

ATTACHMENT - Facility Information

GSE Lining Technologies

GSOP-2320-0035

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A - APPLICABLE PERMIT DATES

Effective DATE: March 20, 2014

B - FACILITY PHYSICAL ADDRESS

STREET ADDRESS: 1245 Eastland Avenue
 CITY, STATE, ZIP: Kingstree SC 29556
 COUNTY: Williamsburg

C - EMISSION UNIT DESCRIPTION

Emission Unit ID	Emission Unit Description
01	2,800 lb/hr Calender Machine
02	3,000 lb/hr Laminated Polyethylene Process Line
03	18 ton/hr Geosynthetic Clay Liner Process Line

D - EQUIPMENT AND CONTROL DEVICES

D.1 - EQUIPMENT FOR EMISSION UNIT 01 – 2,800 LB/HR CALENDER MACHINE

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
N/A	2,800 lb/hr Calender Machine for processing polypropylene, rayon, and polyethylene staple into nonwoven cloth	2001	N/A	N/A

D.2 - EQUIPMENT FOR EMISSION UNIT 02 - 3,000 LB/HR LAMINATED POLYETHYLENE PROCESS LINE

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
N/A	3,000 lb/hr process line to produce a polyethylene net material and laminated with polypropylene	2002	N/A	N/A
	Two (2) 1.15x10 ⁶ BTU/hr natural gas fired burners			

D.3 - EQUIPMENT FOR EMISSION UNIT 03 - 18 TON/HR GEOSYNTHETIC CLAY LINER PROCESS LINE

Equipment ID	Equipment Description	Installation Date/ Modification Date	Control Device ID	Emission Point ID
GCL	18 ton/hr Process Line to Produce Geosynthetic Clay Liner	2012	CD-DC-01	E-10

D.4 - CONTROL DEVICE FOR EMISSION UNIT 03 - 18 TON/HR GEOSYNTHETIC CLAY LINER PROCESS LINE

Control Device ID	Control Device Description	Installation Date/ Modification Date	Pollutants Controlled
CD-DC-01	Baghouse (Inherent to Process)	2012	PM, PM ₁₀ , PM _{2.5}

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E - RESERVED

RECORD OF REVISIONS	
Revision Date	Description of Change
01-29-2015	Updated Attachment Emission Rates for Ambient Air Standards

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.

AMBIENT AIR QUALITY STANDARDS - STANDARD NO. 2							
Emission Point ID	Emission Rates (lbs/hr)						
	PM ₁₀	PM _{2.5}	SO ₂	NO _x	CO	Lead	Gaseous Fluorides (as HF)
E-10 (GCL)	0.658	0.658	--	--	--	--	--
Lamination Line (ID 02)	0.077	--	0.001	0.3220	0.081	--	--