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**west virginia department of environmental protection**

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Division of Air Quality  
601 57<sup>th</sup> 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

January 11, 2015

CERTIFIED MAIL

91 7199 9991 7035 6665 8905

Connie Stewart  
P.O. Box 1005  
Institute, WV 25112

Re: Bayer CropScience LP  
Institute Site, Institute, Kanawha County, WV  
General Permit Registration No.: G60-C083  
Plant ID No. 033-00256

Dear Ms. Stewart:

Your application to modify a general permit registration 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 general permit registration G65-C083 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.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt 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 1257.

Sincerely,



John Legg  
Permit Writer

Enclosures

c: Linda Tennant, Bayer CropScience LP, Institute Site, Institute, Kanawha County WV



This Class II General Permit Registration does not supercede and replace an existing G60-C Permit Registration.

Facility Location: Institute, Kanawha County, West Virginia  
Mailing Address: P.O. Box 1005, Institute, WV 25112  
Facility Description: Landfill located near a Chemical Manufacturing Facility  
SIC Codes: 2879 – Pesticides and Agricultural Chemicals, Not Elsewhere Classified  
2869 – Industrial Organic Chemicals, Not Elsewhere Classified  
NAICS Codes: 325320 – Pesticides and Other Agriculture Chemical Manufacturing  
325199 – All other Basic Organic Chemical Manufacturing  
UTM Coordinates: 432.0 km Easting • 4,248.3 km Northing • Zone 17  
Registration Type: Construction  
Description of Change: Construction/installation of one (1), diesel-fueled emergency generator set. Generator will be equipped with a Cummins, Inc. Model QSX15-G9 engine rated at 680 bhp (507 kW) at 2,150 rpm. The generator will be used to supply electrical power for use at the Goff Mountain Landfill (GML) Operations Building during an electrical outage and will be operated a maximum of 500 hr/yr. The engine is EPA NSPS Tier 2 certified: EPA Certificate Number - FCEXL015.AAJ-011; EPA Engine Family (Cummins Emissions Family) - FCEXL015.AAJ(J103).

*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.*

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*This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.*

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**All registered facilities under Class II General Permit G60-C are subject to Sections 1.0, 2.0, 3.0, and 4.0.**

The following sections of Class II General Permit G60-C apply to the registrant:

- Section 5 Reciprocating Internal Combustion Engines (R.I.C.E.)
- Section 6 Tanks
- Section 7 Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)
- Section 8 Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)

**Emission Units**

Emission Unit ID	Emission Unit Description (Make, Model, Serial No.)	Year Installed	Design Capacity (Bhp/rpm)
EG-GML (Source ID#)	Emergency Generator Engine Cummins, Inc.; Model QSX15-G9 EPA Certificate Number – FCEXL015.AAJ-011 Cummins Emission Family – FCEXL015.AAJ(J103)	2015	680 Bhp/2150 rpm

**Emission Limitations**

Source ID#	Nitrogen Oxides		Carbon Monoxide		Volatile Organic Compounds	
	lb/hr	ton/yr	lb/hr	ton/yr	lb/hr	ton/yr
EG-GML	5.85	1.46	0.60	0.15	1.68	0.42
<b>TOTAL</b>	<b>5.85</b>	<b>1.46</b>	<b>0.60</b>	<b>0.15</b>	<b>1.68</b>	<b>0.42</b>