARM 17.8.801(22) and they undertook a permitting action with increases of 75,000 TPY or more of CO<sub>2</sub>e and greater than 0 TPY of GHG on a mass basis. With respect to Title V, sources not currently holding a Title V permit that have potential facility-wide emissions equal to or exceeding 100,000 TPY of CO<sub>2</sub>e and 100 TPY of GHG on a mass basis would be required to obtain a Title V Operating Permit.

Based on information provided by WBI, Baker Booster and Sandstone Creek Compressor Station’s potential emissions fall below the GHG major source threshold of 100,000 TPY of CO<sub>2</sub>e for both Title V and PSD under the Tailoring Rule.