



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone 304/926-0475

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.wvdep.org

November 17, 2015

CERTIFIED MAIL
91 7199 9991 7035 6613 6144

Len Paugh
65 Professional Place, Suite 200
Bridgeport, WV 26330

RE: Approved Registration G35-A107B
MK Midstream Holdings, LLC
PDC West Compressor Station
Facility ID No. 033-00187

Dear Mr. Paugh:

The Director has determined that the submitted Registration Application and proposed modification and operation of a natural gas compressor station demonstrates eligibility and compliance with the requirements, provisions, standards and conditions of General Permit G35-A and hereby grants General Permit registration authorizing the proposed activity.

Please be aware of the actions required in Monitoring Requirements, Testing Requirements, Recordkeeping Requirements, and the Reporting Requirements.

Should you have any questions, please contact the undersigned engineer at (304)926-0499 ext. 1222.

Sincerely,

Roy F. Kees, P.E.
Engineer - NSR Permitting

Enclosures: Registration G35-A107B

West Virginia Department of Environmental Protection
Joe Manchin, III
Governor

Division of Air Quality

Randy C. Huffman
Cabinet Secretary

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-A107B

Issued to:

MK Midstream Holdings, LLC
PDC West Compressor Station
033-00187

A handwritten signature in blue ink, appearing to read "William F. Durham", written over a horizontal line.

William F. Durham
Director

Issued: November 17, 2015

This Class II General Permit Registration will supercede and replace G35-A107A

Facility Location: Clarksburg, Harrison County, West Virginia
Mailing Address: PO Box 26, Bridgeport, WV 26330
Facility Description: Natural Gas Compressor Station
SIC Codes: 1311
UTM Coordinates: 551.408 km Easting • 4,347.731 km Northing • Zone 17
Registration Type: Modification
Description of Change: Addition of two (2) Compressor Engines and removal of two (2) compressor engines that were not installed from last modification.

Subject to 40CFR60 Subpart IIII? No
Subject to 40CFR60 Subpart JJJJ? Yes

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.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart HH and 40 CFR 63, Subpart ZZZZ.

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 checked="" type="checkbox"/> |

Emission Units

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
CE-1R	Caterpillar G3516B LE Compressor Engine	2011	1,380 hp / 1,400 rpm
CE-2R	Caterpillar G3516B LE Compressor Engine	2011	1,380 hp / 1,400 rpm
CE-3R	Caterpillar G3516B LE Compressor Engine	2015	1,380 hp / 1,400 rpm
CE-4R	Caterpillar G3516B LE Compressor Engine	2015	1,380 hp / 1,400 rpm
CE-5R	Caterpillar G3608TALE Compressor Engine	2015	2,370 hp / 1,000 rpm
CE-6R	Caterpillar G3606TALE Compressor Engine	2015	1,775 hp / 1,000 rpm
RSV-1	Exterran Dehydration Unit	2012	31 mmscf/day
RBV-1	Exterran Reboiler	2012	1.0 mmBtu/hr
RSV-2	Exterran Dehydration Unit	2013	45 mmscf/day
RBV-2	Exterran Reboiler	2013	1.0 mmBtu/hr
TK-1	Used Oil, Water, Condensate Storage Tank	2011	100 bbl
TK-2	TEG & Oil Catch Storage Tank	2011	210 gallons

Emission Limitations

Source ID#	Nitrogen Oxides		Carbon Monoxide		Volatile Organic Compounds		Sulfur Dioxide		Particulate Matter-10		Total HAPs	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
CE-1R	1.52	6.66	0.52	2.27	0.73	3.20	-----	0.03	0.10	0.44	0.32	1.41
CE-2R	1.52	6.66	0.52	2.27	0.73	3.20	-----	0.03	0.10	0.44	0.32	1.41
CE-3R	1.52	6.66	0.52	2.27	0.73	3.20	-----	0.03	0.10	0.44	0.32	1.41
CE-4R	1.52	6.66	0.52	2.27	0.73	3.20	-----	0.03	0.10	0.44	0.32	1.41
CE-5R	2.61	11.44	1.00	4.39	1.65	7.21	0.01	0.05	0.18	0.78	0.68	2.98
CE-6R	1.96	8.57	0.75	3.29	1.23	5.40	0.01	0.04	0.13	0.58	0.51	2.23
RSV-1	-----	-----	-----	-----	0.20	0.88	-----	-----	-----	-----	-----	-----
RBV-1	0.10	0.43	0.08	0.36	-----	0.02	-----	-----	0.01	0.03	-----	-----
RSV-2	-----	-----	-----	-----	0.21	0.89	-----	-----	-----	-----	-----	-----
RBV-2	0.10	0.43	0.08	0.36	-----	0.02	-----	-----	0.01	0.03	-----	-----
TK-1	-----	-----	-----	-----	0.02	0.10	-----	-----	-----	-----	-----	0.01
TK-2	-----	-----	-----	-----	0.01	0.02	-----	-----	-----	-----	-----	-----
TOTAL	10.85	47.51	3.99	17.48	6.24	27.34	0.05	0.21	0.73	3.18	2.47	10.86