

ATTACHMENT - Facility Information

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GENERAL INFORMATION

A - APPLICABLE PERMIT DATES

COVERAGE DATE: July 23, 2013

B - FACILITY PHYSICAL ADDRESS

FACILITY STREET ADDRESS: 2324 Vernsdale Road
CITY, STATE, ZIP FACILITY IS LOCATED IN: Rock Hill, SC 29730
COUNTY FACILITY IS LOCATED IN: York

C - EQUIPMENT INSTALLED

Equipment ID	Equipment Description	Fuels Used	Installation Date	Modification Date	Emission Point ID
Thermal Kem Unit 1	General Motors 20-645F4B diesel generator, rated at 2865 KW	No. 2 Fuel Oil with Sulfur Content $\leq 0.05\%$ by weight, and ILFC 1032 fuel inhibitor is approved as an additive to the Fuel Oil	1996	N/A	Unit-1

D – ADDITIONAL CONDITIONS - RESERVED

RECORD OF REVISIONS FOR GCM-2440-0157	
Revision Date	Description of Change
04-01-2014	Updated template and removed exempt source list
02-06-2015	Updated ATTACHMENT - Emission Rates for Ambient Air Standards

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The emission rates listed herein are not considered federally enforceable limitations but are used to evaluate ambient air quality impact. Until the Department makes a determination that a facility is causing or contributing to an exceedance of a state or federal ambient air quality standard, increases to these emission rates are not in themselves considered violations of these ambient air quality standards (see Ambient Air Standards Requirements).

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2					
Emission Point ID	Emission Rates (lbs/hr)				
	TSP	PM ₁₀	SO ₂	NO _x	CO
B-1 – Generator Exhaust	1.905	1.587	6.111	155.714	2.46

TOXIC AIR POLLUTANTS - STANDARD NO. 8		
POLLUTANT	CAS NUMBER	Facility Wide Emission Rates (lbs/day)
Acetaldehyde	75-07-0	0.02
Acrolein	107-02-8	0.005
Benzene	71-43-2	0.5
Formaldehyde	50-00-0	0.05
Naphthalene	91-20-3	0.09
Toluene	108-88-3	0.2
Xylene	1330-20-7	0.1