

May 29, 2015

BY: U.S. CERTIFIED MAIL, RETURN RECEIPT REQUESTED

7014 3490 0000 0448 3986

William F. Durham Director, Division of Air Quality WVDEP 601 57th Street Charleston, WV 25304

RE: <u>Dominion Transmission, Inc. – Title V Renewal Application</u> Deep Valley Compressor Station – R30-09500007-2010

Dear Mr. Durham:

Enclosed please find the Title V Renewal Application for Dominion Transmission, Inc.'s Deep Valley Compressor Station, Permit No. R30-09500007-2010. The enclosure consists of one hard copy and two cd copies of the application that includes all attachments.

A separate R13 modification application for Deep Valley was sent into WVDEP on March 31, 2015. That modification includes the replacement of the existing:

- Dehydration unit,
- · Associated reboiler, and
- Control device

Per correspondence with WVDEP, this Title V Renewal Application has not been updated with these changes.

As part of the renewal application, we request the following change to the Title V permit:

Section 6.0 – Emergency Generators

We request that the G60-C029 requirements be spelled out and included in the Title V permit (instead of just attached to the Title V permit) to improve clarity and ensure compliance. Therefore, all requirements for the facility will be in one permit (Title V).

If you require any additional information, please contact Rebekah Remick at (804) 273-3536 or via email at Rebekah.J.Remick@dom.com.

Sincerely, France Conale

Amanda B. Tornabene

Director, Gas Environmental Services

DEP - The original

Please scan signed original/attachments and name file as: Deep Valley - Title V Renewal Application – May 2015

Please upload to Documentum

Facility:	Deep Valley Compressor Station	
Title:	Deep Valley - Title V Renewal Application – May 2015	
Document Type:	Permit Applications	
Environmental	Air – Title V General	
Program:		
Published?	Yes	

Send document link electronically to:

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DEEP VALLEY COMPRESSOR STATION DOMINION TRANSMISSION INC. APPLICATION FOR TITLE V OPERATING PERMIT RENEWAL TITLE V OPERATING PERMIT NO: R30-09500007-2010

Dominion Transmission, Inc.
Deep Valley Compressor Station
CR 56/1
Deep Valley, WV 26415

MAY 2015

DOMINION TRANMISSION, INC. DEEP VALLEY COMPRESSOR STATION

TITLE V PERMIT RENEWAL APPLICATION

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ATTACHMENTS

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Attachment B: Plot Plan

Attachment C: Process Flow Diagrams

Attachment D: Title V Equipment Table

Attachment E: Emission Unit Forms

Attachment G: Air Pollution Control Device Form

Attachment H: Compliance Assurance Monitoring (CAM) Form

**Note: There is no Attachment F for this permit application.

TITLE V PERMIT APPLICATION CHECKLIST FOR ADMINISTRATIVE COMPLETENESS

Requirement	Application
One signed copy of the application (per WVDEP email correspondence 4/16/15)	Enclosed – Section 2
Correct number of copies of the application on separate CDs or diskettes, (i.e. at least one disc per copy)	Enclosed – 2 CDs
*Table of Contents (needs to be included but not for administrative completeness)	Table of Contents
Facility Information	Section 1/Section 2
Description of process and products, including NAICS and SIC codes, and including alternative operating scenarios	Section 1 / Section 2: TV Renewal Application Form Section #14
Area map showing plant location	Attachment A
Plot plan showing buildings and process areas	Attachment B
Process flow diagram(s), showing all emission units, control equipment, emission points, and their relationships	Attachment C
Identification of all applicable requirements with a description of the compliance status, the methods used for demonstrating compliance, and a Schedule of Compliance Form (ATTACHMENT F) for all requirements for which the source is not in compliance	Not Applicable
Listing of all active permits and consent orders (if applicable)	Section 2: TV Renewal Application Form Section #21

Facility-wide emissions summary	Section 2: TV Renewal Application Form Section #23
Identification of Insignificant Activities	Section 2: TV Renewal Application Form Section #24
ATTACHMENT D – Title V Equipment Table completed for all emission units at the facility except those designated as insignificant activities	Attachment D
ATTACHMENT E – Emission Unit Form completed for each emission unit listed in the Title V Equipment Table (ATTACHMENT D) and a Schedule of Compliance Form (ATTACHMENT F) for all requirements for which the emission unit is not in compliance	Attachment E Attachment F not applicable
ATTACHMENT G – Air Pollution Control Device Form completed for each control device listed in the Title V Equipment Table (ATTACHMENT D)	Attachment G
ATTACHMENT H – Compliance Assurance Monitoring (CAM) Plan Form completed for each new control device for which the "Is the device subject to CAM?" question is answered "Yes" on the Air Pollution Control Device Form (ATTACHMENT G)	Attachment H
General Application Forms signed by a Responsible Official	Enclosed – Section 2
Confidential Information submitted in accordance with 45CSR31	Not Applicable

SECTION 1

Introduction

INTRODUCTION:

Deep Valley Station is a natural gas compressor station used to compress gas for Dominion Transmission, Inc.'s transmission pipeline system in West Virginia. Deep Valley Station is located in Deep Valley, WV.

Deep Valley Station has the potential to emit in excess of 300 tons per year of nitrogen oxides (NOx) and 100 tons per year of volatile organic compounds (VOCs). The station is classified as a major stationary source under the West Virginia Department of Environmental Protection (WVDEP) Regulation (45 CSR Part 30) and is subject to the Title V Operating Permit provisions of Part 30. Deep Valley Station is also an area source of hazardous air pollutants (HAPs) since the potential to emit is less than 10 tons per year for individual HAPs and less than 25 tons per year of combined HAPs.

Deep Valley Station was originally issued a Title V Operating Permit (Permit No: R30-09500007-2006) in 2006 for a period of five (5) years, with an expiration date of May 11, 2011. Deep Valley Station is also subject to the underlying State Operating Permit (Rule 13 Permit No: R13-1104E) and General Permit (Permit No: G60-C029). The Title V operating permit is for the operation of two (2) 800 hp natural gas fired reciprocating engines (EN01 and EN02), one (1) glycol dehydrator system (DEHY01), one (1) dehydration unit reboiler (RBR01), two (2) 192.5 hp emergency generators (EG01 and EG02), and seven (7) above ground storage tanks of various sizes (TK01 – TK07).

The last Title V renewal application was submitted in 2010, with the Title V Operating Permit Renewal being issued on November 30, 2010, with an expiration date of November 30, 2015.

PROCESS DESCRIPTION

Deep Valley Station is a compressor facility that services a natural gas pipeline system. The compressor engines (EN01 and EN02) at the facility receive natural gas flowing through a valve on the pipeline and recompresses that natural gas in order to further transport the natural gas through the pipeline system. Prior to exiting the facility through the pipeline, the compressed natural gas is processed by the dehydration unit (DEHY01). The dehydration unit removes moisture and impurities from the gas stream.

The dehydration process begins with the compressed natural gas entering the unit and then being passed through a triethylene glycol dehydration system consisting of a contactor bed, a reboiler (RBR01), and associated equipment. As a result of this process, the natural gas is stripped of moisture and impurities, along with a small amount of hydrocarbons. The wet gas enters the contactor where moisture and some hydrocarbons are absorbed into the lean glycol. The glycol, which has become rich with absorbed moisture and hydrocarbons, is regenerated in the still column (DEHY01) using the heat generated from the natural gas-fired reboiler (RBR01) to liberate the moisture and hydrocarbons, thereby, reducing overall emissions and odor. The compressed, dehydrated gas then enters the pipeline.

Listed below is a description of the equipment located at the Deep Valley Station:

Two (2) 800 hp Ajax DPC-800-H-1 natural gas-fired reciprocating engines/integral compressors

- Emission unit ID: 001-01 and 001-02
- Emission point ID: EN01 and EN02

Two (2) 192.5 hp Cummins GM 8.1L 4SRB emergency generators

Emission unit ID: 002-01 and 002-02Emission point ID: EG01 and EG02

One (1) 1.0 MMBtu/hr Tulpro Thermal natural gas-fired dehydration unit reboiler

Emission unit ID: 004-01Emission point ID: RBR01

One (1) 18.0 MMscf/day dehydration unit/still column

Emission unit ID: 003-01Emission point ID: DEHY01

One (1) 5 MMBtu/hr dehydration unit controlled flare

Emission unit ID: F1Emission point ID: F1

One (1) 1000 gallon horizontal aboveground ethylene glycol storage tank

Emission unit ID: TK01Emission point ID: TK01

One (1) 1000 gallon horizontal aboveground triethylene glycol storage tank

Emission unit ID: TK02Emission point ID: TK02

One (1) 230 gallon horizontal aboveground wastewater storage tank

Emission unit ID: TK03Emission point ID: TK03

One (1) 4000 gallon horizontal aboveground produced fluids storage tank

Emission unit ID: TK04Emission point ID: TK04

One (1) 3040 gallon horizontal aboveground lube oil storage tank

Emission unit ID: TK05Emission point ID: TK05

One (1) 500 gallon vertical aboveground waste water storage tank

Emission unit ID: TK06Emission point ID: TK06

One (1) 1000 gallon horizontal aboveground used oil storage tank

Emission unit ID: TK07Emission point ID: TK07

SECTION 2

Title V Renewal Permit Application - General Forms



WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF AIR QUALITY

601 57th Street SE Charleston, WV 25304 Phone: (304) 926-0475

www.dep.wv.gov/daq

INITIAL/RENEWAL TITLE V PERMIT APPLICATION - GENERAL FORMS

Section 1: General Information

over an injerment				
1. Name of Applicant (As registered with the V	WV 2. Facility Name or Location:			
Secretary of State's Office): Dominion Transmission, Inc.	Deep Valley Station			
Bommon Transmission, me.				
3. DAQ Plant ID No.:	4. Federal Employer ID No. (FEIN):			
095-00007	550629203			
5. Permit Application Type:				
☐ Initial Permit When	did operations commence? 1989			
□ Permit Renewal What	is the expiration date of the existing permit? 11/30/2015			
☐ Update to Initial/Renewal Permit Applicat	ion			
6. Type of Business Entity:	7. Is the Applicant the:			
☐ Corporation ☐ Governmental Agency ☐ LLC ☐ Partnership ☐ Limited Partnership	C Owner Operator Both			
8. Number of onsite employees:	If the Applicant is not both the owner and operator, please provide the name and address of the other			
0	party.			
9. Governmental Code:				
□ Privately owned and operated; 0	☐ County government owned and operated; 3			
☐ Federally owned and operated; 1	☐ Municipality government owned and operated; 4			
☐ State government owned and operated; 2	☐ District government owned and operated; 5			
10. Business Confidentiality Claims				
Does this application include confidential info	ermation (per 45CSR31)? Yes No			
If yes, identify each segment of information on each page that is submitted as confidential, and provide justification for each segment claimed confidential, including the criteria under 45CSR§31-4.1, and in accordance with the DAQ's "PRECAUTIONARY NOTICE-CLAIMS OF CONFIDENTIALITY" guidance.				

11. Mailing Address					
Street or P.O. Box: 445 West Main	n Street				
City: Clarksburg	State	State: WV		Zip: 26301	
Telephone Number: (304) 627-3225	5 Fax	Fax Number: (304) 627-3222			
12. Facility Location					
Street: CR 56/1	City: Deep Valley		County: Tyler		
UTM Easting: 511.63 km	UTM Northing: 43	354.77 km	Zone:	Zone: ⊠ 17 or □ 18	
Directions: Travel North West on St follow approximately 2 miles up Ray					
Portable Source? ☐ Yes ☐	No				
Is facility located within a nonattain	nment area? Ye	s 🛭 No	If yes, fo	or what air pollutants?	
Is facility located within 50 miles of	another state?	Yes No	If yes, n	name the affected state(s).	
Is facility located within 100 km of	a Class I Area ¹ ?	Yes No	If yes, n	name the area(s).	
If no, do emissions impact a Class I	Area ¹ ? Yes	No			
¹ Class I areas include Dolly Sods and Otter Face Wilderness Area in Virginia.	Creek Wilderness Areas in	West Virginia, and S	Shenandoah 1	National Park and James River	

13. Contact Information		
Responsible Official: Brian C. Sheppard	Title: Vice President, Pipeline Operations	
Street or P.O. Box: 445 West Main Street		
City: Clarksburg	City: Clarksburg State: WV	
Telephone Number: (304) 627-3733	Fax Number: (304)	627-3323
E-mail address: Brian.C.Sheppard@dom.co	om	
Environmental Contact: Rebekah (Becky)	Title: Environmental Specialist III	
Street or P.O. Box: 5000 Dominion Blvd.		
City: Glen Allen State: VA		Zip: 23060
Telephone Number: (804) 273-3536	273-2964	
E-mail address: Rebekah.J.Remick@dom.c	om	
Application Preparer: Rebekah (Becky) Remick		Title: Environmental Specialist III
Company: Dominion Resources, Inc.		
Street or P.O. Box: 5000 Dominion Blvd.		
City: Glen Allen	State: VA Zip: 23060	
Fax Number: (804) 273-3536		273-2964
E-mail address: Rebekah.J.Remick@dom.c	om	

14. Facility Description

List all processes, products, NAICS and SIC codes for normal operation, in order of priority. Also list any process, products, NAICS and SIC codes associated with any alternative operating scenarios if different from those listed for normal operation.

Process	Products	NAICS	SIC
Natural Gas Compressor Station	N/A	486120	4922

Provide a general description of operations.

The Deep Valley Station is a compressor facility that services a natural gas pipeline system. The purpose of the facility is to recompress natural gas flowing through a pipeline for transportation. The reciprocating engines (EN01 and EN02) at the facility receive natural gas from a valve on a pipeline and compress it to enable further transportation in the pipeline.

- 15. Provide an **Area Map** showing plant location as **ATTACHMENT A**.
- 16. Provide a **Plot Plan(s)**, e.g. scaled map(s) and/or sketch(es) showing the location of the property on which the stationary source(s) is located as **ATTACHMENT B**. For instructions, refer to "Plot Plan Guidelines."
- 17. Provide a detailed **Process Flow Diagram(s)** showing each process or emissions unit as **ATTACHMENT C**. Process Flow Diagrams should show all emission units, control equipment, emission points, and their relationships.

Section 2: Applicable Requirements

18. Applicable Requirements Summary				
Instructions: Mark all applicable requirements.				
□ SIP	□ FIP			
☑ Minor source NSR (45CSR13)	☐ PSD (45CSR14)			
	☐ Nonattainment NSR (45CSR19)			
⊠ Section 111 NSPS	☐ Section 112(d) MACT standards			
☐ Section 112(g) Case-by-case MACT	☐ 112(r) RMP			
☐ Section 112(i) Early reduction of HAP	☐ Consumer/commercial prod. reqts., section 183(e)			
☐ Section 129 Standards/Reqts.	☐ Stratospheric ozone (Title VI)			
☐ Tank vessel reqt., section 183(f)	☐ Emissions cap 45CSR§30-2.6.1			
☐ NAAQS, increments or visibility (temp. sources)	☐ 45CSR27 State enforceable only rule			
□ 45CSR4 State enforceable only rule	Acid Rain (Title IV, 45CSR33)			
☐ Emissions Trading and Banking (45CSR28)	☐ Compliance Assurance Monitoring (40CFR64)			
☐ CAIR NO _x Annual Trading Program (45CSR39)	☐ CAIR NO _x Ozone Season Trading Program (45CSR40)			
☐ CAIR SO ₂ Trading Program (45CSR41)				
19. Non Applicability Determinations				
List all requirements which the source has determined requested. The listing shall also include the rule citation				
45 CSR 10 – Compressor engines (EN01 and EN02) have been excluded from the applicability of SO_2 and H_2S limits. WVDEP determined that 45 CSR 10 is not applicable to compressor engines.				
40 CFR Subpart JJJJ – The compressor engines (EN01 and EN02) are not subject to this subpart since they were installed in 1989, before the applicability date.				
40 CFR 60 Subpart OOOO – This subpart does not apply to the facility since the facility is a gathering facility that does not have tanks constructed, modified, or reconstructed after August 23, 2011.				
40 CFR 63 Subpart HHH – This subpart does not apply to the facility since the facility is not a transmission or				
storage station and is not a major source of HAPs. 40 CFR 63 Subpart DDDDD – The reboiler (RBR01) is not subject to this subpart since it is exempt by				
§63.7491(h) and facility is not major source of HAPs.				
40 CFR 63 Subpart JJJJJJ – The reboiler (RBR01) is not applicable to this subpart since it is considered a "process heater," which is excluded from the definition of "boiler".				
Permit Shield				

20. Facility-Wide Applicable Requirements

List all facility-wide applicable requirements. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements).

- 45 CSR 6-3.1 Open Burning prohibited (TV 3.1.1; R13-1104E 3.1.1)
- 45 CSR 6-3.2 Open Burning exemption (TV 3.1.2; R13-1104E 3.1.2)
- 40 CFR Part 61 Asbestos inspection and removal (TV 3.1.3; R13-1104E 3.1.3)
- 45 CSR 15 Asbestos inspection and removal (TV 3.1.3; R13-1104E 3.1.3)
- 45 CSR 11-5.2 Standby plans for emergency episodes (TV 3.1.5; R13-1104E 3.1.6)
- 40 CFR Part 82 Subpart F Ozone depleting substances (TV 3.1.7)
- 40 CFR Part 68 Risk Management Plan (TV 3.1.8)
- 45 CSR 17 Fugitive Particulate Matter (TV 3.1.11)
- 45 CSR 13 Testing Requirements (TV 3.3.1; WV Code 22-5-4(a)(15))
- 45 CSR 30-5.1(c)(2)(A) Monitoring Recordkeeping Requirements (TV 3.4.1; R13-1104E 4.1.1)
- 45 CSR 30-5.1(c)(2)(B) Retention Recordkeeping Requirements (TV 3.4.2; R13-1104E 3.4.1)
- 45 CSR 13 Odor Recordkeeping Requirements (TV 3.4.3; R13-1104E 3.1.1)
- 40 CFR Subpart JJJJ Engine NSPS (40 CFR Part 60)
- 40 CFR Subpart HH Dehydration Unit NESHAP (40 CFR Part 63)
- 40 CFR 63 Subpart ZZZZ RICE NESHAP (40 CFR Part 63)

State Only

45 CSR 4 – No objectionable odors (TV 3.1.4; R13-1104E 3.1.4)

WV Code 22-5-4(a)(14) – The permittee is responsible for submitting, on an annual basis, an emission inventory in accordance with the submittal requirements (TV 3.1.6)

45 CSR 30-5.1(c) – Recordkeeping Requirements (TV 3.4.3)

Permit Shield			

For all facility-wide applicable requirements listed above, provide monitoring/testing / recordkeeping / reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number and/or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
45 CSR 6-3.1 – The permittee shall prohibit open burning (TV 3.1.1)
45 CSR 6-3.2 – The permittee shall notify if open burning occurs (TV 3.1.2)
40 CFR Part 61 – Prior to demolition/construction, buildings will be inspected for asbestos (TV 3.1.3)
45 CSR 15 – Prior to demolition//construction, buildings will be inspected for asbestos (TV 3.1.3)
45 CSR 11-5.2 – Upon request by the Secretary, the permittee shall prepare a standby plan (TV 3.1.5)
40 CFR Part 82 Subpart F – The permittee will prohibit maintenance, service, or repair of appliances containing ozone depleting substances (TV 3.1.7)
40 CFR Part 68 – Should the permittee become subject to 40 CFR Part 68, a RMP shall be submitted (TV 3.1.8)
45 CSR 17 – The permittee will limit fugitive emissions from the facility (TV 3.1.11)
45 CSR 30-5.1.c.2.A – Monitoring Information (TV 3.4.1; R13-1104E 4.1.1)
45 CSR 30-5.1.c.2.B – Retention of Records (TV 3.4.2; R13-1104E 3.4.1)
45 CSR 30-4.4 – The permittee shall certify and submit monitoring reports, compliance reports, and emissions statements as specified (TV 3.5.1)
45 CSR 30-8 – The permittee shall submit a certified emissions statement and pay fees on an annual basis (TV 3.5.4)
45 CSR 30-5.3.e – The permittee shall submit an annual compliance certification (TV 3.5.5)
45 CSR 30-5.1.c.3.A – The permittee shall submit semi-annual monitoring reports (TV 3.6.6)
40 CFR 60 Subpart JJJJ – For the emergency generators only: The permittee shall comply with all applicable requirements for a new, emergency, spark ignition engine.
40 CFR 63 Subpart HH – The permittee shall comply with all applicable requirements while taking the benzene exemption.
40 CFR 63 Subpart ZZZZ – For the emergency generators: The permittee shall comply with all applicable requirements for a new, emergency, spark ignition engine at an area source. Meeting the requirements for 40 CFR 60 Subpart JJJJ assures compliance with 40 CFR 63 Subpart ZZZZ. For the compressor engines: The permittee shall comply with all applicable requirements for an existing, non-emergency engine at an area source.
State Only
45 CSR 30-5.1.c – The permittee shall maintain records of all odor complaints (TV 3.4.3)
WV Code 22-5-4 (a)(15) – Stack Testing (TV 3.3.1)
WV Code 22-5-4 (a)(14) – The permittee shall submit emission inventory reports as required (TV 3.1.6)
Are you in compliance with all facility-wide applicable requirements? ☐ Yes ☐ No
If no, complete the Schedule of Compliance Form as ATTACHMENT F .

21. Active Permits/Consent Orders					
Permit or Consent Order Number	Date of Issuance MM/DD/YYYY	List any Permit Determinations that Affect the Permit (if any)			
R13-1104E	06/22/2010	N/A			
G60-C029	02/10/2011	N/A			

22. Inactive Permits/Obsolete Permit Conditions					
Permit Number Date of Issuance Permit Condition Number					
N/A					

Section 3: Facility-Wide Emissions

Potential Emissions
48.5
323.8
N/A
0.04
0.61
0.61
0.04
150.9
Potential Emissions
0.4
0.4
0.4
0.7
3.1
0.1
1.2
7.5
Potential Emissions

Greenhouse Gases (GHGs)	Potential Emissions
Carbon Dioxide (CO ₂)	7,168
Nitrous Oxide (N ₂ O)	0.01
Methane (CH ₄)	181
Hydrofluorocarbons (HFCs)	N/A
Perfluorocarbons (PFCs)	N/A
Sulfur hexafluoride (SF ₆)	N/A
CO ₂ equivalent (CO ₂ e)	11,691

 $^{^{1}}PM_{2.5}$ and PM_{10} are components of TSP. ^{2}For HAPs that are also considered PM or VOCs, emissions should be included in both the HAPs section and the Criteria Pollutants section.

Section 4: Insignificant Activities

24.	Insign	ificant Activities (Check all that apply)
\boxtimes	1.	Air compressors and pneumatically operated equipment, including hand tools.
	2.	Air contaminant detectors or recorders, combustion controllers or shutoffs.
	3.	Any consumer product used in the same manner as in normal consumer use, provided the use results in a duration and frequency of exposure which are not greater than those experienced by consumer, and which may include, but not be limited to, personal use items; janitorial cleaning supplies, office supplies and supplies to maintain copying equipment.
\boxtimes	4.	Bathroom/toilet vent emissions.
	5.	Batteries and battery charging stations, except at battery manufacturing plants.
	6.	Bench-scale laboratory equipment used for physical or chemical analysis, but not lab fume hoods or vents. Many lab fume hoods or vents might qualify for treatment as insignificant (depending on the applicable SIP) or be grouped together for purposes of description.
	7.	Blacksmith forges.
\boxtimes	8.	Boiler water treatment operations, not including cooling towers.
	9.	Brazing, soldering or welding equipment used as an auxiliary to the principal equipment at the source.
	10.	CO ₂ lasers, used only on metals and other materials which do not emit HAP in the process.
	11.	Combustion emissions from propulsion of mobile sources, except for vessel emissions from Outer Continental Shelf sources.
	12.	Combustion units designed and used exclusively for comfort heating that use liquid petroleum gas or natural gas as fuel.
	13.	Comfort air conditioning or ventilation systems not used to remove air contaminants generated by or released from specific units of equipment.
	14.	Demineralized water tanks and demineralizer vents.
	15.	Drop hammers or hydraulic presses for forging or metalworking.
	16.	Electric or steam-heated drying ovens and autoclaves, but not the emissions from the articles or substances being processed in the ovens or autoclaves or the boilers delivering the steam.
	17.	Emergency (backup) electrical generators at residential locations.
	18.	Emergency road flares.
	19.	Emission units which do not have any applicable requirements and which emit criteria pollutants (CO, NO _x , SO ₂ , VOC and PM) into the atmosphere at a rate of less than 1 pound per hour and less than 10,000 pounds per year aggregate total for each criteria pollutant from all emission units.
		Please specify all emission units for which this exemption applies along with the quantity of criteria pollutants emitted on an hourly and annual basis:
		

24.	Insign	ificant Activities (Check all that apply)
	20.	Emission units which do not have any applicable requirements and which emit hazardous air pollutants into the atmosphere at a rate of less than 0.1 pounds per hour and less than 1,000 pounds per year aggregate total for all HAPs from all emission sources. This limitation cannot be used for any source which emits dioxin/furans nor for toxic air pollutants as per 45CSR27. Please specify all emission units for which this exemption applies along with the quantity of hazardous
		air pollutants emitted on an hourly and annual basis:
	21.	Environmental chambers not using hazardous air pollutant (HAP) gases.
	22.	Equipment on the premises of industrial and manufacturing operations used solely for the purpose of preparing food for human consumption.
	23.	Equipment used exclusively to slaughter animals, but not including other equipment at slaughterhouses, such as rendering cookers, boilers, heating plants, incinerators, and electrical power generating equipment.
	24.	Equipment used for quality control/assurance or inspection purposes, including sampling equipment used to withdraw materials for analysis.
	25.	Equipment used for surface coating, painting, dipping or spray operations, except those that will emit VOC or HAP.
	26.	Fire suppression systems.
	27.	Firefighting equipment and the equipment used to train firefighters.
	28.	Flares used solely to indicate danger to the public.
\boxtimes	29.	Fugitive emission related to movement of passenger vehicle provided the emissions are not counted for applicability purposes and any required fugitive dust control plan or its equivalent is submitted.
	30.	Hand-held applicator equipment for hot melt adhesives with no VOC in the adhesive formulation.
\boxtimes	31.	Hand-held equipment for buffing, polishing, cutting, drilling, sawing, grinding, turning or machining wood, metal or plastic.
	32.	Humidity chambers.
	33.	Hydraulic and hydrostatic testing equipment.
	34.	Indoor or outdoor kerosene heaters.
\boxtimes	35.	Internal combustion engines used for landscaping purposes.
	36.	Laser trimmers using dust collection to prevent fugitive emissions.
	37.	Laundry activities, except for dry-cleaning and steam boilers.
	38.	Natural gas pressure regulator vents, excluding venting at oil and gas production facilities.
	39.	Oxygen scavenging (de-aeration) of water.
	40.	Ozone generators.
	41.	Plant maintenance and upkeep activities (e.g., grounds-keeping, general repairs, cleaning, painting, welding, plumbing, re-tarring roofs, installing insulation, and paving parking lots) provided these activities are not conducted as part of a manufacturing process, are not related to the source's primary business activity, and not otherwise triggering a permit modification. (Cleaning and painting activities qualify if they are not subject to VOC or HAP control requirements. Applied batch plant

24.	Insign	ificant Activities (Check all that apply)
		owners/operators must still get a permit if otherwise requested.)
	42.	Portable electrical generators that can be moved by hand from one location to another. "Moved by Hand" means that it can be moved without the assistance of any motorized or non-motorized vehicle, conveyance, or device.
	43.	Process water filtration systems and demineralizers.
\boxtimes	44.	Repair or maintenance shop activities not related to the source's primary business activity, not including emissions from surface coating or de-greasing (solvent metal cleaning) activities, and not otherwise triggering a permit modification.
	45.	Repairs or maintenance where no structural repairs are made and where no new air pollutant emitting facilities are installed or modified.
	46.	Routing calibration and maintenance of laboratory equipment or other analytical instruments.
	47.	Salt baths using nonvolatile salts that do not result in emissions of any regulated air pollutants. Shock chambers.
	48.	Shock chambers.
	49.	Solar simulators.
	50.	Space heaters operating by direct heat transfer.
	51.	Steam cleaning operations.
	52.	Steam leaks.
	53.	Steam sterilizers.
	54.	Steam vents and safety relief valves.
	55.	Storage tanks, reservoirs, and pumping and handling equipment of any size containing soaps, vegetable oil, grease, animal fat, and nonvolatile aqueous salt solutions, provided appropriate lids and covers are utilized.
	56.	Storage tanks, vessels, and containers holding or storing liquid substances that will not emit any VOC or HAP. Exemptions for storage tanks containing petroleum liquids or other volatile organic liquids should be based on size limits such as storage tank capacity and vapor pressure of liquids stored and are not appropriate for this list.
	57.	Such other sources or activities as the Director may determine.
	58.	Tobacco smoking rooms and areas.
	59.	Vents from continuous emissions monitors and other analyzers.

25. Equipment Table

Fill out the **Title V Equipment Table** and provide it as **ATTACHMENT D**.

26. Emission Units

For each emission unit listed in the **Title V Equipment Table**, fill out and provide an **Emission Unit Form** as **ATTACHMENT E**.

For each emission unit not in compliance with an applicable requirement, fill out a **Schedule of Compliance** Form as ATTACHMENT F.

27. Control Devices

For each control device listed in the **Title V Equipment Table**, fill out and provide an **Air Pollution Control Device Form** as **ATTACHMENT G**.

For any control device that is required on an emission unit in order to meet a standard or limitation for which the potential pre-control device emissions of an applicable regulated air pollutant is greater than or equal to the Title V Major Source Threshold Level, refer to the **Compliance Assurance Monitoring (CAM) Form(s)** for CAM applicability. Fill out and provide these forms, if applicable, for each Pollutant Specific Emission Unit (PSEU) as **ATTACHMENT H**.

28.	Certification of Truth, Accuracy and Completeness and Certification of Compliance				
Note	This Certification must be signed by a responsible official. The original , signed in blue ink , must be submitted with the application. Applications without an original signed certification will be considered as incomplete.				
a. (a. Certification of Truth, Accuracy and Completeness				
I certify that I am a responsible official (as defined at 45CSR§30-2.38) and am accordingly authorized to make this submission on behalf of the owners or operators of the source described in this document and its attachments. I certify under penalty of law that I have personally examined and am familiar with the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine and/or imprisonment.					
b. (Compliance Certification				
Except for requirements identified in the Title V Application for which compliance is not achieved, I, the undersigned hereby certify that, based on information and belief formed after reasonable inquiry, all air contaminant sources identified in this application are in compliance with all applicable requirements.					
Res	ponsible official (type or print)				
Nan	ne: Brian C. Sheppard Title: Vice President, Pipeline Operations				
Res	ponsible official's signature:				
Signature: Signature Date: O5-17-15 (Must be signed and dated in blue ink)					
Not	e: Please check all applicable attachments included with this permit application:				
\boxtimes	ATTACHMENT A: Area Map				
\boxtimes	ATTACHMENT B: Plot Plan(s)				
\boxtimes	ATTACHMENT C: Process Flow Diagram(s)				
\boxtimes	ATTACHMENT D: Equipment Table				
\boxtimes	ATTACHMENT E: Emission Unit Form(s)				
	ATTACHMENT F: Schedule of Compliance Form(s)				

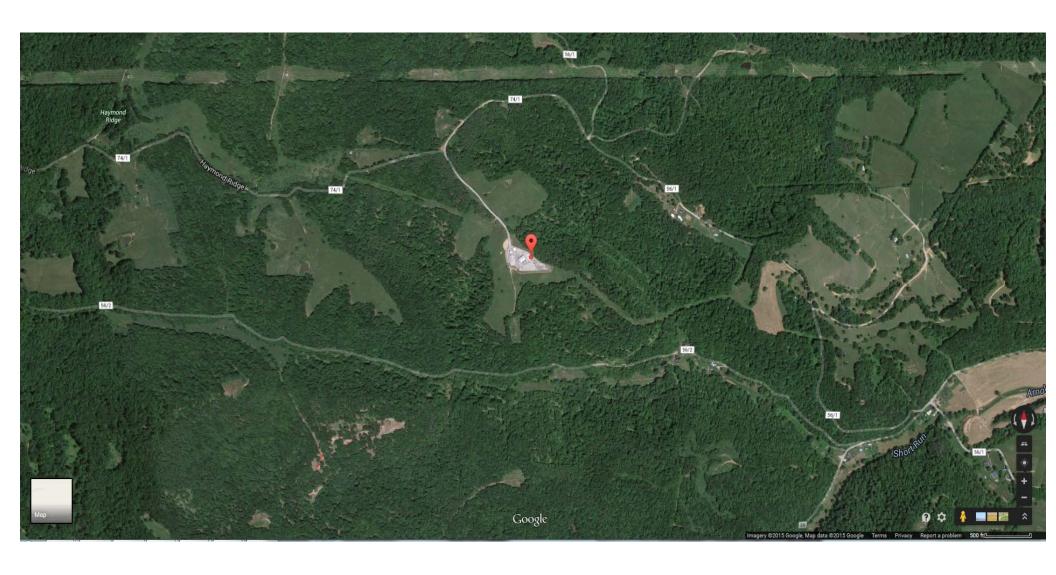
All of the required forms and additional information can be found and downloaded from, the DEP website at www.dep.wv.gov/dag, requested by phone (304) 926-0475, and/or obtained through the mail.

ATTACHMENT G: Air Pollution Control Device Form(s)

ATTACHMENT H: Compliance Assurance Monitoring (CAM) Form(s)

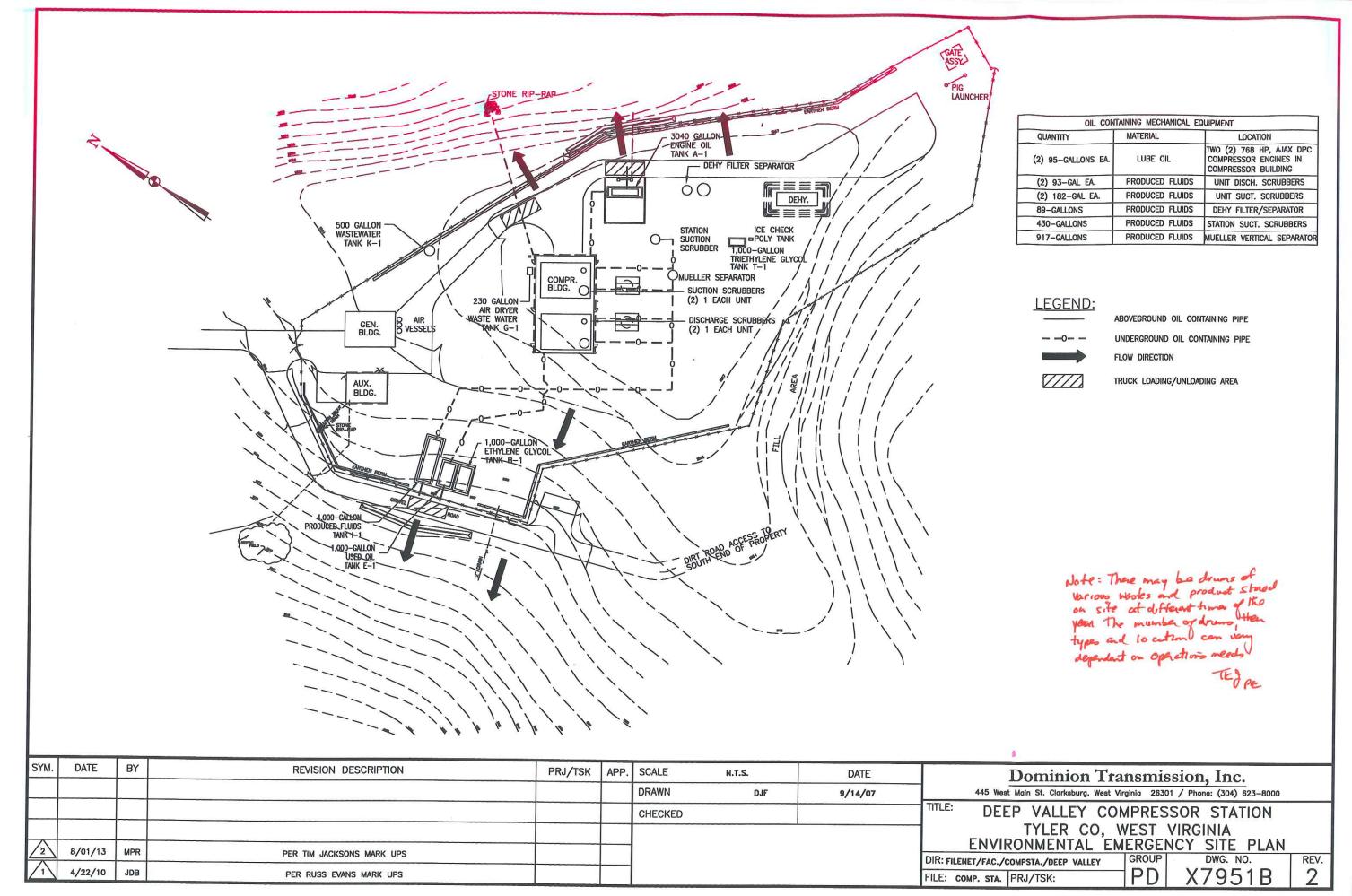
Attachment A

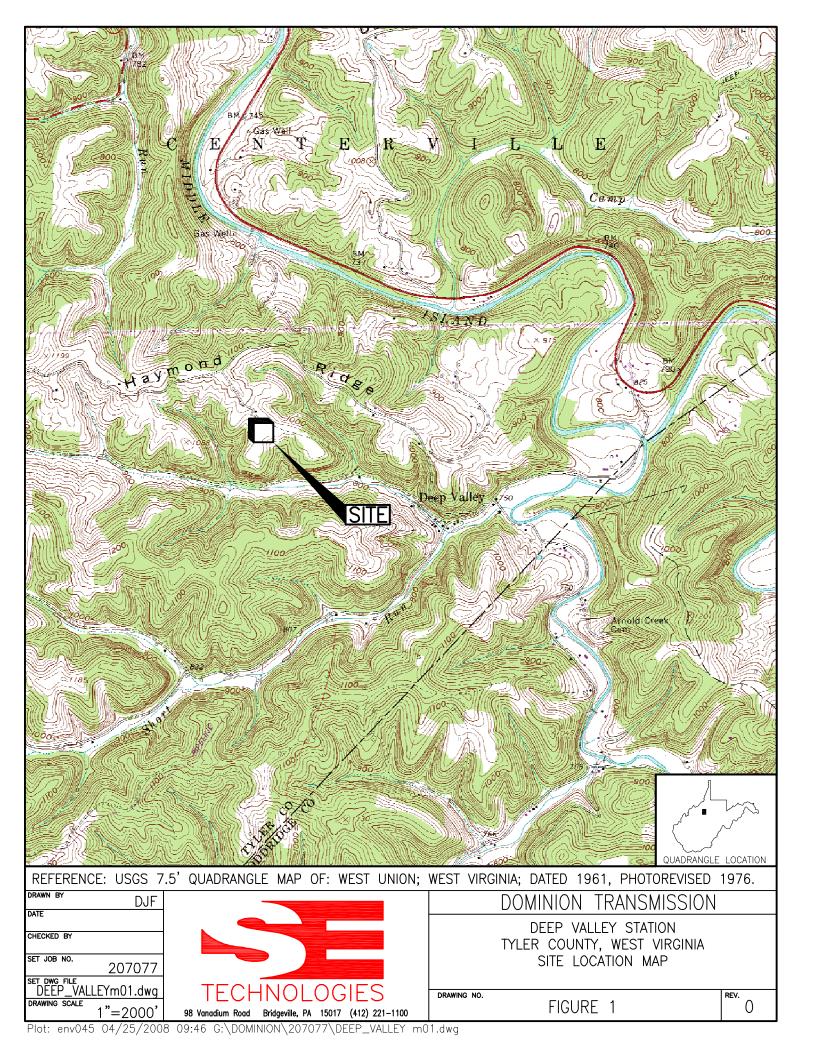
Area Map



Attachment B

Plot Plan



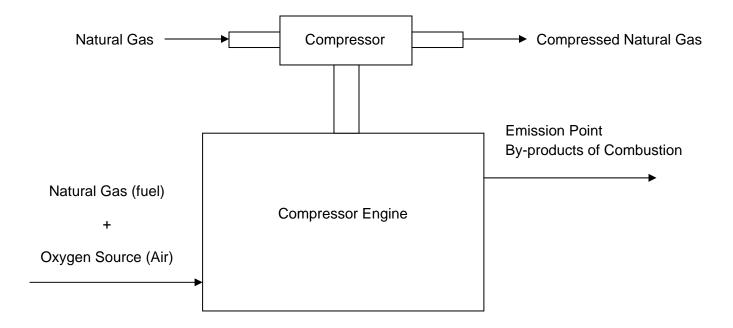


Attachment C

Process Flow Diagrams

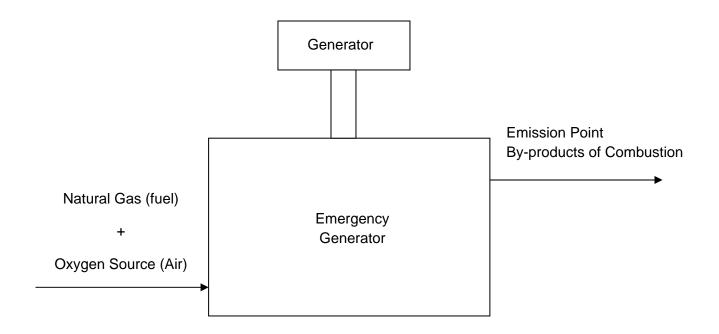
<u>Dominion Transmission, Inc.</u> <u>Deep Valley Compressor Station</u>

Compressor Engines (EN01 and EN02) Process Flow Diagram



<u>Dominion Transmission, Inc.</u> <u>Deep Valley Compressor Station</u>

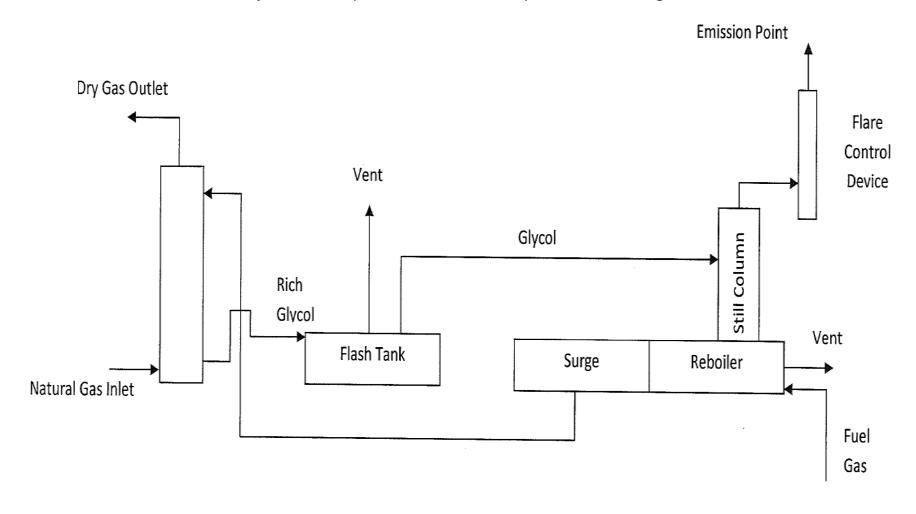
Emergency Generators (EG01 and EG02) Process Flow Diagram



Dominion Transmission, Inc.

Deep Valley Compressor Station

Dehydration Unit (F1, DEHY01, and RBR01) Process Flow Diagram



Attachment D

Title V Equipment Table

ATTACHMENT D - Title V Equipment Table

(includes all emission units at the facility except those designated as insignificant activities in Section 4, Item 24 of the General Forms)

Emission Point ID ¹	Control Device ¹	Emission Unit ID ¹	Emission Unit Description	Design Capacity	Year Installed/ Modified
EN01	N/A	001-01	Reciprocating Engine/Integral Compressor; Ajax DPC-800	800 hp	1989
EN02	N/A	001-02	Reciprocating Engine/Integral Compressor; Ajax DPC-800	800 hp	1989
EG01	S1	002-01	Emergency Generator, Cummins GM 8.1L; 4SRB	192.5 hp	2012
EG02	S2	002-02	Emergency Generator, Cummins GM 8.1L; 4SRB	192.5 hp	2012
DEHY01	F1	003-01	Dehydration Unit Still; Tulpro	18 MMscf/day	1989
RBR01	N/A	004-01	Dehydration Unit Reboiler; Tulpro	1.0 MMBtu/hr	1989
F1	N/A	F1	Dehydration Unit Controlled Flare	5 MMBtu/hr	1989
TK01	N/A	TK01	Horizontal Aboveground Ethylene Glycol Storage Tank	1000 gallons	2008
TK02	N/A	TK02	Horizontal Aboveground Tri-Ethylene Glycol Storage Tank	1000 gallons	1998
TK03	N/A	TK03	Horizontal Aboveground Waste Water Storage Tank	230 gallons	2003
TK04	N/A	TK04	Horizontal Aboveground Produced Fluids Storage Tank	4000 gallons	2008
TK05	N/A	TK05	Horizontal Aboveground Lube Oil Storage Tank	3040 gallons	2008
TK06	N/A	TK06	Vertical Aboveground Waste Water Storage Tank	500 gallons	2003
TK07	N/A	TK07	Horizontal Aboveground Used Oil Storage Tank	1000 gallons	2008

¹For 45CSR13 permitted sources, the numbering system used for the emission points, control devices, and emission units should be consistent with the numbering system used in the 45CSR13 permit. For grandfathered sources, the numbering system should be consistent with registrations or emissions inventory previously submitted to DAQ. For emission points, control devices, and emissions units which have not been previously labeled, use the following 45CSR13 numbering system: 1S, 2S, 3S,... or other appropriate description for emission units; 1C, 2C, 3C,... or other appropriate designation for control devices; 1E, 2E, 3E, ... or other appropriate designation for emission points.

Title V Equipment Table (equipment_table.doc)				
Page 1 of 1				
Revised 4/11/05	1	of	1	age

Attachment E

Emission Unit Forms

ATTACHMENT E - Emission Unit Form					
Emission Unit Description					
Emission unit ID number:	Emission unit name: EN01	List any control devices associated with this emission unit:			
001-01	Reciprocating Engine/Integral Compressor	N/A			
Provide a description of the emission	n unit (type, method of operation, de	esign parameters, etc.):		
Natural gas-fired reciprocating engine	/integral compressor				
Manufacturer: Ajax	Model number: DPC-800-H-1	Serial number: 83243			
Construction date: Installation date: 1989 Modification date(s): N/A):		
Design Capacity (examples: furnace 800 hp	s - tons/hr, tanks - gallons):				
Maximum Hourly Throughput: 0.0064 MMscf/hrMaximum Annual Throughput: 56.1 MMscf/yrMaximum Operating Schedu 8,760 hrs/yr		ng Schedule:			
Fuel Usage Data (fill out all applical	ble fields)				
Does this emission unit combust fue	1? _XYes No	If yes, is it?			
		Indirect Fired	_XDirect Fired		
Maximum design heat input and/or maximum horsepower rating: 800 hp Type and Btu/hr rating of I 8,000 Btu/hp-hr			ting of burners:		
List the primary fuel type(s) and if applicable, the secondary fuel type(s). For each fuel type listed, provide the maximum hourly and annual fuel usage for each.					
Pipeline quality natural gas - Maximum hourly fuel usage = 0.0064 MMscf/hr - Maximum annual fuel usage = 56.1 MMscf/yr					
Describe each fuel expected to be us	ed during the term of the permit.				
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value		
Pipeline quality natural gas 20 gr sulfur/100 cf		N/A	1,000 Btu/cf		

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	5.47	23.9	
Nitrogen Oxides (NO _X)	36.9	161.5	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	< 0.001	0.003	
Particulate Matter (PM ₁₀)	0.064	0.28	
Total Particulate Matter (TSP)	0.064	0.28	
Sulfur Dioxide (SO ₂)	0.004	0.02	
Volatile Organic Compounds (VOC)	5.11	22.4	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Acetaldehyde	0.05	0.22	
Acrolein	0.05	0.22	
Benzene	0.012	0.05	
Ethylbenzene	<0.01	<0.01	
Formaldehyde	0.35	1.55	
Hexane	<0.01	0.01	
Toluene	<0.01	0.03	
Xylene	<0.01	0.01	
Regulated Pollutants other than	Potential Emissions		
Criteria and HAP	РРН	TPY	

- NOx, VOC, $PM_{2.5}$, and HAP emission rates based on emission statement submittals to WVDEP. CO, PM, and SO_2 emission factors were obtained from US EPA's AIRS report (March 1990)

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
40 CFR Part 63 Subpart ZZZZ – NESHAP Maintenance requirements (TV 7.1.2) 40 CFR Part 63 Subpart ZZZZ – NESHAP Work or management practices (TV 7.1.4) 40 CFR Part 63 Subpart ZZZZ – NESHAP general requirements/provisions (TV 7.1.3 and 7.1.5) 40 CFR Part 63 Subpart ZZZZ – NESHAP monitoring requirements (TV 7.2.1) 40 CFR Part 63 Subpart ZZZZ – NESHAP recordkeeping requirements (TV 7.4.1)
Permit Shield
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
40 CFR Part 63 Subpart ZZZZ – Change oil and filter, inspect spark plugs, and inspect all hoses and belts every 4,320 hours of operation or annually, whichever comes first (TV 7.1.2) 40 CFR Part 63 Subpart ZZZZ – Operate and maintain the RICE according to the manufacturer's instructions OR develop and follow your own maintenance plan (TV 7.1.4) 40 CFR Part 63 Subpart ZZZZ – Comply with all applicable general requirements/provisions (TV 7.1.3 and 7.1.5) 40 CFR Part 63 Subpart ZZZZ – Comply with all applicable monitoring, recordkeeping, and reporting requirements (TV 7.2.1 and 7.4.1)
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo
If no, complete the Schedule of Compliance Form as ATTACHMENT F.

ATTACHMENT E - Emission Unit Form					
Emission Unit Description					
Emission unit ID number: 001-01	Emission unit name: EN02	List any control devices associated with this emission unit:			
	Reciprocating Engine/Integral Compressor	N/A			
Provide a description of the emission	n unit (type, method of operation, d	esign parameters, etc	.):		
Natural gas-fired reciprocating engine	/integral compressor				
Manufacturer: Ajax	Model number: DPC-800-H-1	Serial number: 83244			
Construction date: Installation date: 1989		Modification date(s): N/A			
Design Capacity (examples: furnace 800 hp	es - tons/hr, tanks - gallons):				
Maximum Hourly Throughput:Maximum Annual Thro0.0064 MMscf/hr56.1 MMscf/yr		Maximum Operating Schedule: 8,760 hrs/yr			
Fuel Usage Data (fill out all applical	ble fields)				
Does this emission unit combust fue	1? _XYes No	If yes, is it?			
		Indirect Fired	_XDirect Fired		
Maximum design heat input and/or 800 hp	Type and Btu/hr rating of burners: 8,000 Btu/hp-hr				
List the primary fuel type(s) and if a the maximum hourly and annual fu		s). For each fuel type	listed, provide		
Pipeline quality natural gas - Maximum hourly fuel usage - Maximum annual fuel usage					
Describe each fuel expected to be us	ed during the term of the permit.				
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value		
Pipeline quality natural gas	20 gr sulfur/100 cf	N/A	1,000 Btu/cf		

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	5.47	23.9	
Nitrogen Oxides (NO _X)	36.9	161.5	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	< 0.001	0.003	
Particulate Matter (PM ₁₀)	0.064	0.28	
Total Particulate Matter (TSP)	0.064	0.28	
Sulfur Dioxide (SO ₂)	0.004	0.02	
Volatile Organic Compounds (VOC)	5.11	22.4	
Hazardous Air Pollutants	Potential Emissions		
	PPH	TPY	
Acetaldehyde	0.05	0.22	
Acrolein	0.05	0.22	
Benzene	0.012	0.05	
Ethylbenzene	<0.01	<0.01	
Formaldehyde	0.35	1.55	
Hexane	<0.01	0.01	
Toluene	<0.01	0.03	
Xylene	<0.01	0.01	
Regulated Pollutants other than	Potential Emissions		
Criteria and HAP	РРН	TPY	

- NOx, VOC, $PM_{2.5}$, and HAP emission rates based on emission statement submittals to WVDEP. CO, PM, and SO_2 emission factors were obtained from US EPA's AIRS report (March 1990)

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
40 CFR Part 63 Subpart ZZZZ – NESHAP Maintenance requirements (TV 7.1.2) 40 CFR Part 63 Subpart ZZZZ – NESHAP Work or management practices (TV 7.1.4) 40 CFR Part 63 Subpart ZZZZ – NESHAP general requirements/provisions (TV 7.1.3 and 7.1.5) 40 CFR Part 63 Subpart ZZZZ – NESHAP monitoring requirements (TV 7.2.1) 40 CFR Part 63 Subpart ZZZZ – NESHAP recordkeeping requirements (TV 7.4.1)
Permit Shield
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
40 CFR Part 63 Subpart ZZZZ – Change oil and filter, inspect spark plugs, and inspect all hoses and belts every 4,320 hours of operation or annually, whichever comes first (TV 7.1.2) 40 CFR Part 63 Subpart ZZZZ – Operate and maintain the RICE according to the manufacturer's instructions OR develop and follow your own maintenance plan (TV 7.1.4) 40 CFR Part 63 Subpart ZZZZ – Comply with all applicable general requirements/provisions (TV 7.1.3 and 7.1.5) 40 CFR Part 63 Subpart ZZZZ – Comply with all applicable monitoring, recordkeeping, and reporting requirements (TV 7.2.1 and 7.4.1)
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo
If no, complete the Schedule of Compliance Form as ATTACHMENT F.

ATT	ACHMENT E - Emission Uni	it Form	
Emission Unit Description			
Emission unit ID number: 003-01	Emission unit name: DEHY01 Dehydration Unit	List any control devices associated with this emission unit:	
Provide a description of the emission Dehydration unit still column	n unit (type, method of operation, d	esign parameters, etc.):
Manufacturer: Tulpro	Model number:	Serial number:	
Construction date:	Installation date: 1989	Modification date(s): N/A	
Design Capacity (examples: furnace 18 MMscf /day	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput: 18 MMscf /day	Maximum Annual Throughput: 6,570 MMscf/yr	Maximum Operating Schedule: 8760 hrs/yr	
Fuel Usage Data (fill out all applical	ble fields)	•	
Does this emission unit combust fue	1?Yes _ <u>X</u> No	If yes, is it?	
		Indirect Fired	Direct Fired
Maximum design heat input and/or	Type and Btu/hr ra	ting of burners:	
List the primary fuel type(s) and if a the maximum hourly and annual fuel Natural gas - Maximum hourly wet gas usa - Maximum annual wet gas usa	el usage for each. age = 18 MMscf/day	s). For each fuel type	listed, provide
Describe each fuel expected to be us	ed during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural gas	20 gr sulfur/100 cf	N/A	1,000 Btu/cf
	<u> </u>	<u> </u>	

Emissions Data			
Criteria Pollutants	Potential Emissions		
	РРН	TPY	
Carbon Monoxide (CO)	0.02	0.09	
Nitrogen Oxides (NO _X)	0.10	0.44	
Lead (Pb)	N/A	N/A	
Particulate Matter (PM _{2.5})	<0.01	0.03	
Particulate Matter (PM ₁₀)	0.01	0.05	
Total Particulate Matter (TSP)	0.01	0.05	
Sulfur Dioxide (SO ₂)	<0.01	<0.01	
Volatile Organic Compounds (VOC)	11.93	52.25	
Hazardous Air Pollutants	Potential Emissions		
	РРН	TPY	
Benzene	0.07	0.28	
Ethylbenzene	0.16	0.7	
n-Hexane	<0.01	0.02	
Toluene	0.26	1.15	
Xylenes	1.71	7.47	
Regulated Pollutants other than	Potential Emissions		
Criteria and HAP	РРН	TPY	

VOC and HAP emission rates were obtained from GRI GLYCalc V4.0. PM emission factors were obtained from Table 1.4-1 of AP-42 (7/93)

NOx, CO, and SO₂ emission factor was obtained from Table 1.4-2 of AP-42 (7/93)

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
45 CSR 10-4.1 – SO ₂ emissions shall not exceed 2,000 ppm by volume (TV 3.1.9)
45 CSR 10-5.1 – H ₂ S emissions shall not exceed 50 gr/100 cf (TV 3.1.10)
45 CSR 13 – HAP emissions shall be less than 10 tons/yr of any single HAP and 25 tons/yr of an combination of HAPs (TV 3.1.12; R13-1104E 4.1.2)
45 CSR 13 – The maximum wet natural gas shall not exceed 19 MMcf/day (TV 5.1.1; R13-1104E 6.1.1) 45 CSR 13 – Maximum emissions from F1 (TV 5.1.2; R13-1104E 6.1.2)
45 CSR 13 – Determining potential HAP emissions (TV 5.1.2; R13-1104E 6.1.3; NESHAP Subpart HH) 45 CSR 13 – Design and operation of the flare (TV 5.1.4; R13-1104E 6.1.4)
45 CSR 13 – Flare design evaluation (TV 5.1.5; R13-1104E 6.1.5)
45 CSR 13 – Visible emission limit of the flare (TV 5.1.6 and 5.1.7; R13-1104E 6.1.6 and 6.1.7)
45 CSR 13 –Install, maintain, and operate all pollution control equipment (TV 5.1.10; R13-1104E 4.1.3)
Permit Shield
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
$45 \text{ CSR } 30\text{-}5.1(c) - \text{SO}_2$ emissions shall be complied with by annual sampling of inlet natural gas stream (TV 3.2.2) $45 \text{ CSR } 30\text{-}5.1(c) - \text{H}_2\text{S}$ emissions shall be complied with by annual sampling of inlet natural gas stream (TV 3.2.3) $45 \text{ CSR } 13$ – Monitor the presence or absence of a flare pilot flame using a thermocouple or equivalent device. Kee records (TV 5.2.1 and 5.4.2; R13-1104E 6.2.1 and 6.4.2)
45 CSR 13 – Maintain monthly records of the wet natural gas throughput for up to 5 years on site and using a 12-month rolling total (TV 5.2.2 and 5.4.6; R13-1104E 6.2.2 and 6.4.6)
45 CSR 13 – Initial Method 22 to show compliance with visible emission limit; keep records (TV 5.3.1 and 5.4.5; R13-1104E 6.3.1 and 6.4.5)
45 CSR 13 – Determining potential HAP emissions using GLYCalc per NESHAP Subpart HH upon request from Director (TV 5.3.3; R13-1104E 6.3.3)
45 CSR 13 – Keep records of the flare design evaluation (TV 5.4.2; R13-1104E 6.4.3)
45 CSR 13 – Reep records of the flare design evaluation (1 v 3.4.2, R13-1104E 6.4.5) 45 CSR 13 – Maintain records of any occurrences of malfunctions or shutdown of the air pollution control
43 CSK 13 – Maintain records of any occurrences of manufictions of shutdown of the an bondition control

Are you in compliance with all applicable requirements for this emission unit? $_X_Yes$ $__No$

If no, complete the **Schedule of Compliance Form** as **ATTACHMENT F**.

equipment (TV 5.4.8; R13-1104E 4.1.4)

ATT	ACHMENT E - Emission Uni	t Form	
Emission Unit Description			
Emission unit ID number: 004-01	Emission unit name: RBR01	List any control devices associated with this emission unit:	
	Dehydration Unit Reboiler	N/A	
Provide a description of the emission A natural gas fired boiler used to rehea	-	esign parameters, etc.):
A natural gas med boner used to rener	it grycor within the denytration time.		
Manufacturer: Tulpro	Model number:	Serial number:	
Construction date:	Installation date: 1989	Modification date(s) N/A):
Design Capacity (examples: furnace 1.0 MMBtu/hr	s - tons/hr, tanks - gallons):		
Maximum Hourly Throughput: 960 cf/hr	Maximum Annual Throughput: 8.41 MMcf/yr	Maximum Operating Schedule: 8760 hrs/yr	
Fuel Usage Data (fill out all applicat	ole fields)		
Does this emission unit combust fuel	? _XYes No	If yes, is it?	
		Indirect Fired _	X_Direct Fired
Maximum design heat input and/or 1.0 MMBtu/hr	Type and Btu/hr rat	ting of burners:	
List the primary fuel type(s) and if a the maximum hourly and annual fue). For each fuel type	listed, provide
Natural gas - Maximum hourly fuel usage = - Maximum annual fuel usage =			
Describe each fuel expected to be use	ed during the term of the permit.	,	
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural gas	20 gr sulfur/100 cf	N/A	1,000 Btu/cf

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0.08	0.35
Nitrogen Oxides (NO _X)	0.10	0.42
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	0.01	0.03
Particulate Matter (PM ₁₀)	0.01	0.03
Total Particulate Matter (TSP)	0.01	0.03
Sulfur Dioxide (SO ₂)	0.00	0.00
Volatile Organic Compounds (VOC)	0.01	0.02
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Benzene	< 0.00	< 0.00
Ethylbenzene	< 0.00	< 0.00
n-Hexane	< 0.00	< 0.00
Toluene	<0.00	< 0.00
Xylenes	< 0.00	<0.00
Regulated Pollutants other than	Potenti	al Emissions
Criteria and HAP	РРН	ТРҮ

CO and NOx emission factors based on emission required permitted maximums. All other emission factors are from AP-42 - 1.4 Natural Gas Combustion.

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
45 CSR 13 – HAP emissions shall be less than 10 tons/yr of any single HAP and 25 tons/yr of any combination of HAPs (TV 3.1.12; R13-1104E 4.1.2) 45 CSR 2-3.1 – Opacity limit of less than 10% (TV 4.1.1; R13-1104E 5.1.1) 45 CSR 2-3.2 and 13 – Compliance with visible emission requirement shall be determined in accordance with NSPS Appendix A, Method 9 (TV 4.1.2; R13-1104E 5.1.2) 45 CSR 13 – Maximum design heat input shall not exceed 1.0 MMBtu/hr (TV 4.1.3; R13-1104E 5.1.3) 45 CSR 13 – Quantity of natural gas consumed shall not exceed 960 cf/hr or 8.41 MMcf/yr (TV 4.1.4; R13-1104E 5.1.4) 45 CSR 13 – Maximum emissions shall not exceed prescribed limits (TV 4.1.5; R13-1104E 5.1.5)
Permit Shield
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
45 CSR 2-3.1, 2-3.2, and 13 – Performing Method 9 emission observations upon request from the Department (TV 4.2.1; R13-1104E 5.2.1) 45 CSR 13 – Monitor the natural gas consumed on a monthly basis (TV 4.2.2; R13-1104E 5.2.2) 45 CSR 13 – Maintain records of the amount of natural gas consumed for 5 years (TV 4.4.1; R13-1104E 5.3.1)

Are you in compliance with all applicable requirements for this emission unit? _X_Yes ____No

ATTACHMENT E - Emission Unit Form			
Emission Unit Description			
Emission unit ID number: EG01	Emission unit name: 4SRB Emergency Generator (002-01)	List any control dev with this emission u N/A	
Provide a description of the emission Natural gas-fired emergency auxiliary	-	esign parameters, etc	.):
Manufacturer: Gen: Cummins Engine: PSI/General Motors/Vortec Engines	Model number: Gen: 125 GGLA-6209521 Engine: GM-8.1L	Serial number: Gen: L100175395 Engine: 8.1L24733	
Construction date: 2010	Installation date: 2012	Modification date(s):
Design Capacity (examples: furnace 192.5 hp	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput: 1,667 cf/hr	Maximum Annual Throughput: 0.834 MMcf/yr	Maximum Operation 500 hrs/yr	ng Schedule:
Fuel Usage Data (fill out all applical	ble fields)		
Does this emission unit combust fuel	!? _XYes No	If yes, is it?	
		Indirect Fired	_XDirect Fired
Maximum design heat input and/or 192.5 hp	maximum horsepower rating:	Type and Btu/hr ra 1.67 MMBtu/hr	ting of burners:
List the primary fuel type(s) and if a the maximum hourly and annual fue). For each fuel type	listed, provide
Natural gas - Maximum hourly fuel usage - Maximum annual fuel usage			
Describe each fuel expected to be us	ed during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural gas	20 gr sulfur/100 cf	N/A	1,000 Btu/cf

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0.39	0.10
Nitrogen Oxides (NO _X)	0.03	0.01
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	0.02	<0.01
Particulate Matter (PM ₁₀)	0.02	<0.01
Total Particulate Matter (TSP)	0.02	<0.01
Sulfur Dioxide (SO ₂)	< 0.01	<0.01
Volatile Organic Compounds (VOC)	0.19	0.05
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Acetaldehyde	< 0.01	<0.01
Acrolein	< 0.01	<0.01
Benzene	< 0.01	<0.01
Ethylbenzene	<0.01	<0.01
Formaldehyde	0.03	0.01
Toluene	<0.01	<0.01
Xylene	<0.01	<0.01
Regulated Pollutants other than	Potenti	al Emissions
Criteria and HAP	PPH	TPY

- CO, NOx, VOC, and SO_2 emission rates were based on manufacturer's technical data sheet.
- All other emission rates were based off of USEPA's AP-42, Section 3.2, Natural Gas-Fired Reciprocating Engines, 7/00

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
45 CSR 13 – Operate and maintain according to manufacturer (G60-C029 5.1.1) 45 CSR 13 – Emission limits (G60-C029 5.1.2) 45 CSR 13 – Maximum fuel consumption (G60-C029 5.1.3) 45 CSR 13 – Catalyst control requirements (G60-C029 5.1.4) 40 CFR Part 60 Subpart JJJJ – NSPS emission limits (G60-C029 8.2.5) 40 CFR Part 60 Subpart JJJJ – NSPS emergency definition; limitation on maintenance and readiness testing to 100 hrs/yr (G60-C029 8.4.4) 40 CFR Part 63 Subpart ZZZZ – RICE NESHAP as a new, emergency, spark ignition engine at an area source (40 CFR 63 Subpart ZZZZ)
Permit Shield
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
45 CSR 13 – Regularly inspect, properly maintain and/or replace catalytic reduction devices (G60-C029 5.2.1) 45 CSR 13 – Record hours of operation and fuel consumption on a monthly basis; keep records for 5 years (G60-C029 5.4.1) 40 CFR Part 60 Subpart JJJJ – Purchase a certified engine to meet NSPS emission limits (G60-C029 8.4.1) 40 CFR Part 60 Subpart JJJJ – Install non-resettable hour meter to demonstrate compliance with 7.1.4 (G60-C029 8.3.8) 40 CFR Part 60 Subpart JJJJ – Comply with all applicable monitoring, reports, and recordkeeping requirements (G60-C029 8.6.1) 40 CFR Part 63 Subpart ZZZZ – Compliance with NSPS Subpart JJJJ shows compliance with NESHAP Subpart ZZZZ (TV 6.1.1)
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo
If no, complete the Schedule of Compliance Form as ATTACHMENT F .

ATTACHMENT E - Emission Unit Form			
Emission Unit Description			
Emission unit ID number: EG02	Emission unit name: 4SRB Emergency Generator (002-02)	List any control dev with this emission u N/A	
Provide a description of the emission Natural gas-fired emergency auxiliary	-	esign parameters, etc):
Manufacturer: Gen: Cummins Engine: PSI/General Motors/Vortec Engines	Model number: Gen: 125 GGLA-6209521 Engine: GM-8.1L	Serial number: Gen: L100175397 Engine: 8.1L24730	
Construction date: 2010	Installation date: 2012	Modification date(s N/A):
Design Capacity (examples: furnace 192.5 hp	es - tons/hr, tanks - gallons):		
Maximum Hourly Throughput: 1,667 cf/hr	Maximum Annual Throughput: 0.834 MMcf/yr	Maximum Operation 500 hrs/yr	ng Schedule:
Fuel Usage Data (fill out all applical	ble fields)		
Does this emission unit combust fue	1? _XYes No	If yes, is it?	
		Indirect Fired	_XDirect Fired
Maximum design heat input and/or maximum horsepower rating: 192.5 hp		Type and Btu/hr rating of burners: 1.67 MMBtu/hr	
List the primary fuel type(s) and if a the maximum hourly and annual fu). For each fuel type	listed, provide
Natural gas - Maximum hourly fuel usage - Maximum annual fuel usage			
Describe each fuel expected to be us	ed during the term of the permit.		
Fuel Type	Max. Sulfur Content	Max. Ash Content	BTU Value
Natural gas	20 gr sulfur/100 cf	N/A	1,000 Btu/cf

Emissions Data		
Criteria Pollutants	Potential Emissions	
	PPH	TPY
Carbon Monoxide (CO)	0.39	0.10
Nitrogen Oxides (NO _X)	0.03	0.01
Lead (Pb)	N/A	N/A
Particulate Matter (PM _{2.5})	0.02	<0.01
Particulate Matter (PM ₁₀)	0.02	<0.01
Total Particulate Matter (TSP)	0.02	<0.01
Sulfur Dioxide (SO ₂)	< 0.01	<0.01
Volatile Organic Compounds (VOC)	0.19	0.05
Hazardous Air Pollutants	Potential Emissions	
	PPH	TPY
Acetaldehyde	< 0.01	<0.01
Acrolein	< 0.01	<0.01
Benzene	< 0.01	<0.01
Ethylbenzene	<0.01	<0.01
Formaldehyde	0.03	0.01
Toluene	<0.01	<0.01
Xylene	<0.01	<0.01
Regulated Pollutants other than	Potenti	al Emissions
Criteria and HAP	PPH	TPY

- CO, NOx, VOC, and SO_2 emission rates were based on manufacturer's technical data sheet.
- All other emission rates were based off of USEPA's AP-42, Section 3.2, Natural Gas-Fired Reciprocating Engines, 7/00

Applicable Requirements
List all applicable requirements for this emission unit. For each applicable requirement, include the underlying rule/regulation citation and/or construction permit with the condition number. (Note: Title V permit condition numbers alone are not the underlying applicable requirements). If an emission limit is calculated based on the type of source and design capacity or if a standard is based on a design parameter, this information should also be included.
45 CSR 13 – Operate and maintain according to manufacturer (G60-C029 5.1.1) 45 CSR 13 – Emission limits (G60-C029 5.1.2) 45 CSR 13 – Maximum fuel consumption (G60-C029 5.1.3) 45 CSR 13 – Catalyst control requirements (G60-C029 5.1.4) 40 CFR Part 60 Subpart JJJJ – NSPS emission limits (G60-C029 8.2.5) 40 CFR Part 60 Subpart JJJJ – NSPS emergency definition; limitation on maintenance and readiness testing to 100 hrs/yr (G60-C029 8.4.4) 40 CFR Part 63 Subpart ZZZZ – RICE NESHAP as a new, emergency, spark ignition engine at an area source (40 CFR 63 Subpart ZZZZ)
Permit Shield
For all applicable requirements listed above, provide monitoring/testing/recordkeeping/reporting which shall be used to demonstrate compliance. If the method is based on a permit or rule, include the condition number or citation. (Note: Each requirement listed above must have an associated method of demonstrating compliance. If there is not already a required method in place, then a method must be proposed.)
45 CSR 13 – Regularly inspect, properly maintain and/or replace catalytic reduction devices (G60-C029 5.2.1) 45 CSR 13 – Record hours of operation and fuel consumption on a monthly basis; keep records for 5 years (G60-C029 5.4.1) 40 CFR Part 60 Subpart JJJJ – Purchase a certified engine to meet NSPS emission limits (G60-C029 8.4.1) 40 CFR Part 60 Subpart JJJJ – Install non-resettable hour meter to demonstrate compliance with 7.1.4 (G60-C029 8.3.8) 40 CFR Part 60 Subpart JJJJ – Comply with all applicable monitoring, reports, and recordkeeping requirements (G60-C029 8.6.1) 40 CFR Part 63 Subpart ZZZZ – Compliance with NSPS Subpart JJJJ shows compliance with NESHAP Subpart ZZZZ (TV 6.1.1)
Are you in compliance with all applicable requirements for this emission unit? _X_YesNo
If no, complete the Schedule of Compliance Form as ATTACHMENT F .

Attachment G

Air Pollution Control Device Form

ATTACHMENT G - Air Pollution Control Device Form		
Control device ID number: F1	List all emission units associated with this control device. DEHY01	
Manufacturer:	Model number:	Installation date: 1989
Type of Air Pollution Control Device:		
Baghouse/Fabric Filter	Venturi Scrubber	Multiclone
Carbon Bed Adsorber	Packed Tower Scrubber	Single Cyclone
Carbon Drum(s)	Other Wet Scrubber	Cyclone Bank
Catalytic Incinerator	Condenser	Settling Chamber
Thermal IncineratorX_	Flare	Other (describe)
Wet Plate Electrostatic Precipitator		Dry Plate Electrostatic Precipitator
List the pollutants for which this device	ce is intended to control and the ca	apture and control efficiencies.
Pollutant	Capture Efficiency	Control Efficiency
VOC		95%
Benzene		95%
Ethylbenzene		95%
n-Hexane		95%
Toluene		95%
Xylene		95%
Explain the characteristic design parabags, size, temperatures, etc.). Tulpro dehydration unit controlled flare 5 MMBtu/hr non-assisted burner	nmeters of this control device (flow	rates, pressure drops, number of
Is this device subject to the CAM requirements of 40 C.F.R. 64? X Yes No If Yes, Complete ATTACHMENT H If No, Provide justification.		

Page __1___ of ___2__

Describe the parameters monitored and/or methods used to indicate performance of this control device.

- 45 CSR 13 Maximum emissions from the flare shall not exceed permit limits (TV 5.1.2; R13-1104E 6.1.2)
- 45 CSR 13 Flare shall be designed and operated with specified terms (TV 5.1.4; R13-1104E 6.1.4)
- 45 CSR 13 Permittee is not required to conduct a flare compliance assessment until the Director requests one. The permittee is required to conduct a flare design evaluation or demonstrate compliance with the flare design criteria in TV 5.1.4 by complying with testing in TV 5.3.2 (TV 5.1.5; R13-1104E 6.1.5)
- 45 CSR 6-4.3, 6-4.4, and 13 Visible particulate matter emissions from the flare shall not exceed 20 % opacity. Does not apply to smoke which is less than 40% opacity, for a period or periods aggregating no more than 8 minutes per start-up (TV 5.1.6 and 5.1.7; R13-1104E 6.1.6 and 6.1.7)
- 45 CSR 6-4.6 and 13 The flare including all associated equipment and grounds, shall be designed, operated, and maintained so as to prevent the emission of odors (TV 5.1.8; R13-1104E 6.1.8)
- 45 CSR 13 Particulate matter cannot exceed determined quantity (TV 5.1.9)
- 45 CSR 13 –Install, maintain, and operate all pollution control equipment (TV 5.1.10; R13-1104E 4.1.3)
- 45 CSR 13 The flame will be monitored by a thermocouple or other equivalent device, except during SSM events (TV 5.2.1; R13-1104E 6.2.1)
- 45 CSR 13 The throughput of wet natural gas feed to the dehydration unit (DEHY01) shall be monitored on a monthly basis (TV 5.2.2; R13-1104E 6.2.2)
- 45 CSR 13 Conduct an initial Method 22 (TV 5.3.1; R13-1104E 6.3.1)
- 45 CSR 13 Permittee will conduct a flare compliance assessment to demonstrate compliance upon request by the Director (TV 5.3.2; R13-1104E 6.3.2)
- 45 CSR 13 Maintain and record the times and durations of all periods during which the pilot flame was absent (TV 5.4.1; R13-1104E 6.4.1)
- 45 CSR 13 Maintain and keep a record of the flare design evaluation (TV 5.4.2; R13-1104E 6.4.2)
- 45 CSR 13 Records shall be maintained that demonstrate compliance with HAP emission thresholds using GLYCalc (TV 5.4.3; R13-1104E 6.4.3)
- 45 CSR 13 Records shall be maintained of all monitoring and testing (TV 5.4.4; R13-1104E 6.4.4)
- 45 CSR 13 Records shall be maintained of visible emission opacity tests (Method 22) conducted (TV 5.4.5; R13-1104E 6.4.5)

Attachment H

Compliance Assurance Monitoring (CAM) Form

${\bf ATTACHMENT\; H\; -\; Compliance\; Assurance\; Monitoring\; (CAM)\; Plan\; Form}$

For definitions and information about the CAM rule, please refer to 40 CFR Part 64. Additional information (including guidance documents) may also be found at $\frac{\text{http://www.epa.gov/ttn/emc/cam.html}}{\text{http://www.epa.gov/ttn/emc/cam.html}}$

	CAM APPLICABILITY DETERMINATION			
sep CF app	oes the facility have a PSEU (Pollutant-Specific Emissions Unit considered parately with respect to <u>EACH</u> regulated air pollutant) that is subject to CAM (40 R Part 64), which must be addressed in this CAM plan submittal? To determine olicability, a PSEU must meet <u>all</u> of the following criteria (<i>If No, then the mainder of this form need not be completed</i>):			
a.	The PSEU is located at a major source that is required to obtain a Title V permit;			
b.	The PSEU is subject to an emission limitation or standard for the applicable regulated air pollutant that is <u>NOT</u> exempt;			
	LIST OF EXEMPT EMISSION LIMITATIONS OR STANDARDS:			
	• NSPS (40 CFR Part 60) or NESHAP (40 CFR Parts 61 and 63) proposed after 11/15/1990.			
	Stratospheric Ozone Protection Requirements.			
	Acid Rain Program Requirements.			
	• Emission Limitations or Standards for which a WVDEP Division of Air Quality Title V permit specifies a continuous compliance determination method, as defined in 40 CFR §64.1.			
	• An emission cap that meets the requirements specified in 40 CFR §70.4(b)(12).			
c.	The PSEU uses an add-on control device (as defined in 40 CFR §64.1) to achieve compliance with an emission limitation or standard;			
d.	The PSEU has potential pre-control device emissions of the applicable regulated air pollutant that are equal to or greater than the Title V Major Source Threshold Levels; AND			
e.	The PSEU is <u>NOT</u> an exempt backup utility power emissions unit that is municipally-owned.			
	DASIS OF CAM SUDMITTAL			
0) 3.5	BASIS OF CAM SUBMITTAL			
	ark the appropriate box below as to why this CAM plan is being submitted as part of an application for a Title V mit:			
	<u>RENEWAL APPLICATION</u> . <u>ALL</u> PSEUs for which a CAM plan has <u>NOT</u> yet been approved need to be addressed in this CAM plan submittal.			
	<u>INITIAL APPLICATION</u> (submitted after 4/20/98). <u>ONLY</u> large PSEUs (i. e., PSEUs with potential post-control device emissions of an applicable regulated air pollutant that are equal to or greater than Major Source Threshold Levels) need to be addressed in this CAM plan submittal.			
	SIGNIFICANT MODIFICATION TO LARGE PSEUs. ONLY large PSEUs being modified after 4/20/98 need to be addressed in this cam plan submittal. For large PSEUs with an approved CAM plan, Only address the appropriate monitoring requirements affected by the significant modification.			

3) ^a BACKGROUND DATA AND INFORMATION

Complete the following table for <u>all</u> PSEUs that need to be addressed in this CAM plan submittal. This section is to be used to provide background data and information for each PSEU In order to supplement the submittal requirements specified in 40 CFR §64.4. If additional space is needed, attach and label accordingly.

REMENT
multiclone: lticlone
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^a If a control device is common to more than one PSEU, one monitoring plan may be submitted for the control device with the affected PSEUs identified and any conditions that must be maintained or monitored in accordance with 40 CFR §64.3(a). If a single PSEU is controlled by more than one control device similar in design and operation, one monitoring plan for the applicable control devices may be submitted with the applicable control devices identified and any conditions that must be maintained or monitored in accordance with 40 CFR §64.3(a).

b Indicate the emission limitation or standard for any applicable requirement that constitutes an emission limitation, emission standard, or standard of performance (as defined in 40 CFR §64.1).

^c Indicate the monitoring requirements for the PSEU that are required by an applicable regulation or permit condition.