



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

November 04, 2015

CERTIFIED MAIL
91 7199 9991 7035 6665 8400

Randy Spencer
900 Lee Street East, Suite 1500
Charleston WV 25301

RE: Cranberry Pipeline Corporation
Key Rock Station
Permit Application G35-A010C
Plant ID No. 109-00104

Dear Mr. Spencer:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G35-A010C is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

The source is not subject to 45CSR30.

In accordance with 45CSR22 - Air Quality Management Fee Program, the permittee shall not operate nor cause to operate the permitted facility or other associated facilities on the same or contiguous sites comprising the plant without first obtaining and having in current effect a Certificate to Operate (CTO). Such Certificate to Operate (CTO) shall be renewed annually, shall be maintained on the premises for which the Certificate has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: Jesse Hanshaw, P.E., SLR International Corp.

Class II General Permit G35-A Registration to Modify



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation, Administrative Update and
Operation of Natural Gas Compressor Stations
With Glycol Dehydration Units, Flares, or Other Specified Control Devices Herein

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G35-A.*

G35-A010C

Issued to:
Cranberry Pipeline Corporation
Key Rock Compressor Station
109-00104

A blue ink signature of William F. Durham, written in a cursive style.

William F. Durham
Director

Effective: November 04, 2015

This permitting action supersedes and replaces G35-A010B.

Facility Location: Rock View, Wyoming County, West Virginia
Mailing Address: 900 Lee Street, Suite 1500, Charleston, WV 25301
Facility Description: Natural Gas Compression and Dehydration Station
SIC Codes: 1311
UTM Coordinates: 451.178 km Easting • 4162.856 km Northing • Zone 17
Registration Type: Modification
Description of Change: This action is to update emission limits based on recent (April 22, 2015) wet gas analyses. The updated emission limits will reflect storage vessel and tank truck loading emissions for the first time.

Subject to 40CFR60 Subpart IIII? No

Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

The source is not subject to 45CSR30.

All registered facilities under Class II General Permit G35-A are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G35-A apply to the registrant:

- | | | |
|------------|---|-------------------------------------|
| Section 5 | Reciprocating Internal Combustion Engines (R.I.C.E.) | <input checked="" type="checkbox"/> |
| Section 6 | Boilers, Reboilers, and Line Heaters | <input checked="" type="checkbox"/> |
| Section 7 | Tanks | <input checked="" type="checkbox"/> |
| Section 8 | Emergency Generators | <input type="checkbox"/> |
| Section 9 | Dehydration Units Not Subject to MACT Standards | <input checked="" type="checkbox"/> |
| Section 10 | Dehydration Units Not Subject to MACT Standards and being controlled by a flare control device | <input type="checkbox"/> |
| Section 11 | Dehydration Units Not Subject to MACT Standards being controlled by recycling the dehydration unit back to the flame zone of the reboiler | <input type="checkbox"/> |
| Section 12 | Dehydration Units Not Subject to MACT Standards and being controlled by a thermal oxidizer | <input type="checkbox"/> |
| Section 13 | Permit Exemption (Less than 1 ton/year of benzene exemption) | <input checked="" type="checkbox"/> |
| Section 14 | Permit Exemption (40CFR63 Subpart HH – Annual average flow of gas exemption (3 mmscf/day)) | <input type="checkbox"/> |
| Section 15 | Permit Exemption (40CFR63 Subpart HHH – Annual average flow of gas exemption (10 mmscf/day)) | <input type="checkbox"/> |
| Section 16 | Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ) | <input type="checkbox"/> |

Emission Units

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity
CE-1	AJAX DPC-280	2008	269 bhp
T03	Pipeline Liquids Tank	2003	1,000 gallons
RBV-1	TEG Dehydration Unit Reboiler	2003	0.20 mmBtu/hr
RSV-1	Exterran TEG Dehydration Still Vent	2003	10 mmscf/day

Emission Limitations

Source	Criteria PTE								
	PM	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	VOC	HAPs	CO _{2e}
Engine – CE-1 (ton/yr)	0.838	0.838	0.838	0.006	29.612	3.377	3.117	1.014	1130.480
Reboiler – RBV-1 (ton/yr)	0.007	0.007	0.007	0.001	0.086	0.072	0.005	0.002	102.501
Dehys – RSV-1 (ton/yr)	--	--	--	--	--	--	14.441	4.505	385.313
Storage Tank – T03 (ton/yr)							0.319		
Truck Loading (ton/yr)							0.140		
Fugitives (ton/yr)	--	--	--	--	--	--	0.940	--	22.718
Total Emission (ton/yr)	0.844	0.844	0.844	0.006	29.698	3.449	18.962	5.520	1641.011
Total Emissions (lb/day)	4.626	4.626	4.626	0.034	162.727	18.898	103.902	30.245	8991.843
Total Emissions (lb/hr)	0.193	0.193	0.193	0.001	6.780	0.787	4.329	1.260	374.660