DEPARTMENT OF ENVIRONMENTAL QUALITY

KATHLEEN BABINEAUX BLANCO
GOVERNOR

MIKE D. McDANIEL, Ph.D.
SECRETARY

Certified Mail No.

Activity No.: PER20060001
Agency Interest No. 2617

Timothy H. Crawford
Georgia Pacific Corp
P.O. Box 430
Zachary, LA 70791

RE: Part 70 Operating Permit, Georgia Pacific Corp - Port Hudson Operations
Georgia Pacific Corp., Zachary, East Baton Rouge Parish, Louisiana

Dear Mr. Crawford:

This is to inform you that the permit modification for the above referenced facility has been approved under LAC 33:III.501. The permit is both a state preconstruction and Part 70 Operating Permit. The submittal was approved on the basis of the emissions reported and the approval in no way guarantees the design scheme presented will be capable of controlling the emissions as to the types and quantities stated. A new application must be submitted if the reported emissions are exceeded after operations begin. The synopsis, data sheets and conditions are attached herewith.

It will be considered a violation of the permit if all proposed control measures and/or equipment are not installed and properly operated and maintained as specified in the application.

Operation of this facility is hereby authorized under the terms and conditions of this permit. This authorization shall expire at midnight on the 22nd of August, 2010, unless a timely and complete renewal application has been submitted six months prior to expiration. Terms and conditions of this permit shall remain in effect until such time as the permitting authority takes final action on the application for permit renewal. The permit number and agency interest number cited above should be referenced in future correspondence regarding this facility.

Done this _____ day of _____, 2007.

Permit No.: 0840-00010-V3

Sincerely,

Chuck Carr Brown Ph.D.
Assistant Secretary
CCB:VTH
c: EPA Region VI

ENVIRONMENTAL **SERVICES**
: PO BOX 4313, BATON ROUGE, LA 70821-4313
P:225-219-3181 F:225-219-3309
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AIR PERMIT BRIEFING SHEET
AIR PERMITS DIVISION
LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

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I. Background

Georgia-Pacific (G-P) Corporation owns and operates a pulp and paper mill on the east bank of the Mississippi River, near Port Hudson, East Baton Rouge Parish. The mill operates under various air permits, PSD-LA-544(M-1), PSD-LA-581(M-3), and 0840-00010-V2. This Part 70 operating permit is for all emission points at the mill and includes provisions of Permit PSD-LA-544(M-1) and PSD-LA-581(M-3).

This is the Part 70 operating permit modification for the facility.

II. Origin

A permit application and Emission Inventory Questionnaire was submitted by Georgia Pacific Corp. on April 13, 2006, requesting a Part 70 operating permit modification. Additional information dated December 1, 2006, January 12, 2007, and February 7,2007 was also received.

III. Description

Logs and purchased chips are received via truck and/or railcar. Logs are stored on hardwood and softwood log piles and then routed to the debarking drum where bark/dirt is removed prior to chipping. Reclaimed bark is stored in piles for later use as fuel. The debarked logs are sent to a chipper, where logs are reduced to chip fragments and conveyed to chip piles and then to the scalpers and chip screens. Purchased chips are also sorted, screened and then stored in the chip piles area.

The softwood chips from the chip piles are conveyed to the batch chip bin associated with the No. 3 Fiber Line and then to the batch digesters. Cooking chemicals (liquors) and additives are then added to the digesters prior to the cooking cycle. The cooked material is blown from the digester to the blow tank and then routed to the knotters to remove knots. Exhaust gases generated during pulping are routed to the turpentine collection system, and then to the lime kilns for incineration. Rejects from the knotter are sent back to the digesters for recooking. The acceptable fiber (pulp) is sent to the brownstock washers to recover residual cooking liquor, which is then sent to the recovery system. Pulp is screened, rewashed, and then stored in high density storage tanks.

The hardwood chips are cooked in the Kamyr (No. 1 Fiber Line) and ESCO (No. 2 Fiber Line) continuous digesters. Chips are pressure-fed into a steaming vessel and then into the digester of the Kamyr Line. Chips are also sent to the ESCO chip bin through a cyclone, into the ESCO presteamer through the presteaming bin, and then into the ESCO continuous

digester. Chips are cooked with liquors and additives. The pulp is washed, screened, rewashed, and then stored in the brownstock storage tanks.

The recovered black liquor, either from onsite or off site sources, is sent to the multi-effect evaporators and then to the concentrators for water removal. The concentrated black liquor is burned in two recovery furnaces to reclaim chemicals and heat value. The molten chemicals (smelt) from the furnaces are dissolved in weak wash (from the recausticizing area mud and dregs washers) and/or water to form green liquor.

Green liquor is sent to the clarifier to remove settled solids. At the slaker, new and/or reburned lime (calcium oxide, CaO) is added to convert clear green liquor to white liquor. Lime mud ($CaCO_3$) is removed from the white liquor and sent to the limekilns to recover CaO. White liquor is recycled to the digesters.

At the mill's three bleach plants, pulp (unbleached brownstock) is bleached using chlorine dioxide in an elemental chlorine free (ECF) bleaching sequence. The pulp is then processed into paper in two fine paper machines (No. 3 and No. 4 Machines) or tissue and towel, using the tissue machine (No. 5 Machine) and towel machine (No. 6 Machine). Fine paper is shipped in rolls or converted into folio and cut-size in the converting area. Tissue and towel are shipped in rolls or converted onsite into finished consumer products.

High-volume, low-concentration (HVLC) gases generated in the brownstock washers, knotters, and screeners are collected and incinerated in No. 1 Combination Boiler or No. 5 Power Boiler. These gases will be incinerated in the new circulating fluidized bed cogeneration unit (No. 6 CFB Boiler- EPN 130) after startup, and No. 5 Power Boiler will remain as the backup control. Low volume, high concentration (LVHC) gases from the digesters blow tanks, evaporators, concentrators, and turpentine system, are collected and combusted in the lime kilns.

The mill operates two boilers to satisfy the steam demand. The No. 1 Combination Boiler burns bark, woodwaste and natural gas. This boiler is being replaced by the new circulating fluidized bed cogeneration unit (No. 6 CFB Boiler- EPN 130), which will burn bark, wood waste, sludge, and petroleum coke. The No. 5 Power Boiler is fueled only by natural gas. Other equipment at the mill includes a wastewater treatment system, landfills, storage tanks, and water-cooling towers.

Georgia-Pacific requests a Part 70 operating permit modification for the mill. This modification includes updates to the No. 6 CFB Boiler project including design changes to the materials handling system, the addition of a larger pet coke/limestone baghouse (EPN 168) to replace several smaller ones, the addition of an ash filter separator vent (EPN 169), the addition of a biomass fuel handling system(EPN 170), the addition of tire-derived fuel as an additional alternative fuel for the No. 6 CFB boiler, sulfuric acid emissions from the No. 6 CFB Boiler, an increase in the methanol throughput, revisions to the No. 3 Bleach Plant to

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correct the permitted throughput, corrections and clarifications to specific requirements, and changes to the CAM plan for the Material and Ash Handling System Baghouses and Vent Filters. The permit is for all operations at Port Hudson and also includes the following: 1) Provisions of Permit PSD-LA-544(M-1) for various projects from 1986-1992; 2) the provisions of Permit PSD-LA-581(M-2) for the No. 6 Tissue/Towel Machine project; and 3) the provisions of Compliance Order AE-CN-03-0319.

Port Hudson Operations is located in a marginal ozone nonattainment area and is a major source under Nonattainment New Source Review (NNSR) provisions, LAC 33:III.504. Potential increases in NO_X and VOC emissions (without respect to decreases) from affected sources are below 5 TPY; accordingly, a netting analysis, which considers emissions resulting from any physical or operational change at the facility, is not required.

Port Hudson Operations is also a major source under the Prevention of Significant Deterioration (PSD) program, LAC 33:III.509. Potential increases in emissions from affected sources (without respect to decreases) are below their respective significance levels; therefore, a PSD netting analysis is not required.

Estimated emissions in tons per year are as follows:

Pollutant	Before	After	Change
PM_{10}	823.43	824.71	+1.28
SO_2	1807.31	1807.31	-
NO_X	2220.93	2220.93	-
CO	4676.30	4676.80	+0.50
VOC	881.68	881.99	+0.31

LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
1,1,1-Trichloroethane*	0.04	0.04	-
1,1,2-Trichloroethane	0.09	0.09	-
1,2,4-Trichlorobenzene	2.53	2.53	-
1,2-Dibromoethane	0.01	0.01	-
1,2-Dichloroethane	0.13	0.13	-

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
1,2-Dichloropropane	0.02	0.02	-
2,2,4-Trimethylpentane	<0.01	<0.01	-
2,4-Dinitrophenol	<0.01	<0.01	-
2,4-Dinitrotoluene	<0.01	<0.01	-
2-Chloroacetophenone	<0.01	<0.01	-
2-Methylnaphthalene	0.02	0.02	-
4,6-Dinitro-2-methylphenol	<0.01	<0.01	-
4-Nitrophenol	<0.01	<0.01	-
Acetaldehyde	45.07	45.07	-
Acrolein	0.98	0.98	-
Ammonia*	140.49	140.49	-
Antimony*	0.05	0.05	-
Arsenic*	0.03	0.03	-
Barium*	0.51	0.51	-
Benzene	0.71	0.71	-
Benzyl chloride	0.21	0.21	-
Beryllium*	<0.01	<0.01	-
Biphenyl	<0.01	<0.01	-
Bis(2-ethylhexyl) phthalate	0.02	0.02	-
Bromoform	0.01	0.01	-
Cadmium*	0.02	0.02	-
Carbon disulfide	1.09	1.09	-
Carbon tetrachloride	0.06	0.06	-
Carbonyl sulfide	<0.01	<0.01	-
Chlorinated dibenzo furans	<0.0001	<0.0001	-
Chlorinated dibenzo-p-dioxans	0.0004	0.0004	-
Chlorine*	8.08	8.08	-
Chlorine dioxide*	4.85	4.85	-

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
Chlorobenzene	0.16	0.16	-
Chloroethane	0.01	0.01	-
Chloroform	2.24	2.24	-
Chloromethane	0.24	0.24	-
Chromium*	0.04	0.04	-
Cobalt compounds*	0.01	0.01	-
Copper*	0.31	0.31	-
Cresols (mixed isomers)	0.23	0.23	-
Cumene	0.08	0.08	-
Cyanide	0.76	0.76	-
Dibutyl phthalate	0.17	0.17	-
Dichloromethane	0.82	0.82	-
Diethanolamine	15.36	15.36	-
Dimethyl sulfate	0.01	0.01	-
Di-n-butyl phthalate	0.02	0.02	-
Ethylbenzene	0.04	0.04	-
Formaldehyde	9.84	9.84	-
Hexachlorobenzene	<0.01	<0.01	-
Hexachlorocyclopentadiene	0.15	0.15	-
Hexachloroethane	0.32	0.32	-
n-Hexane	0.32	0.32	-
Hydrochloric acid*	147.08	147.08	-
Hydrogen fluoride*	9.09	9.09	-
Hydrogen sulfide*	39.63	39.63	-
Isophorone	0.18	0.18	-
Lead compounds*	0.08	0.08	-
Manganese*	0.11	0.11	-
Mercury*	0.03	0.03	-

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Pollutant	Before	After	Change
Methanol	192.50	192.52	+0.02
Methyl bromide	0.07	0.07	-
Methyl ethyl ketone	16.53	16.53	-
Methyl hydrazine	0.05	0.05	-
Methyl isobutyl ketone	0.80	0.80	-
Methyl mercaptan	0.48	0.48	-
Methyl methacrylate	0.01	0.01	-
Methyl tert-butyl ether	0.01	0.01	-
Naphthalene	2.98	2.98	-
Nickel*	5.52	5.52	-
PAH	0.76	0.76	-
Phenol	0.62	0.62	-
Phosphorus*	0.20	0.20	-
Alpha-pinene	<0.01	<0.01	-
Beta-pinene	<0.01	<0.01	-
Propionaldehyde	0.34	0.34	-
Selenium*	13.18	13.18	-
Styrene	0.58	0.58	-
Sulfuric acid*	12.16	17.46	+5.3
Tetrachloroethylene*	2.67	2.67	-
Toluene	1.25	1.25	-
Total reduced sulfur*	86.90	86.90	-
Trichloroethylene	0.02	0.02	-
Vinyl acetate	0.03	0.03	-
Vinyl chloride	<0.01	<0.01	-
Xylene (mixed isomers)	1.20	1.20	-
Zinc*	0.63	0.66	+0.03
Total	771.8404	777.1904	+5.35

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LAC 33:III Chapter 51 Toxic Air Pollutants (TAPs):

Pollutant	Before	After	Change
VOC TAPs	300.1304	300.1504	+0.02
*Non-VOC TAPs	471.71	477.04	+5.33

IV. Type of Review

This permit was reviewed for compliance with 40 CFR 70, the Louisiana Air Quality Regulations, Prevention of Significant Deterioration (PSD), New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP).

This facility is a major source of toxic air pollutants (TAPs) pursuant to LAC 33:III.Chapter 51. Impact of TAP emissions on air quality will not exceed the National Ambient Air Quality Standards and Ambient Air Standards.

V. Credible Evidence

Notwithstanding any other provisions of any applicable rule or regulation or requirement of this permit that state specific methods that may be used to assess compliance with applicable requirements, pursuant to 40 CFR Part 70 and EPA's Credible Evidence Rule, 62 Fed. Reg. 8314 (Feb. 24, 1997), any credible evidence or information relevant to whether a source would have been in compliance with applicable requirements if the appropriate performance or compliance test or procedure had been performed shall be considered for purposes of Title V compliance certifications. Furthermore, for purposes of establishing whether or not a person has violated or is in violation of any emissions limitation or standard or permit condition, nothing in this permit shall preclude the use, including the exclusive use, by any person of any such credible evidence or information.

VI. Public Notice

A notice requesting public comment on the permit was published in *The Advocate*, Baton Rouge, Louisiana, on <date>; *The Zachary Plainsman*, Zachary, Louisiana, on <date>. A copy of the public notice was mailed to concerned citizens listed in the Office of Environmental Services Public Notice Mailing List on <date>. The draft permit was also submitted to US EPA Region VI on <date>. All comments were considered prior to the final permit decision.

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VII. Effects on Ambient Air

Dispersion Model(s) Used: ISCST3

Pollutant	Time Period	Calculated Maximum Ground Level Concentration	Louisiana Toxic Air Pollutant Ambient Air Quality Standard or (National Ambient Air Quality Standard {NAAQS})
Particulate	24-Hour Average	143.5	(150)
	Annual Average	43.7	(50)
SO_2	3-Hour Average	508.3	(1300)
	24-Hour Average	266.5	(365)
	Annual Average	32.5	(80)
Carbon Monoxide	1-Hour Average	961.7	(40,000)
	8-Hour Average	337.2	(10,000)
Acrolein	8-Hour Average	2.77	5.4
Ammonia	8-Hour Average	147	640
Chlorine Dioxide	8-Hour Average	4.16	6.67
Chloroform	Annual Average	1.76	4.3
Formaldehyde	Annual Average	0.76	7.69
Hydrogen Chloride	8-Hour Average	18.08	180
Nickel	Annual Average	0.027	0.21
Selenium	8-Hour Average	2.26	4.67

VIII. General Condition XVII Activities

		Emission Rates - tons				
Work Activity	Schedule	PM_{10}	SO_2	NO_X	CO	VOC
Start-up/Shutdown	8hrs/month	0.023	0.002	0.428	0.257	0.017
Solvent Parts Washers	8 weeks	-	-	-	-	1.12
Sampling Procedures		-	-	-	-	0.05
Pump Preparation		-	-	-	-	0.51
Line Preparation		-	-	-	-	2.10
Vessel Preparation/Tank Cleaning		-	-	-	-	2.97
Filter Replacement		-	-	-	-	2.64
Trial Activities		-	-	-	-	2.02

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IX. Insignificant Activities

ID No.:	Description	Citation
	$NaClO_3$ Tank	LAC 33:III.501.B.5.A.4
	Grits Washer	LAC 33:III.501.B.5.B.27
	Dregs Washer	LAC 33:III.501.B.5.B.27
	Dregs Surge Tanks	LAC 33:III.501.B.5.B.27
	No. 3 Lime Mud Mix Tank	LAC 33:III.501.B.5.B.27
	No. 2 Lime Mud Washer	LAC 33:III.501.B.5.B.27
	No. 4 Lime Mud Mix Tank	LAC 33:III.501.B.5.B.27
	Lime Mud Pressure Filter	LAC 33:III.501.B.5.B.27
	Lime Mud Dilution Tank	LAC 33:III.501.B.5.B.27
	Lime Mud Storage Tanks	LAC 33:III.501.B.5.B.27
	Wood Handling Screens	LAC 33:III.501.B.5.B.27
	Wood Handling Conveyors	LAC 33:III.501.B.5.B.27
	Softwood Screen Cyclone	LAC 33:III.501.B.5.B.27
	No. 1 Bleach Plant EoP Tower (1st)	LAC 33:III.501.B.5.C
	No. 1 Bleach Plant EoP Washer (1st)	LAC 33:III.501.B.5.C
	No. 1 Bleach Plant EoP Tower Seal Pot (1st)	LAC 33:III.501.B.5.C
	No. 1 Bleach Plant EoP Tower (2nd)	LAC 33:III.501.B.5.C
	No. 1 Bleach Plant E Washer	LAC 33:III.501.B.5.C
	No. 2 Bleach Plant E Washer	LAC 33:III.501.B.5.C
	No. 2 Bleach Plant Wash Stage Tower	LAC 33:III.501.B.5.C
	No. 2 Bleach Plant Wash Stage Washer	LAC 33:III.501.B.5.C
	No. 2 Bleach Plant Wash Stage Seal Pot	LAC 33:III.501.B.5.C
	Sulfuric Acid Tank	LAC 33:III.501.B.5.D
	No. 3 Paper Machine Broke Chest	LAC 33:III.501.B.5.A.4
	No. 4 Paper Machine Broke Chest	LAC 33:III.501.B.5.A.4
	No. 5 Tissue Machine Broke Chest	LAC 33:III.501.B.5.A.4
	Paper Machine Building Roof Vents	LAC 33:III.501.B.5.D
	Instrumentation Mechanical Work	LAC 33:III.501.B.5.B.3
	Shop Work on Unit Equipment	LAC 33:III.501.B.5.B.3

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
	Plant Wide		1		1			2			3				1	1	1	1	1
ARE 7	67A North Landfill															2			
ARE 8	67B South Landfill															2			
ARE 9	103 Landfill No. 3															2			
EQT 11	40 Wastewater Treatment Sys.															2			
EQT 12	45 Paper Machine No. 4															2			
EQT 13	48A Heavy Black Liquor Tank 1															1			
EQT 14	48B Heavy Black Liquor Tank 2															1			
EQT 15	49 Batch Digester Fill Exhaust															2			
EQT 16	50A Bleached H.D. Tank No.1															1			
EQT 17	50B Bleached H.D. Tank No.2															1			
EQT 18	50C Bleached H.D. Tank No.3															1			
EQT 19	50D Bleached H.D. Tank No.4															1			

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		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 20	50E Bleached H.D. Tank No.5															1			
EQT 21	50F Bleached H.D. Tank No.6															1			
EQT 22	52 Lime Mud Precoat Filter															1			
EQT 23	55A Weak Black Liquor Tank 1															1			
EQT 24	55B Weak Black Liquor Tank 2															1			
EQT 25	55C Weak Black Liquor Tank 3															1			
EQT 26	56A Brownstock H.D. Tank No.1															1			
EQT 27	56B Brownstock H.D. Tank No.2															1			
EQT 28	56C Brownstock H.D. Tank No.3															1			
EQT 29	61 Black Liquor Pond															1			
EQT 30	63 Gasoline Storage Tank						1									1			
EQT 31	65 Paper Broke Cyclones																		
EQT 32	68 TM No. 5 Dryer Hood Vent					2										2			
EQT 33	69 TM No. 5 Vacuum Pump Vent															2			

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		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 34	70 TM No. 5 Wet Scrubber Vent															2			
EQT 35	71A No. 3&4 Starch Silo Baghouse																		
EQT 36	71B Wet End Starch Silo Baghouse																		
EQT 37	71C Bentonite Silo Baghouse																		
EQT 38	74 Conc. Liquor Process Tank 1															1			
EQT 39	75 Conc. Liquor Process Tank 2															1			
EQT 40	78 Black Liquor Load/Unload																		
EQT 41	79A Caustic/Liquor Tank No. 1															1			
EQT 42	79B Caustic/Liquor Tank No. 2															1			
EQT 43	79C Caustic/Liquor Tank No. 3															1			
EQT 44	79D Caustic/Liquor Tank No. 4															1			
EQT 45	80 Paper Machine No. 3															2			
EQT 46	81 Paper Machine No. 4															2			
EQT 47	82 Green Liquor Stabilization Tank															1			

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ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 48	83 Green Liquor Clarifier No. 2															1			
EQT 49	84 Green Liquor Clarifier No. 4															1			
EQT 50	85A White Liquor Clarifier Tank 1															1			
EQT 51	85B White Liquor Clarifier Tank 2															1			
EQT 52	86 White Liquor Clarifier No. 3															1			
EQT 53	87 White Liquor Clarifier No. 4															1			
EQT 54	88A White Liquor Storage Tank 1															1			
EQT 55	88B White Liquor Storage Tank 2															1			
EQT 56	89 Weak Wash Storage Tank															1			
EQT 57	91 Lime Silo Baghouse No. 1																		
EQT 58	92 Lime Silo Baghouse No. 2																		
EQT 59	93 Knotter No. 1															2			
EQT 60	94 Knotter No. 2															2			
EQT 61	95 Batch Chip Silo																		

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ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 62	96 Kamyr Chip Bin																		
EQT 63	97A Hardwood Chip Silo Kamyr																		
EQT 64	97B Hardwood Chip Silo ESCO																		
EQT 65	98 ESCO Chip Bin Cyclone																		
EQT 66	102A Power & Utilities C.T. 1																		
EQT 67	102B Power & Utilities C.T. 2																		
EQT 68	102C Pulp Mill C.T.																		
EQT 69	102D East Converting C.T.																		
EQT 70	102E West Converting C.T.																		
EQT 71	102F New Converting C.T.																		
EQT 72	102G Tissue Converting C.T. 1																		
EQT 73	102H Tissue Converting C.T. 2																		
EQT 74	102I No.3 Vacuum Pump C.T.																		
EQT 75	102J No.4 Vacuum Pump C.T.																		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia Pacific Corp - Port Hudson Operations
Agency Interest No.: 2617
Georgia Pacific Corp.
Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 76	102K No. 6 Centr. Chiller C.T.																		
EQT 77	102L No. 6 Vacuum Pump C.T.																		
EQT 78	102M No. 6 Abs. Chiller C.T.																		
EQT 79	105 T.M. No. 6 Vacuum Pump															2			
EQT 80	106 T.M. No. 6 TAD Exhaust 1			1		2													
EQT 81	107 T.M. No. 6 TAD Exhaust 2			1		2													
EQT 82	108 T.M. 6 TAD Mist Elimination															2			
EQT 83	109 T.M. 6 Dust Collection															2			
EQT 84	110 T.M. 6 Converting Pulper															2			
EQT 85	111 T.M. 6 Yankee Aircap			1		2													
EQT 86	117 Wet Strength Storage Tank						2												
EQT 87	118 Broke System Bailer Exhaust																		
EQT 88	119 No. 6 Cut-Size Sheeter Vents																		
EQT 89	120 LK Coke Handling																		

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 90	121 LK Pet Coke Mill Process																		
EQT 91	122 T.M. 5 Pulper Exhaust Stack																		
EQT 92	72 Recovery Furnace No. 1			1		1								1		1			
EQT 93	73 Recovery Furnace No. 2			1		1								1		1			
EQT 94	7 Smelt Tank Scrubber No. 1													1		1			
EQT 95	8 Smelt Tank Scrubber No. 2 -A													1		1			
EQT 96	9 Smelt Tank Scrubber No. 2 -B													1		1			
EQT 97	10 Lime Kiln No. 1/ Scrubber			1		2								1		1			
EQT 98	11 Lime Kiln No. 2/ Scrubber			1		2								1		1			
EQT 99	5 Combination Boiler No. 1			1		1							2	1		1			
EQT 100	27 Power Boiler No. 5			1		2													
EQT 101	34 Bleach Plant 3 Scrubber															1			
EQT 102	37 Bleach Plant 1 Scrubber															1			
EQT 103	38 Bleach Plant 2 Scrubber															1			
EQT 104	39 Methanol Storage Tank						1												

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Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 105	42 Paper Machine 3 Saveall															2			
EQT 106	43 P. Mach. 3 White Water Chest															2			
EQT 107	44 Paper Machine 4 Saveall															2			
EQT 108	47 Slakers/Causticizers Combin.															2			
EQT 109	130 No. 6 CFB Boiler			1		1							2	1		2			
EQT 110	132 PC/Coal Truck Unloading																		
EQT 114	137A No.1 PC/Coal Day Bin																		
EQT 115	137B No.2 PC/Coal Day Bin																		
EQT 116	140 Limestone Truck Unloading																		
EQT 119	145 LS Day Bin Baghouse																		
EQT 121	147 No. 1 Ash Silo Baghouse																		
EQT 122	148 No. 2 Ash Silo Baghouse																		
EQT 123	149 Process Cooling Tower																		
EQT 125	153 Ash Hydration																		

LOUISIANA DEPARTMENT OF ENVIRONMENTAL QUALITY

Georgia Pacific Corp - Port Hudson Operations
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Georgia Pacific Corp.
Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 126	154 Wet Strength Storage Tank B															1			
EQT 127	155 No. 1 Bleach Plant E Stage																		
EQT 128	156 No. 2 Bleach Plant E Stage																		
EQT 129	157 No. 3 Bleach Plant E Stage																		
EQT 130	158 Sulfuric Acid Tank 1																		
EQT 131	159 Sulfuric Acid Tank 2																		
EQT 132	160 No 5 TM Conveying Scrubber																		
EQT 133	161 No 6 Boiler Startup/Shutdown																		
EQT 134	162 LK Raw Pet Coke Bin																		
EQT 135	163 LK Ground Pet Coke Bin																		
EQT 136	165 No. 6 Boiler Ammonia Tank																		
EQT 137	LVHC System													1		1			
EQT 138	HVLC System															1			
EQT 139	PULP Pulping Condensates															1			

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ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
EQT 140	166 Pet Coke Conveying System																		
EQT 141	169 Boiler Ash Filter Sep. Vent																		
EQT 142	170 No. 6 CFB Biomass Fuel Hndl.																		
EQT 143	168 Pet Coke/Limestone Baghouse	1																	
EQT 144	167 Limestone Conveying System																		
FUG 1	66 Paved and Unpaved Roads																		
FUG 2	90 Lime Kiln Fugitives																		
FUG 3	99 Hardwood Handling Fugitives																		
FUG 4	100 Softwood Handling Fugitives																		
FUG 5	101 Bark Pile Fugitives																		
FUG 6	113 TM No. 6 Fugitives															2			
FUG 7	114 TM No. 6 Converting Fugitives																		
FUG 8	131 PC/Coal Storage Pile Fugitives																		
FUG 9	133 PC/Coal Dump Pit Fugitives																		

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	LAC 33:III.Chapter																	
		5	9	11	13	15	2103	2104	2107	2111	2115	2116	22	23	29	51	53	56	59
FUG 10	139 LS Storage Pile Fugitives																		
FUG 11	141 LS Railcar Dump Pit Fugitives																		
FUG 12	151 Fly Ash Loading Fugitives																		
FUG 13	152 Bottom Ash Loading Fugitives																		

KEY TO MATRIX

1 -The regulations have applicable requirements that apply to this particular emission source.
-The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 -The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 -The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP						40 CFR			
		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
	Plant Wide									1		1	1					1		1	
ARE 7	67A North Landfill																				
ARE 8	67B South Landfill																				
ARE 9	103 Landfill No. 3																				
EQT 11	40 Wastewater Treatment Sys.																				
EQT 12	45 Paper Machine No. 4																				
EQT 13	48A Heavy Black Liquor Tank 1																				
EQT 14	48B Heavy Black Liquor Tank 2																				
EQT 15	49 Batch Digester Fill Exhaust																				
EQT 16	50A Bleached H.D. Tank No.1																				
EQT 17	50B Bleached H.D. Tank No.2																				
EQT 18	50C Bleached H.D. Tank No.3																				
EQT 19	50D Bleached H.D. Tank No.4																				

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Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP						40 CFR			
		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 20	50E Bleached H.D. Tank No.5																				
EQT 21	50F Bleached H.D. Tank No.6																				
EQT 22	52 Lime Mud Precoat Filter																				
EQT 23	55A Weak Black Liquor Tank 1																				
EQT 24	55B Weak Black Liquor Tank 2																				
EQT 25	55C Weak Black Liquor Tank 3																				
EQT 26	56A Brownstock H.D. Tank No.1																				
EQT 27	56B Brownstock H.D. Tank No.2																				
EQT 28	56C Brownstock H.D. Tank No.3																				
EQT 29	61 Black Liquor Pond																				
EQT 30	63 Gasoline Storage Tank																				
EQT 31	65 Paper Broke Cyclones																				
EQT 32	68 TM No. 5 Dryer Hood Vent																				
EQT 33	69 TM No. 5 Vacuum Pump Vent																				

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP						40 CFR			
		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 34	70 TM No. 5 Wet Scrubber Vent																				
EQT 35	71A No. 3&4 Starch Silo Baghouse																	1			
EQT 36	71B Wet End Starch Silo Baghouse																	1			
EQT 37	71C Bentonite Silo Baghouse																	1			
EQT 38	74 Conc. Liquor Process Tank 1																				
EQT 39	75 Conc. Liquor Process Tank 2																				
EQT 40	78 Black Liquor Load/Unload																				
EQT 41	79A Caustic/Liquor Tank No. 1																				
EQT 42	79B Caustic/Liquor Tank No. 2																				
EQT 43	79C Caustic/Liquor Tank No. 3																				
EQT 44	79D Caustic/Liquor Tank No. 4																				
EQT 45	80 Paper Machine No. 3																				
EQT 46	81 Paper Machine No. 4																				
EQT 47	82 Green Liquor Stabilization Tank																				

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Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP						40 CFR			
		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 48	83 Green Liquor Clarifier No. 2																				
EQT 49	84 Green Liquor Clarifier No. 4																				
EQT 50	85A White Liquor Clarifier Tank 1																				
EQT 51	85B White Liquor Clarifier Tank 2																				
EQT 52	86 White Liquor Clarifier No. 3																				
EQT 53	87 White Liquor Clarifier No. 4																				
EQT 54	88A White Liquor Storage Tank 1																				
EQT 55	88B White Liquor Storage Tank 2																				
EQT 56	89 Weak Wash Storage Tank																				
EQT 57	91 Lime Silo Baghouse No. 1																				
EQT 58	92 Lime Silo Baghouse No. 2																				
EQT 59	93 Knotter No. 1												2								
EQT 60	94 Knotter No. 2												2								
EQT 61	95 Batch Chip Silo																	1			

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

ID No.:	Description	40 CFR 60 NSPS							40 CFR 61			40 CFR 63 NESHAP						40 CFR			
		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 62	96 Kamyr Chip Bin																	1			
EQT 63	97A Hardwood Chip Silo Kamyr																	1			
EQT 64	97B Hardwood Chip Silo ESCO																	1			
EQT 65	98 ESCO Chip Bin Cyclone																	1			
EQT 66	102A Power & Utilities C.T. 1																				
EQT 67	102B Power & Utilities C.T. 2																				
EQT 68	102C Pulp Mill C.T.																				
EQT 69	102D East Converting C.T.																				
EQT 70	102E West Converting C.T.																				
EQT 71	102F New Converting C.T.																				
EQT 72	102G Tissue Converting C.T. 1																				
EQT 73	102H Tissue Converting C.T. 2																				
EQT 74	102I No.3 Vacuum Pump C.T.																				
EQT 75	102J No.4 Vacuum Pump C.T.																				

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Zachary, East Baton Rouge Parish, Louisiana

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		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 76	102K No. 6 Centr. Chiller C.T.																				
EQT 77	102L No. 6 Vacuum Pump C.T.																				
EQT 78	102M No. 6 Abs. Chiller C.T.																				
EQT 79	105 T.M. No. 6 Vacuum Pump																	1			
EQT 80	106 T.M. No. 6 TAD Exhaust 1																	1			
EQT 81	107 T.M. No. 6 TAD Exhaust 2																	1			
EQT 82	108 T.M. 6 TAD Mist Elimination																	1			
EQT 83	109 T.M. 6 Dust Collection																	1	1		
EQT 84	110 T.M. 6 Converting Pulper																	1			
EQT 85	111 T.M. 6 Yankee Aircap																	1	1		
EQT 86	117 Wet Strength Storage Tank																				
EQT 87	118 Broke System Bailer Exhaust																				
EQT 88	119 No. 6 Cut-Size Sheeter Vents																				
EQT 89	120 LK Coke Handling																				

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		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 90	121 LK Pet Coke Mill Process																				
EQT 91	122 T.M. 5 Pulper Exhaust Stack																				
EQT 92	72 Recovery Furnace No. 1				1		1								1						
EQT 93	73 Recovery Furnace No. 2				1		1								1						
EQT 94	7 Smelt Tank Scrubber No. 1														1			1			
EQT 95	8 Smelt Tank Scrubber No. 2 -A														1			1			
EQT 96	9 Smelt Tank Scrubber No. 2 -B														1			1			
EQT 97	10 Lime Kiln No. 1/ Scrubber						1						1		1			1	1		
EQT 98	11 Lime Kiln No. 2/ Scrubber						1						1		1			1	1		
EQT 99	5 Combination Boiler No. 1				1								1					1	2		
EQT 100	27 Power Boiler No. 5																				
EQT 101	34 Bleach Plant 3 Scrubber												1								
EQT 102	37 Bleach Plant 1 Scrubber												1								
EQT 103	38 Bleach Plant 2 Scrubber												1								

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Zachary, East Baton Rouge Parish, Louisiana

X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

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		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 104	39 Methanol Storage Tank																				
EQT 105	42 Paper Machine 3 Saveall																				
EQT 106	43 P. Mach. 3 White Water Chest																				
EQT 107	44 Paper Machine 4 Saveall																				
EQT 108	47 Slakers/Causticizers Combin.																				
EQT 109	130 No. 6 CFB Boiler				1											1		1	1		2
EQT 110	132 PC/Coal Truck Unloading							1													
EQT 114	137A No.1 PC/Coal Day Bin							1											1		
EQT 115	137B No.2 PC/Coal Day Bin							1											1		
EQT 116	140 Limestone Truck Unloading																				
EQT 119	145 LS Day Bin Baghouse																1		1		
EQT 121	147 No. 1 Ash Silo Baghouse																		1		
EQT 122	148 No. 2 Ash Silo Baghouse																		1		
EQT 123	149 Process Cooling Tower																				

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X. Table 1. Applicable Louisiana and Federal Air Quality Requirements

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		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 125	153 Ash Hydration																				
EQT 126	154 Wet Strength Storage Tank B																				
EQT 127	155 No. 1 Bleach Plant E Stage																				
EQT 128	156 No. 2 Bleach Plant E Stage																				
EQT 129	157 No. 3 Bleach Plant E Stage																				
EQT 130	158 Sulfuric Acid Tank 1												2								
EQT 131	159 Sulfuric Acid Tank 2												2								
EQT 132	160 No 5 TM Conveying Scrubber																				
EQT 133	161 No 6 Boiler Startup/Shutdown																	1			
EQT 134	162 LK Raw Pet Coke Bin																		1		
EQT 135	163 LK Ground Pet Coke Bin																		1		
EQT 136	165 No. 6 Boiler Ammonia Tank																				
EQT 137	LVHC System												1								
EQT 138	HVLC System												1								

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		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
EQT 139	PULP Pulping Condensates												1								
EQT 140	166 Pet Coke Conveying System							1													
EQT 141	169 Boiler Ash Filter Sep. Vent																				
EQT 142	170 No. 6 CFB Biomass Fuel Hndl.																				
EQT 143	168 Pet Coke/Limestone Baghouse							1									1		1		
EQT 144	167 Limestone Conveying System																1				
FUG 1	66 Paved and Unpaved Roads																	1			
FUG 2	90 Lime Kiln Fugitives																				
FUG 3	99 Hardwood Handling Fugitives																	1			
FUG 4	100 Softwood Handling Fugitives																	1			
FUG 5	101 Bark Pile Fugitives																	1			
FUG 6	113 TM No. 6 Fugitives																	1			
FUG 7	114 TM No. 6 Converting Fugitives													1							
FUG 8	131 PC/Coal Storage Pile Fugitives																				

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		K	Kb	D	Db	Dc	BB	Y	A	M	V	A	S	KK	MM	DDDDD	OOO	52	64	68	72
FUG 9	133 PC/Coal Dump Pit Fugitives																				
FUG 10	139 LS Storage Pile Fugitives																				
FUG 11	141 LS Railcar Dump Pit Fugitives																				
FUG 12	151 Fly Ash Loading Fugitives																				
FUG 13	152 Bottom Ash Loading Fugitives																				

KEY TO MATRIX

1 - The regulations have applicable requirements that apply to this particular emission source.
- The emission source may have an exemption from control stated in the regulation. The emission source may not have to be controlled but may have monitoring, recordkeeping, or reporting requirements.

2 - The regulations have applicable requirements that apply to this particular emission source but the source is currently exempt from these requirements due to meeting a specific criterion, such as it has not been constructed, modified or reconstructed since the regulations have been in place. If the specific criteria changes the source will have to comply at a future date.

3 - The regulations apply to this general type of emission source (i.e. vents, furnaces, towers, and fugitives) but do not apply to this particular emission source.

Blank – The regulations clearly do not apply to this type of emission source.

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Zachary, East Baton Rouge Parish, Louisiana

XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
AI 2617 Facility-Wide	Emission Standards for Particulate Matter LAC 33:III.Chapter 13	Exempt per LAC 33:III.1301.B. Does not apply to the wood pulping industry.
	Waste Gas Disposal LAC 33:III.2115	Does Not Apply. Meets exemption 2115.H.1.d
5 - Combination Boiler No. 1 (Receives HVLC vents)	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Limit SO_2 emissions to $\leq$ 2000 ppmv Subsumed by BACT
	Control of Emissions of Nitrogen Oxides (NOx) LAC 33:III.2201.C.16	Wood-fired boilers that are subject to 40 CFR 60, Subpart Db are exempt from the provisions of this regulation.
	Chemical Wood Pulping Industry LAC 33:III.2301.D.1.d	Maintain PM $\leq$ 0.6 lb/MM BTU heat input Subsumed by BACT
7, 8, 9 Smelt Dissolving Tanks	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity $\leq$ 20% Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(ii). Violations shall be determined according to 63.864(k)(2)(iii).
	Chemical Wood Pulping Industry LAC 33:III.2301.D.2	Limit SO_2 emissions to $\leq$ 2000 ppmv Subsumed by BACT
10- Lime Kiln No. 1 (Receives LVHC vents)	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
	Chemical Wood Pulping Industry LAC 33:III.2301	2301.D.1.c, Maintain PM $\leq$ 1.0 lb per eq. pulp ton 2301.D.3.d, TRS $\leq$ 20 ppmv @ 10% O_2, Subsumed by BACT

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
10- Lime Kiln No. 1 (Receives LVHC vents	NSPS Subpart BB 40 CFR 60.282(a)(3), 283(a)(5), 284(a)(42)	Shall maintain PM $\leq$ 0.067 gr/dscf while burning gaseous fossil fuel and 0.13 gr/dscf when liquid fossil fuel is burned. TRS $\leq$ 8 ppmvd @ 10% O_2, with allowance for excess emissions in a quarter up to 1% of time PM and TRS limits subsumed by BACT
	NESHAP for pulp and paper industry 40 CFR 63.860(b)(1) Subpart MM	Comply with 63.862(1)(i)(C). Existing kraft lime kiln must not exceed a PM concentration in exhaust gases > 0.064 g/dscf (corrected to 10% O_2) to the atmosphere. PM limit subsumed by BACT. Comply with corrective action requirements of 63.864(k)(1)(ii). Violations shall be determined according to 63.864(k)(2)(iii).
	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity $\leq$ 20% Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(i). Violations shall be determined according to 63.864(k)(2)(ii).
11 - Lime Kiln No. 2 (Receives LVHC vents)	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
11 - Lime Kiln No. 2 (Receives LVHC vents)	Chemical Wood Pulping Industry LAC 33:III.2301	2301.D.1.c, Maintain PM $\leq$ 1.0 lb per eq. pulp ton 2301.D.3.d, TRS $\leq$ 20 ppmv @ 10% O_2, Subsumed by BACT
	NSPS Subpart BB 40 CFR 60.282(a)(3), 283(a)(5), 284(a)(42)	Shall maintain PM $\leq$ 0.067 gr/dscf while burning gaseous fossil fuel and 0.13 gr/dscf when liquid fossil fuel is burned. TRS $\leq$ 8 ppmvd @ 10% O_2, with allowance for excess emissions in a quarter up to 1% of time PM subsumed by MM; TRS limits subsumed by BACT
	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity $\leq$ 20% Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(i). Violations shall be determined according to 63.864(k)(2)(ii).
27 - Power Boiler No. 5 (Receive HVLC vents)	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per 1503.C
	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity $\leq$ 20% Subsumed by 40 CFR 60 Subpart D

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
27 - Power Boiler No. 5 (Receive HVLC vents)	NSPS Subparts D for boilers 40 CFR 60.42(a), 60.44(a)(1)	Maintain $NO_X \leq 0.20$ lbs/MM BTU, Subsumed by BACT Maintain opacity $\leq 20\%$ PM ≤ 0.10 lbs/MM BTU
39 - Methanol Storage Tank	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	MACT is not required for methanol (Class III TAP)
40-WWT System 42-45 Paper Machines 47- Slakers/Causticizers 49- Batch Digester Fill	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	Exempt. MACT is not required until permitting authority makes a final determination of MACT for this equipment per LAC 33:III.5105.B.8
48A, 48B Heavy Black Liquor Storage	Storage of VOC LAC 33:III.2103	Does not apply Vapor Pressure < 1.5 psia
50A, 50B, 50C, 50D, 50E, 50F, 52, 55A, 55B, 55C, 56A, 56B, 56C, 61, 74, 75, 79A, 79B, 79C, 79D, 82, 83, 84, 85A, 85B, 86, 87, 88A, 88B, 89, 154	Storage of VOC LAC 33:III.2103	Does not apply Vapor Pressure < 1.5 psia
	NSPS Subpart Kb for VOL tanks 40 CFR Part 60.110b	Does not apply. Does not meet the definition of a storage vessel because this source is a process tank.
63 - Gasoline Tank	NSPS Subparts K, Ka, Kb for VOL tanks 40 CFR Part 60	Do not apply Volume < 10,500 gallons
67A, 67B, 103-Landfills 68,69,70-Dryer Hood, Vacuum Pump, Scrubber	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	Exempt. MACT is not required until permitting authority makes a final determination of MACT for this equipment per LAC 33:III.5105.B.8

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
72, 73 - Recovery Furnaces No. 1 & 2	Control of Emission of Smoke LAC 33:III.1101.B	Maintain opacity ≤ 20% Subsumed by 40 CFR 63 Subpart MM. Comply with corrective action requirements of 63.864(k)(1)(i). Violations shall be determined according to 63.864(k)(2)(ii).
	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Limit SO_2 from the stack gas to ≤ 2000 ppmv Subsumed by BACT
	Chemical Wood Pulping Industry LAC 33:III.2301	Maintain PM_{10} ≤ 4.0 lbs per eq. pulp ton and TRS ≤ 5 ppmv @ 8% O_2. Subsumed by BACT Maintain opacity ≤ 40%. Subsumed by NSPS Subpart BB
93 and 94 Knotters	NESHAP Subpart S 40 CFR 63.440	Exempt per 40 CFR 63.443(a)(1)(ii).
	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	Exempt. MACT is not required until permitting authority makes a final determination of MACT for this equipment per LAC 33:III.5105.B.8
80,81-Paper Machines 105,110,113-Vacuum Pump, Converting Pulp, Fugitives	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	Exempt. MACT is not required until permitting authority makes a final determination of MACT for this equipment per LAC 33:III.5105.B.8
106, 107, & 68 TAD TM No. 6 Exhausts and TM No. 5 Dryer Hood	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
108, TM No. 6 Mist Elimination System	Emission Standards for Particulate Matter LAC 33:III.1301	Does not apply per LAC 33:III.1301.B
108, TM No. 6 Mist Elimination System	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	MACT is not required until permitting authority makes a final determination of MACT for this equipment per LAC 33:III.5105.B.8
109, TM No. 6 Dust Collection System	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	MACT is not required until permitting authority makes a final determination of MACT for this equipment per LAC 33:III.5105.B.8
111 No 6TM Yankee Aircap Exhaust	Emission Standards for Sulfur Dioxide LAC 33:III.1503	Exempt per LAC 33:III.1503.C
114 Converting Equipment Fugitives	Controlling Emissions from Printing Processes 40 CFR 63 Subpart KK 63.824(b)(2), 63.829(e)(2), and 63.830(b)(1)	Subject only to recordkeeping. Applies less than 400 kg/month of organic HAP.
117 - Wet Strength Storage Tank	Storage of VOC LAC 33:III.2103	Does not apply Vapor Pressure < 1.5 psia
130 No. 6 CFB Combination Boiler	Acid Rain Program Permitting [LAC 33.III.505] [40CFRParts 72]	Exempt pursuant to LAC 505.A2.e.ii.. Not an affected unit subject to the Acid Rain Program; Supplies less than one-third potential output to any utility distribution system
	Control of Emission of Smoke [LAC 33:III.1101]	Emission of smoke shall be controlled so that shade is not darker than 20 percent opacity, except for one 6-minute period in any 60 consecutive minutes. Subsumed by 40 CFR Subpart DDDDD.

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XI. Table 2. Explanation for Exemption Status or Non-Applicability of a Source

ID No:	Requirement	Notes
No. 6 CFB Combination Boiler	Emission Standards for Sulfur Dioxide [LAC 33:III.1503.C]	SO_2 concentration not to exceed 2,000 ppmv on average in stack gas over 3-hour period. Subsumed by 40 CFR 60 Subpart Db.
	Comprehensive Toxic Air Pollutant Emission Control Program [LAC 33:III.5109]	EXEMPT. Emissions from the combustion of virgin fossil fuels and wood residue fuels are exempt from MACT.
	Control of Emissions of NO_x [LAC 33:III.2201.C.15]	EXEMPT. Source is a wood-fired boiler subject to 40 CFR 60 Subpart Db.
149- Process Cooling Tower	National Emission Standards for Hazardous Air Pollutants for Industrial Process Cooling Towers [40 CFR 63, Subpart Q]	DOES NOT APPLY. The new cooling tower will not use chromium-based water treatment chemicals.
158, 159 Sulfuric Acid Tank 1, Sulfuric Acid Tank 2	Storage of Volatile Organic Compounds LAC 33:III.2103	DOES NOT APPLY. Tank does not store VOCs.
	NSPS Subpart Kb for VOL tanks 40 CFR Part 60.110b	DOES NOT APPLY. Tank does not store VOL.
	Comprehensive TAP Emission Control Program, LAC 33:III.5109 - State Only	MACT is not required for Sulfuric Acid (Class III TAP). Shall comply with Ambient Air Standard.
	NESHAP Subpart S 40 CFR 63.440	EXEMPT. Source emits no HAPs.

The above table provides explanation for both the exemption status or non-applicability of a source cited by 1, 2 or 3 in the matrix presented in Section X (Table 1) of this permit.

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A. The term of this permit shall be five (5) years from date of issuance. An application for a renewal of this 40 CFR Part 70 permit shall be submitted to the administrative authority no later than six months prior to the permit expiration date. Should a complete permit application not be submitted six months prior to the permit expiration date, a facility's right to operate is terminated pursuant to 40 CFR Section 70.7(c)(ii). Operation may continue under the conditions of this permit during the period of the review of the application for renewal. [LAC 33:III.507.E.1, E.3, E.4, reference 40 CFR 70.6(a)(2)]

B. The conditions of this permit are severable; and if any provision of this permit or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby. [Reference 40 CFR 70.6(a)(5)]

C. Permittee shall comply with all conditions of the 40 CFR Part 70 permit. Any permit noncompliance constitutes a violation of the Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. This permit may be modified, revoked, reopened and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. [LAC 33:III.507.B.2, reference 40 CFR 70.6(a)(6)(i) & (iii)]

D. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [Reference 40 CFR 70.6(a)(6)(ii)]

E. This permit does not convey any property rights of any sort, or an exclusive privilege. [Reference 40 CFR 70.6(a)(6)(iv)]

F. The permittee shall furnish to the permitting authority, within a reasonable time, any information that the permitting authority may request in writing to determine whether cause exists for modifying, revoking, and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee shall also furnish to the permitting authority copies of records required to be kept by the permit or, for information claimed to be confidential, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality. A claim of confidentiality does not relieve the permittee of the requirement to provide the information. [LAC 33:III.507.B.2, 517.F, reference 40 CFR 70.6(a)(6)(v)]

G. Permittee shall pay fees in accordance with LAC 33:III.Chapter 2 and 40 CFR Section 70.6(a)(7). [LAC 33:III.501.C.2, reference 40 CFR 70.6(a)(7)]

H. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the permitting authority or authorized representative to perform the following:

1. enter upon the permittee's premises where a 40 CFR Part 70 source is located or emission-related activity is conducted, or where records must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(i)];

2. have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(ii)];

3. inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iii)]; and

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4. as authorized by the Clean Air Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit or applicable requirements. [LAC 33:III.507.H.2, reference 40 CFR 70.6(c)(2)(iv)]

I. All required monitoring data and supporting information shall be kept available for inspection at the facility or alternate location approved by the agency for a period of at least five (5) years from the date of the monitoring sample, measurement, report, or application. Supporting information includes calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and all reports required by the permit.
[Reference 40 CFR 70.6(a)(3)(ii)(B)]

J. Records of required monitoring shall include the following:

1. the date, place as defined in the permit, and time of sampling or measurements;
2. the date(s) analyses were performed;
3. the company or entity that performed the analyses;
4. the analytical techniques or methods used;
5. the results of such analyses; and
6. the operating conditions as existing at the time of sampling or measurement.

[Reference 40 CFR 70.6(a)(3)(ii)(A)]

K. Permittee shall submit at least semiannually, reports of any required monitoring, clearly identifying all instances of deviations from permitted monitoring requirements, certified by a responsible company official. For previously reported deviations, in lieu of attaching the individual deviation reports, the semiannual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The semiannual reports shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding period encompassing July through December and September 30 for the preceding period encompassing January through June. Any quarterly deviation report required to be submitted by March 31 or September 30 in accordance with Part 70 General Condition R may be consolidated with the semi-annual reports required by this general condition as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [LAC 33:III.507.H, reference 40 CFR 70.6(a)(3)(iii)(A)]

L. The permittee shall submit at least semiannual reports on the status of compliance pursuant to 40 CFR Section 70.5 (c) (8) and a progress report on any applicable schedule of compliance pursuant to 40 CFR Section 70.6 (c) (4). [LAC 33:III.507.H.1, reference 40 CFR 70.6(c)(4)]

M. Compliance certifications per LAC 33:III.507.H.5 shall be submitted to the Administrator as well as the permitting authority. For previously reported compliance deviations, in lieu of attaching the individual deviation reports, the annual report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The compliance certifications shall be submitted to the Office of Environmental Compliance, Enforcement Division by March 31 for the preceding calendar year. [LAC 33:III.507.H.5, reference 40 CFR 70.6(c)(5)(iv)]

N. If the permittee seeks to reserve a claim of an affirmative defense as provided in LAC 33:III.507.J.2, the permittee shall, in addition to any emergency or upset provisions in any applicable regulation, notify the permitting authority within 2 working days of the time when emission limitations were exceeded due to the occurrence of an upset. In the event of an upset, as defined under LAC 33:III.507.J, which results in excess emissions, the permittee shall demonstrate through properly signed, contemporaneous operating logs, or other relevant evidence that: 1) an

emergency occurred and the cause was identified; 2) the permitted facility was being operated properly at the time; and 3) during the emergency the permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standard or requirement of the permit. [LAC 33:III.507.J.2, reference 40 CFR 70.6(g)(3)(iv) & (i-iii)]

O. Permittee shall maintain emissions at a level less than or equal to that provided for under the allowances that the 40 CFR Part 70 source lawfully holds under Title IV of the Clean Air Act or the regulations promulgated thereunder. No permit revision shall be required for increases in emissions that are authorized by allowances acquired pursuant to the acid rain program, provided that such increases do not require a permit revision under any other applicable requirement. No limit shall be placed on the number of allowances held by the source. The source may not, however, use allowances as a defense to noncompliance with any other applicable requirement. Any such allowance shall be accounted for according to the procedures established in regulations promulgated under Title IV of the Clean Air Act. [Reference 40 CFR 70.6(a)(4)]

P. Any permit issued pursuant to 40 CFR Part 70 may be subject to reopening prior to the expiration of the permit for any of the conditions specified in 40 CFR Section 70.7(f) or LAC 33:III.529. [LAC 33:III.529.A-B, reference 40 CFR 70.7(f)]

Q. Permittee may request an administrative amendment to the permit to incorporate test results from compliance testing if the following criteria are met:

1. the changes are a result of tests performed upon start-up of newly constructed, installed, or modified equipment or operations;

2. increases in permitted emissions will not exceed five tons per year for any regulated pollutant;

3. increases in permitted emissions of Louisiana toxic air pollutants or of federal hazardous air pollutants would not constitute a modification under LAC 33:III. Chapter 51 or under Section 112 (g) of the Clean Air Act;

4. changes in emissions would not require new source review for prevention of significant deterioration or nonattainment and would not trigger the applicability of any federally applicable requirement;

5. changes in emissions would not qualify as a significant modification; and

6. the request is submitted no later than 12 months after commencing operation. [LAC 33:III.523.A, reference 40 CFR 70.7(d)]

R. Permittee shall submit prompt reports of all permit deviations as specified below to the Office of Environmental Compliance, Enforcement Division. All such reports shall be certified by a responsible official in accordance with 40 CFR 70.5(d).

1. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

2. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

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3. A written report shall be submitted quarterly to address all permit deviations not included in paragraphs 1 or 2 above. Unless required by an applicable reporting requirement, a written report is not required during periods in which there is no deviation. The quarterly deviation reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by Part 70 General Condition K as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. For previously reported permit deviations, in lieu of attaching the individual deviation reports, the quarterly report may clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any permit deviations occurring during the corresponding specified calendar quarter:

   a. Report by June 30 to cover January through March
   b. Report by September 30 to cover April through June
   c. Report by December 31 to cover July through September
   d. Report by March 31 to cover October through December

4. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided such reports are certified in accordance with 40 CFR 70.5(d) and contain all information relevant to the permit deviation. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107. [Reference 40 CFR 70.6(a)(3)(iii)(B)]

S. Permittee shall continue to comply with applicable requirements on a timely basis, and will meet on a timely basis applicable requirements that become effective during the permit term. [Reference 40 CFR 70.5(c)(8)(iii)]

T. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B:

1. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156;

2. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158;

3. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161;

4. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with recordkeeping requirements pursuant to 40 CFR 82.166. ("MVAC-like appliance" as defined at 40 CFR 82.152);

5. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to 40 CFR 82.156; and

6. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR 82.166. [Reference 40 CFR 82, Subpart F]

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U. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners.

The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. [Reference 40 CFR 82, Subpart B]

V. Data availability for continuous monitoring or monitoring to collect data at specific intervals: Except for monitoring malfunctions, associated repairs, and required quality assurance or control activities (including calibration checks and required zero and span adjustments), the permittee shall conduct all monitoring in continuous operation (or shall collect data at all required intervals) at all times that the emissions unit is operating. For purposes of reporting monitoring deviations under Part 70 General Conditions K and R, and unless otherwise provided for in the Specific Requirements (or Table 3) of this permit, the minimum degree of data availability shall be at least 90% (based on a monthly average) of the operating time of the emissions unit or activity being monitored. This condition does not apply to Leak Detection and Repair (LDAR) programs for fugitive emissions (e.g., 40 CFR 60 Subpart VV, 40 CFR 63 Subpart H).

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I. This permit is issued on the basis of the emissions reported in the application for approval of emissions and in no way guarantees that the design scheme presented will be capable of controlling the emissions to the type and quantities stated. Failure to install, properly operate and/or maintain all proposed control measures and/or equipment as specified in the application and supplemental information shall be considered a violation of the permit and LAC 33:III.501. If the emissions are determined to be greater than those allowed by the permit (e.g. during the shakedown period for new or modified equipment) or if proposed control measures and/or equipment are not installed or do not perform according to design efficiency, an application to modify the permit must be submitted. All terms and conditions of this permit shall remain in effect unless and until revised by the permitting authority.

II. The permittee is subject to all applicable provisions of the Louisiana Air Quality Regulations. Violation of the terms and conditions of the permit constitutes a violation of these regulations.

III. The Emission Rates for Criteria Pollutants, Emission Rates for TAP/HAP & Other Pollutants, and Specific Requirements sections or, where included, Emission Inventory Questionnaire sheets establish the emission limitations and are a part of the permit. Any operating limitations are noted in the Specific Requirements or, where included, Tables 2 and 3 of the permit. The synopsis is based on the application and Emission Inventory Questionnaire dated April 13, 2006, along with supplemental information dated December 1, 2006 and January 12, 2007.

IV. This permit shall become invalid, for the sources not constructed, if:

A. Construction is not commenced, or binding agreements or contractual obligations to undertake a program of construction of the project are not entered into, within two (2) years (18 months for PSD permits) after issuance of this permit, or;

B. If construction is discontinued for a period of two (2) years (18 months for PSD permits) or more.

The administrative authority may extend this time period upon a satisfactory showing that an extension is justified.

This provision does not apply to the time period between construction of the approved phases of a phased construction project. However, each phase must commence construction within two (2) years (18 months for PSD permits) of its projected and approved commencement date.

V. The permittee shall submit semiannual reports of progress outlining the status of construction, noting any design changes, modifications or alterations in the construction schedule which have or may have an effect on the emission rates or ambient air quality levels. These reports shall continue to be submitted until such time as construction is certified as being complete. Furthermore, for any significant change in the design, prior approval shall be obtained from the Office of Environmental Services, Air Permits Division.

VI. The permittee shall notify the Department of Environmental Quality, Office of Environmental Services, Air Permits Division within ten (10) calendar days from the date that construction is certified as complete and the estimated date of start-up of operation. The appropriate Regional Office shall also be so notified within the same time frame.

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VII. Any emissions testing performed for purposes of demonstrating compliance with the limitations set forth in paragraph III shall be conducted in accordance with the methods described in the Specific Conditions and, where included, Tables 1, 2, 3, 4, and 5 of this permit. Any deviation from or modification of the methods used for testing shall have prior approval from the Office of Environmental Assessment, Air Quality Assessment Division.

VIII. The emission testing described in paragraph VII above, or established in the specific conditions of this permit, shall be conducted within sixty (60) days after achieving normal production rate or after the end of the shakedown period, but in no event later than 180 days after initial start-up (or restart-up after modification). The Office of Environmental Assessment, Air Quality Assessment Division shall be notified at least (30) days prior to testing and shall be given the opportunity to conduct a pretest meeting and observe the emission testing. The test results shall be submitted to the Air Quality Assessment Division within sixty (60) days after the complete testing. As required by LAC 33:III.913, the permittee shall provide necessary sampling ports in stacks or ducts and such other safe and proper sampling and testing facilities for proper determination of the emission limits.

IX. The permittee shall, within 180 days after start-up and shakedown of each project or unit, report to the Office of Environmental Compliance, Enforcement Division any significant difference in operating emission rates as compared to those limitations specified in paragraph III. This report shall also include, but not be limited to, malfunctions and upsets. A permit modification shall be submitted, if necessary, as required in Condition I.

X. The permittee shall retain records of all information resulting from monitoring activities and information indicating operating parameters as specified in the specific conditions of this permit for a minimum of at least five (5) years.

XI. If for any reason the permittee does not comply with, or will not be able to comply with, the emission limitations specified in this permit, the permittee shall provide the Office of Environmental Compliance, Enforcement Division with a written report as specified below.

A. A written report shall be submitted within 7 days of any emission in excess of permit requirements by an amount greater than the Reportable Quantity established for that pollutant in LAC 33.I.Chapter 39.

B. A written report shall be submitted within 7 days of the initial occurrence of any emission in excess of permit requirements, regardless of the amount, where such emission occurs over a period of seven days or longer.

C. A written report shall be submitted quarterly to address all emission limitation exceedances not included in paragraphs A or B above. The schedule for submittal of quarterly reports shall be no later than the dates specified below for any emission limitation exceedances occurring during the corresponding specified calendar quarter:

1. Report by June 30 to cover January through March
2. Report by September 30 to cover April through June
3. Report by December 31 to cover July through September
4. Report by March 31 to cover October through December

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

D. Each report submitted in accordance with this condition shall contain the following information:

1. Description of noncomplying emission(s);
2. Cause of noncompliance;
3. Anticipated time the noncompliance is expected to continue, or if corrected, the duration of the period of noncompliance;
4. Steps taken by the permittee to reduce and eliminate the noncomplying emissions; and
5. Steps taken by the permittee to prevent recurrences of the noncomplying emissions.

E. Any written report submitted in advance of the timeframes specified above, in accordance with an applicable regulation, may serve to meet the reporting requirements of this condition provided all information specified above is included. For Part 70 sources, reports submitted in accordance with Part 70 General Condition R shall serve to meet the requirements of this condition provided all specified information is included. Reporting under this condition does not relieve the permittee from the reporting requirements of any applicable regulation, including LAC 33.I.Chapter 39, LAC 33.III.Chapter 9, and LAC 33.III.5107.

XII. Permittee shall allow the authorized officers and employees of the Department of Environmental Quality, at all reasonable times and upon presentation of identification, to:

A. Enter upon the permittee's premises where regulated facilities are located, regulated activities are conducted or where records required under this permit are kept;

B. Have access to and copy any records that are required to be kept under the terms and conditions of this permit, the Louisiana Air Quality Regulations, or the Act;

C. Inspect any facilities, equipment (including monitoring methods and an operation and maintenance inspection), or operations regulated under this permit; and

D. Sample or monitor, for the purpose of assuring compliance with this permit or as otherwise authorized by the Act or regulations adopted thereunder, any substances or parameters at any location.

XIII. If samples are taken under Section XII.D. above, the officer or employee obtaining such samples shall give the owner, operator or agent in charge a receipt describing the sample obtained. If requested prior to leaving the premises, a portion of each sample equal in volume or weight to the portion retained shall be given to the owner, operator or agent in charge. If an analysis is made of such samples, a copy of the analysis shall be furnished promptly to the owner, operator or agency in charge.

XIV. The permittee shall allow authorized officers and employees of the Department of Environmental Quality, upon presentation of identification, to enter upon the permittee's premises to investigate potential or alleged violations of the Act or the rules and regulations adopted thereunder. In such investigations, the permittee shall be notified at the time entrance is requested of the nature of the suspected violation. Inspections under this subsection shall be limited to the aspects of alleged violations. However, this shall not in any way preclude prosecution of all violations found.

LOUISIANA AIR EMISSION PERMIT
GENERAL CONDITIONS

XV. The permittee shall comply with the reporting requirements specified under LAC 33:III.919 as well as notification requirements specified under LAC 33:III.927.

XVI. In the event of any change in ownership of the source described in this permit, the permittee and the succeeding owner shall notify the Office of Environmental Services, Air Permits Division, within ninety (90) days after the event, to amend this permit.

XVII. Very small emissions to the air resulting from routine operations, that are predictable, expected, periodic, and quantifiable and that are submitted by the permitted facility and approved by the Air Permits Division are considered authorized discharges. Approved activities are noted in the General Condition XVII Activities List of this permit. To be approved as an authorized discharge, these very small releases must:

1. Generally be less than 5 TPY
2. Be less than the minimum emission rate (MER)
3. Be scheduled daily, weekly, monthly, etc., or
4. Be necessary prior to plant startup or after shutdown [line or compressor pressuring/depressuring for example]

These releases are not included in the permit totals because they are small and will have an insignificant impact on air quality. This general condition does not authorize the maintenance of a nuisance, or a danger to public health and safety. The permitted facility must comply with all applicable requirements, including release reporting under LAC 33:I.3901.

XVIII. Provisions of this permit may be appealed in writing pursuant to La. R.S. 30:2024(A) within 30 days from receipt of the permit. Only those provisions specifically appealed will be suspended by a request for hearing, unless the secretary or the assistant secretary elects to suspend other provisions as well. Construction cannot proceed except as specifically approved by the secretary or assistant secretary. A request for hearing must be sent to the following:

Attention: Office of the Secretary, Legal Services Division
La. Dept. of Environmental Quality
Post Office Box 4302
Baton Rouge, Louisiana 70821-4302

XIX. Certain Part 70 general conditions may duplicate or conflict with state general conditions. To the extent that any Part 70 conditions conflict with state general conditions, then the Part 70 general conditions control. To the extent that any Part 70 general conditions duplicate any state general conditions, then such state and Part 70 provisions will be enforced as if there is only one condition rather than two conditions.

General Information

AI ID: 2617 Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Also Known As:

ID	Name	User Group	Start Date
0840-00010	Georgia Pacific Corp - Port Hudson Operations	CDS Number	08-05-2002
0840-0010	Georgia Pacific Corp - Port Hudson Operations	Emission Inventory	03-03-2004
93-0432081	Federal Tax Identification Number	Federal Tax ID	11-21-1999
93-0432081	Georgia Pacific Corp	Federal Tax ID	11-21-1999
930432081	Federal Tax Id	Federal Tax ID	11-20-1999
LAD062643853	Georgia Pacific Corp Port Hudson	Hazardous Waste Notification	08-18-1980
LA0005258	WPC File Number	LPDES Permit #	06-25-2003
LAR05M630	WPC File Number	LPDES Permit #	05-22-2003
LAR10C171	LPDES Permit #	LPDES Permit #	08-08-2004
WP1235	WPC State Permit Number	LWDPS Permit #	06-25-2003
	Priority 1 Emergency Site	Priority 1 Emergency Site	07-18-2006
LA-2162-L01	Radioactive Material License	Radiation License Number	02-01-2001
LA-450A-N01	Norm	Radiation License Number	09-21-2005
7557	X-Ray Registration Number	Radiation X-ray Registration Number	11-21-1999
GD-033-0311	Georgia-Pacific Corp	Solid Waste	01-08-2002
GD-033-0311	Georgia-Pacific	Solid Waste	01-08-2002
GD-033-0311	Site ID #	Solid Waste Facility No.	04-30-2001
11546	Ga Pac-Prt Hudsn Mil	TEMPO Merge	09-09-2001
36658	Georgia Pacific Corp	TEMPO Merge	05-29-2001
38778	Georgia Pacific Corp - Port Hudson Operations	TEMPO Merge	06-20-2001
41614	Georgia Pacific Corp	TEMPO Merge	12-05-2000
0840-0010	Toxic Emissions Data Inventory #	Toxic Emissions Data Inventory #	01-01-1991
70791GRGPCZACHA	TRI #	Toxic Release Inventory	07-13-2004
1379	UST Case History Case Number	Underground Storage Tanks	11-21-1999
17004457	UST Facility ID (from UST legacy data)	Underground Storage Tanks	10-11-2002
461	UST Case History Case Number	Underground Storage Tanks	11-21-1999
63	UST Case History Case Number	Underground Storage Tanks	11-21-1999
6009088-003-w	Tax Exempt No	Water Permitting	11-20-1999

Physical Location: 1000 W Mount Pleasant Rd
Zachary, LA 70791

Main FAX: 2256541803
Main Phone: 2256541700

Mailing Address: PO Box 430
Zachary, LA 707910000

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General Information

AI ID: 2617 Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Location of Front Gate: 30° 38' 59" 10 hundredths latitude, 91° 16' 40" 31 hundredths longitude, Coordinate Method: GPS Code (Psuedo Range) Differential, Coordinate Datum: NAD83

Related People:

Name	Mailing Address	Phone (Type)	Relationship
Ronnie Albritton	PO Box 430 Zachary, LA 70791		Radiation Contact For
Ronnie Albritton	PO Box 430 Zachary, LA 70791		Solid Waste Billing Party for
Ronnie Albritton	PO Box 430 Zachary, LA 70791		Accident Prevention Billing Party for
Ronnie Albritton	PO Box 430 Zachary, LA 70791		Water Billing Party for
Bob Brown		5046541700 (WP)	Employed by
Timothy Crawford	PO Box 430 Zachary, LA 70791	2256541700 (WP)	Employed by
Michael Franklin		(504) 654-1700 (WP	Underground Storage Tank Contact for
Joey Hebert	PO Box 430 Zachary, LA 70791	2256541400-585599	Employed by
Joey Hebert	PO Box 430 Zachary, LA 70791	5046585510 (WF)	Employed by
Joey Hebert	PO Box 430 Zachary, LA 70791	5046585510 (WF)	Haz. Waste Billing Party for
Joey Hebert	PO Box 430 Zachary, LA 70791	2256541400-585599	Haz. Waste Billing Party for
Stephen Horn	PO Box 430 Zachary, LA 70791	2256541748 (WP)	Responsible Official for
Jerry Kincaid		5046542761 (WP)	Employed by
Ronald Mondulick	PO Box 430 Zachary, LA 70791	2256541700 (WP)	Radiation Safety Officer for
Ronald Mondulick	PO Box 430 Zachary, LA 70791	2256585510 (WF)	Radiation Safety Officer for
Ronald Mondulick	PO Box 430 Zachary, LA 70791	Ronald.mondulick@	Radiation Safety Officer for

Related Organizations:

Name	Address	Phone (Type)	Relationship
Georgia Pacific Corp.	Zachary/Mt. Pleasant Road Zachary, LA 70791	504 654-1700 (WP)	UST Billing Party for
Georgia Pacific Corp.	Zachary/Mt. Pleasant Road Zachary, LA 70791	504 654-1700 (WP)	Owns
Georgia Pacific Corrugated LLC	PO Box 430 Zachary, LA 70791		Air Billing Party for
Georgia Pacific Corrugated LLC	PO Box 430 Zachary, LA 70791		Radiation Registration Billing Party for
Georgia Pacific Corrugated LLC	PO Box 430 Zachary, LA 70791		Radiation License Billing Party for
IT Corp of LA	1150 Leblanc Road Port Allen, LA 70767	5043437622 (WP)	Employed by
IT Corp of LA	1150 Leblanc Road Port Allen, LA 70767	5043433804 (WF)	Employed by

SIC Codes:

2611, Pulp mills
2621, Paper mills
4953, Refuse systems
4961, Steam and air conditioning supply

Note: This report entitled "General Information" contains a summary of facility-level information contained in LDEQ's TEMPO database for this facility and is not considered a part of the permit. Please review the information contained in this document for accuracy and completeness. If any changes are required or if you have questions regarding this document, you may contact Mr. David Ferrand, Environmental Assistance Division, at (225) 219-3247 or email your changes to facupdate@la.gov.

INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
ARE007	67A - North Landfill					8760 hr/yr (All Year)
ARE008	67B - South Landfill					8760 hr/yr (All Year)
ARE009	103 - Landfill No. 3					8760 hr/yr (All Year)
EQT011	40 - Wastewater Treatment System			45 MM gallons/day (anticipated flow)		8760 hr/yr (All Year)
EQT012	45 - Paper Machine No. 4, White Water Chest					8760 hr/yr (All Year)
EQT013	48A - Heavy Black Liquor Tank No. 1 (W)	650600 gallons				8760 hr/yr (All Year)
EQT014	48B - Heavy Black Liquor Tank No. 2 (E)	650600 gallons				8760 hr/yr (All Year)
EQT015	49 - Batch Digester Fill Exhaust					8760 hr/yr (All Year)
EQT016	50A - Bleached High Density Tank No. 1					8760 hr/yr (All Year)
EQT017	50B - Bleached High Density Tank No. 2					8760 hr/yr (All Year)
EQT018	50C - Bleached High Density Tank No. 3					8760 hr/yr (All Year)
EQT019	50D - Bleached High Density Tank No. 4					8760 hr/yr (All Year)
EQT020	50E - Bleached High Density Tank No. 5					8760 hr/yr (All Year)
EQT021	50F - Bleached High Density Tank No. 6					8760 hr/yr (All Year)
EQT022	52 - Lime Mud Precoat Filter					8760 hr/yr (All Year)
EQT023	55A - Weak Black Liquor Tank No. 1	632000 gallons				8760 hr/yr (All Year)
EQT024	55B - Weak Black Liquor Tank No. 2	1.02 million gallons				8760 hr/yr (All Year)
EQT025	55C - Weak Black Liquor Tank No. 3	1.91 million gallons				8760 hr/yr (All Year)
EQT026	56A - Brownstock H.D. Storage Tank No. 1					8760 hr/yr (All Year)
EQT027	56B - Brownstock H.D. Storage Tank No. 2					8760 hr/yr (All Year)
EQT028	56C - Brownstock H.D. Storage Tank No. 3					8760 hr/yr (All Year)
EQT029	61 - Black Liquor Pond					8760 hr/yr (All Year)
EQT030	63 - Gasoline Storage Tank	550 gallons		16500 gallons/yr		8760 hr/yr (All Year)
EQT031	65 - Paper Broke Cyclones					8760 hr/yr (All Year)
EQT032	68 - TM No. 5 Dryer Hood Vent		60 MM BTU/hr	57 MM BTU/hr		8760 hr/yr (All Year)
EQT033	69 - TM No. 5 Vacuum Pump Vent			13.54 tons/hr		8760 hr/yr (All Year)
EQT034	70 - TM No. 5 Wet Scrubber Vent			13.54 tons/hr		8760 hr/yr (All Year)
EQT035	71A - No. 3 & 4 Starch Silo Baghouse					8760 hr/yr (All Year)
EQT036	71B - Wet End Starch Silo Baghouse					8760 hr/yr (All Year)
EQT037	71C - Bentonite Silo Baghouse					8760 hr/yr (All Year)
EQT038	74 - Concentrated Liquor Process Tank No. 1	155210 gallons				8760 hr/yr (All Year)
EQT039	75 - Concentrated Liquor Process Tank No. 2	155210 gallons				8760 hr/yr (All Year)
EQT040	78 - Black Liquor Loading/Unloading		80 Trucks/day	15 Trucks/day		8760 hr/yr (All Year)
EQT041	79A - Caustic/Liquor Tank No. 1	190600 gallons				8760 hr/yr (All Year)
EQT042	79B - Caustic/Liquor Tank No. 2	190600 gallons				8760 hr/yr (All Year)
EQT043	79C - Caustic/Liquor Tank No. 3	122000 gallons				8760 hr/yr (All Year)

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INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT044	79D - Caustic/Liquor Tank No. 4	94000 gallons				8760 hr/yr (All Year)
EQT045	80 - Paper Machine No. 3		1400 dry tons/day	915 dry tons/day		8760 hr/yr (All Year)
EQT046	81 - Paper Machine No. 4		1400 dry tons/day	950 dry tons/day		8760 hr/yr (All Year)
EQT047	82 - Green Liquor Stabilization Tank	275000 gallons				8760 hr/yr (All Year)
EQT048	83 - Green Liquor Clarifier No. 2					8760 hr/yr (All Year)
EQT049	84 - Green Liquor Clarifier No. 4					8760 hr/yr (All Year)
EQT050	85A - White Liquor Clarifier Feed Tank No. 1	18500 gallons				8760 hr/yr (All Year)
EQT051	85B - White Liquor Clarifier Feed Tank No. 2	3000 gallons				8760 hr/yr (All Year)
EQT052	86 - White Liquor Clarifier No. 3					8760 hr/yr (All Year)
EQT053	87 - White Liquor Clarifier No. 4		380 Mgal	380 Mgal		8760 hr/yr (All Year)
EQT054	88A - White Liquor Storage Tank No. 1	476500 gallons				8760 hr/yr (All Year)
EQT055	88B - White Liquor Storage Tank No. 2	476500 gallons				8760 hr/yr (All Year)
EQT056	89 - Weak Wash Storage Tank	472000 gallons				8760 hr/yr (All Year)
EQT057	91 - Lime Silo Baghouse No. 1					8760 hr/yr (All Year)
EQT058	92 - Lime Silo Baghouse No. 2					8760 hr/yr (All Year)
EQT059	93 - Knotter No. 1					8760 hr/yr (All Year)
EQT060	94 - Knotter No. 2					8760 hr/yr (All Year)
EQT061	95 - Batch Chip Silo		992435 tons/yr	992435 tons/yr		8760 hr/yr (All Year)
EQT062	96 - Kamyr Chip Bin		1.43 MM tons/yr	1.43 MM tons/yr		8760 hr/yr (All Year)
EQT063	97A - Hardwood Chip Silo - Kamyr		1.43 MM tons/yr	1.43 MM tons/yr		8760 hr/yr (All Year)
EQT064	97B - Hardwood Chip Silo - ESCO		704994 tons/yr	704994 tons/yr		8760 hr/yr (All Year)
EQT065	98 - ESCO Chip Bin Cyclone		704994 tons/yr	704994 tons/yr		8760 hr/yr (All Year)
EQT066	102A - Power & Utilities Cooling Tower No. 1			16000 gallons/min		8760 hr/yr (All Year)
EQT067	102B - Power & Utilities Cooling Tower No. 2			13100 gallons/min		8760 hr/yr (All Year)
EQT068	102C - Pulp Mill Cooling Tower			14500 gallons/min		8760 hr/yr (All Year)
EQT069	102D - East Converting Cooling Tower			1600 gallons/min		8760 hr/yr (All Year)
EQT070	102E - West Converting Cooling Tower			1660 gallons/min		8760 hr/yr (All Year)
EQT071	102F - New Converting Cooling Tower			1000 gallons/min		8760 hr/yr (All Year)
EQT072	102G - Tissue Converting Cooling Tower No. 1			630 gallons/min		8760 hr/yr (All Year)
EQT073	102H - Tissue Converting Cooling Tower No. 2			630 gallons/min		8760 hr/yr (All Year)
EQT074	102I - Paper Machine No. 3 Vacuum Pump-Cooling Tower			1193 gallons/min		8760 hr/yr (All Year)
EQT075	102J - Paper Machine No. 4 Vacuum Pump-Cooling Tower			1000 gallons/min		8760 hr/yr (All Year)
EQT076	102K - Tissue Machine No. 6 Centrifugal Chiller- Cooling Tower			1800 gallons/min		8760 hr/yr (All Year)
EQT077	102L - Tissue Machine No. 6 Vacuum Pump- Cooling Tower			1200 gallons/min		8760 hr/yr (All Year)
EQT078	102M - Tissue Machine No. 6 Absorption Chiller- Cooling Tower			4400 gallons/min		8760 hr/yr (All Year)
EQT079	105 - Tissue Machine No. 6 Vacuum Pump Exhaust		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)
EQT080	106 - Tissue Machine No. 6 TAD Exhaust 1		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)

INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT081	107 - Tissue Machine No. 6 TAD Exhaust 2		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)
EQT082	108 - Tissue Machine No. 6 Mist Elimination System		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)
EQT083	109- Tissue Machine No. 6 Dust Collection System		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)
EQT084	110 - Tissue Machine No. 6 Converting Pulper Exhaust		30 dry tons/day	30 dry tons/day		8760 hr/yr (All Year)
EQT085	111 - Tissue Machine No. 6 Yankee Aircap Exhaust		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)
EQT086	117 - Wet Strength Storage Tank	25000 gallons		4284 gallons/day		8760 hr/yr (All Year)
EQT087	118 - Broke System Bailer Exhaust					8760 hr/yr (All Year)
EQT088	119 - No. 6 Cut-Size Sheeter Vents					8760 hr/yr (All Year)
EQT089	120 - LK Coke Handling		131 tons/day	96 tons/day		(None Specified)
EQT090	121 - LK Pet Coke Mill Process Vent			4 MM BTU/hr		(None Specified)
EQT091	122 - Tissue Machine No. 5 Pulper Exhaust Stack					8760 hr/yr (All Year)
EQT092	72 - Recovery Furnace No. 1		3.32 MM lbs BLS/day	2.81 MM lbs BLS/day		8760 hr/yr (All Year)
EQT093	73 - Recovery Furnace No. 2		4.6 MM lbs BLS/day	3.96 MM lbs BLS/day		8760 hr/yr (All Year)
EQT094	7 - Smelt Tank Scrubber No. 1		3.32 MM lbs BLS/day	2.81 MM lbs BLS/day		8760 hr/yr (All Year)
EQT095	8 - Smelt Tank Scrubber No. 2, Stack A		2.3 MM lbs BLS/day	1.89 MM lbs BLS/day		8760 hr/yr (All Year)
EQT096	9 - Smelt Tank Scrubber No. 2, Stack B		2.3 MM lbs BLS/day	1.89 MM lbs BLS/day		8760 hr/yr (All Year)
EQT097	10 - Lime Kiln No. 1 / Scrubber		340 Tons lime/day	248 Tons lime/day		8760 hr/yr (All Year)
EQT098	11 - Lime Kiln No. 2 / Scrubber		270 Tons lime/day	196 Tons lime/day		8760 hr/yr (All Year)
EQT099	5 - Combination Boiler No. 1		459.5 MM BTU/hr	768 tons/day		8760 hr/yr (All Year)
EQT100	27 - Power Boiler No. 5		23.22 MM ft^3/day	16.48 MM ft^3/day		8760 hr/yr (All Year)
EQT101	34 - Bleach Plant No. 3 Scrubber Vent		632 dry tons/day	610 dry tons/day		8760 hr/yr (All Year)
EQT102	37 - Bleach Plant No. 1 Scrubber Vent		1024 dry tons/day	870 dry tons/day		8760 hr/yr (All Year)
EQT103	38 - Bleach Plant No. 2 Scrubber Vent		688 dry tons/day	445 dry tons/day		8760 hr/yr (All Year)
EQT104	39 - Methanol Storage Tank	19122 gallons	1.02 MM gallons/yr	1.02 MM gallons/yr		8760 hr/yr (All Year)
EQT105	42 - Paper Machine No. 3, Saveall					8760 hr/yr (All Year)
EQT106	43 - Paper Machine No. 3, White Water Chest					8760 hr/yr (All Year)
EQT107	44 - Paper Machine No. 4, Saveall					8760 hr/yr (All Year)
EQT108	47 - Slakers/Causticizers Combination					8760 hr/yr (All Year)
EQT109	130 - No. 6 CFB Boiler		1446 MM BTU/hr	1205 MM BTU/hr		8760 hr/yr (All Year)
EQT110	132 - PC/Coal Truck Unloading		150 tons/hr	114 tons/hr		8760 hr/yr (All Year)
EQT114	137A - No. 1 PC/Coal Day Bin Baghouse Vent		16.7 tons/hr	16.7 tons/hr		8760 hr/yr (All Year)
EQT115	137B - No. 2 PC/Coal Day Bin Baghouse Vent		16.7 tons/hr	16.7 tons/hr		8760 hr/yr (All Year)
EQT116	140 - Limestone Truck Unloading		150 tons/hr	114 tons/hr		8760 hr/yr (All Year)
EQT119	145 - LS Day Bin Baghouse Vent		25.6 tons/hr	25.6 tons/hr		8760 hr/yr (All Year)
EQT121	147 - No. 1 Ash Silo Baghouse Vent		23 tons/hr	23 tons/hr		8760 hr/yr (All Year)
EQT122	148 - No. 2 Ash Silo Baghouse Vent		6.5 tons/hr	6.5 tons/hr		8760 hr/yr (All Year)
EQT123	149 - Process Cooling Tower		30000 gallons/min	28000 gallons/min		8760 hr/yr (All Year)

INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
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Air - Title V Regular Permit Minor Mod

Subject Item Inventory:

ID	Description	Tank Volume	Max. Operating Rate	Normal Operating Rate	Contents	Operating Time
EQT125	153 - Ash Hydration		11.25 tons/hr	11.25 tons/hr		8760 hr/yr (All Year)
EQT126	154 - Wet Strength Storage Tank B	25000 gallons		4284 gallons/day		8760 hr/yr (All Year)
EQT127	155 - No. 1 Bleach Plant E Stage Vents		1024 dry tons/day	870 dry tons/day		8760 hr/yr (All Year)
EQT128	156 - No. 2 Bleach Plant E Stage Vents		688 dry tons/day	445 dry tons/day		8760 hr/yr (All Year)
EQT129	157 - No. 3 Bleach Plant E Stage Vents		623 dry tons/day	610 dry tons/day		8760 hr/yr (All Year)
EQT130	158 - Sulfuric Acid Tank 1	71557 gallons		3.25 MM gallons/yr		8760 hr/yr (All Year)
EQT131	159 - Sulfuric Acid Tank 2	12707 gallons		50828 gallons/yr		8760 hr/yr (All Year)
EQT132	160 - No. 5 Tissue Machine Conveying System Dust Scrubber					8760 hr/yr (All Year)
EQT133	161 - No. 6 CFB Boiler Startup/Shutdown Emissions					8760 hr/yr (All Year)
EQT134	162 - LK Raw Pet Coke Bin Baghouse		3500 ft^3/min (actual)	3500 ft^3/min (actual)		8760 hr/yr (All Year)
EQT135	163 - LK Ground Pet Coke Bin Baghouse		527 ft^3/min (actual)	527 ft^3/min (actual)		8760 hr/yr (All Year)
EQT136	165 - No. 6 Power Boiler Ammonia Storage Tank	11345 gallons	589940 gallons/yr	589940 gallons/yr		8760 hr/yr (All Year)
EQT137	LVHC - LVHC System					8760 hr/yr (All Year)
EQT138	HVLC - HVLC System					8760 hr/yr (All Year)
EQT139	PULP- Pulping Condensates					8760 hr/yr (All Year)
EQT140	166 - Pet Coke Conveying System		150 tons/hr	114 tons/hr		2694 hr/yr (All Year)
EQT141	169- Boiler Ash Filter Separator Vent		23 tons/hr	23 tons/hr		8760 hr/yr (All Year)
EQT142	170- No. 6 CFB Biomass Fuel Handling		285430 tons/yr	285430 tons/yr		8760 hr/yr (All Year)
EQT143	168 - Pet Coke/Limestone Baghouse Vent		300 tons/hr	228 tons/hr		8760 hr/yr (All Year)
EQT144	167 - Limestone Conveying System		150 tons/hr	114 tons/hr		2002 hr/yr (All Year)
FUG001	66 - Paved and Unpaved Roads					(None Specified)
FUG002	90 - Lime Kiln Fugitives					8760 hr/yr (All Year)
FUG003	99 - Hardwood Handling Fugitives		8572 tons/day	5042 tons/day		8760 hr/yr (All Year)
FUG004	100 - Softwood Handling Fugitives		2719 tons/day	1858 tons/day		8760 hr/yr (All Year)
FUG005	101 - Bark Pile Fugitives		768 tons/day	768 tons/day		8760 hr/yr (All Year)
FUG006	113 - Tissue Machine No. 6 Fugitive Emissions		306 dry tons/day	306 dry tons/day		8760 hr/yr (All Year)
FUG007	114 - Tissue Machine No. 6 Converting Equipment Fugitives		275 dry tons/day	275 dry tons/day		8760 hr/yr (All Year)
FUG008	131 - PC/Coal Storage Pile Fugitives					8760 hr/yr (All Year)
FUG009	133 - PC/Coal Dump Pit Fugitives		114 tons/hr	114 tons/hr		2688 hr/yr (All Year)
FUG010	139 - Limestone Storage Pile Fugitives					8760 hr/yr (All Year)
FUG011	141 - Limestone Railcar Dump Pit Fugitives		114 tons/hr	114 tons/hr		1988 hr/yr (All Year)
FUG012	151 - Fly Ash Loading Fugitives		16 tons/hr	16 tons/hr		8760 hr/yr (All Year)
FUG013	152 - Bottom Ash Loading Fugitives		6.5 tons/hr	6.5 tons/hr		8760 hr/yr (All Year)

INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP003	76 - Recovery Furnace Emission Cap	EQT92 72 - Recovery Furnace No. 1
GRP003	76 - Recovery Furnace Emission Cap	EQT93 73 - Recovery Furnace No. 2
GRP004	77 - Smelt Tank Emission Cap	EQT94 7 - Smelt Tank Scrubber No. 1
GRP004	77 - Smelt Tank Emission Cap	EQT95 8 - Smelt Tank Scrubber No. 2, Stack A
GRP004	77 - Smelt Tank Emission Cap	EQT96 9 - Smelt Tank Scrubber No. 2, Stack B
GRP005	104 - Lime Kiln Emission Cap	EQT97 10 - Lime Kiln No. 1 / Scrubber
GRP005	104 - Lime Kiln Emission Cap	EQT98 11 - Lime Kiln No. 2 / Scrubber
GRP007	123 - Nos. 1 & 2 Bleach Plant Emissions CAP	EQT102 37 - Bleach Plant No. 1 Scrubber Vent
GRP007	123 - Nos. 1 & 2 Bleach Plant Emissions CAP	EQT103 38 - Bleach Plant No. 2 Scrubber Vent
GRP008	124 - Esco and Kamyr Chip Bins Emissions CAP	EQT62 96 - Kamyr Chip Bin
GRP008	124 - Esco and Kamyr Chip Bins Emissions CAP	EQT65 98 - ESCO Chip Bin Cyclone
GRP009	125 - Nos. 1 & 2 Line Knotters Emissions CAP	EQT59 93 - Knotter No. 1
GRP009	125 - Nos. 1 & 2 Line Knotters Emissions CAP	EQT60 94 - Knotter No. 2
GRP010	126 - TM No. 6 VOC Emissions CAP	EQT80 106 - Tissue Machine No. 6 TAD Exhaust 1
GRP010	126 - TM No. 6 VOC Emissions CAP	EQT81 107 - Tissue Machine No. 6 TAD Exhaust 2
GRP010	126 - TM No. 6 VOC Emissions CAP	EQT85 111 - Tissue Machine No. 6 Yankee Aircap Exhaust
GRP010	126 - TM No. 6 VOC Emissions CAP	FUG6 113 - Tissue Machine No. 6 Fugitive Emissions
GRP010	126 - TM No. 6 VOC Emissions CAP	FUG7 114 - Tissue Machine No. 6 Converting Equipment Fugitives
GRP013	138 - PC/Coal Day Bin Baghouse Vent CAP	EQT114 137A - No. 1 PC/Coal Day Bin Baghouse Vent
GRP013	138 - PC/Coal Day Bin Baghouse Vent CAP	EQT115 137B - No. 2 PC/Coal Day Bin Baghouse Vent
GRP015	164 - Boilers 1, 5, & 6 Emission CAP	EQT99 5 - Combination Boiler No. 1
GRP015	164 - Boilers 1, 5, & 6 Emission CAP	EQT109 130 - No. 6 CFB Boiler
GRP015	164 - Boilers 1, 5, & 6 Emission CAP	EQT100 27 - Power Boiler No. 5
GRP016	97 - Hardwood Chips SilosCAP	EQT63 97A - Hardwood Chip Silo - Kamyr
GRP016	97 - Hardwood Chips SilosCAP	EQT64 97B - Hardwood Chip Silo - ESCO
GRP017	Facility-wide Requirements	EQT109 130 - No. 6 CFB Boiler
GRP017	Facility-wide Requirements	EQT110 132 - PC/Coal Truck Unloading
GRP017	Facility-wide Requirements	EQT114 137A - No. 1 PC/Coal Day Bin Baghouse Vent
GRP017	Facility-wide Requirements	EQT115 137B - No. 2 PC/Coal Day Bin Baghouse Vent
GRP017	Facility-wide Requirements	EQT116 140 - Limestone Truck Unloading
GRP017	Facility-wide Requirements	EQT119 145 - LS Day Bin Baghouse Vent
GRP017	Facility-wide Requirements	EQT121 147 - No. 1 Ash Silo Baghouse Vent
GRP017	Facility-wide Requirements	EQT122 148 - No. 2 Ash Silo Baghouse Vent
GRP017	Facility-wide Requirements	EQT123 149 - Process Cooling Tower
GRP017	Facility-wide Requirements	EQT125 153 - Ash Hydration
GRP017	Facility-wide Requirements	EQT126 154 - Wet Strength Storage Tank B
GRP017	Facility-wide Requirements	EQT127 155 - No. 1 Bleach Plant E Stage Vents

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INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP017	Facility-wide Requirements	EQT128 156 - No. 2 Bleach Plant E Stage Vents
GRP017	Facility-wide Requirements	EQT129 157 - No. 3 Bleach Plant E Stage Vents
GRP017	Facility-wide Requirements	EQT130 158 - Sulfuric Acid Tank 1
GRP017	Facility-wide Requirements	EQT131 159 - Sulfuric Acid Tank 2
GRP017	Facility-wide Requirements	EQT132 160 - No. 5 Tissue Machine Conveying System Dust Scrubber
GRP017	Facility-wide Requirements	EQT133 161 - No. 6 CFB Boiler Startup/Shutdown Emissions
GRP017	Facility-wide Requirements	EQT134 162 - LK Raw Pet Coke Bin Baghouse
GRP017	Facility-wide Requirements	EQT135 163 - LK Ground Pet Coke Bin Baghouse
GRP017	Facility-wide Requirements	EQT16 50A - Bleached High Density Tank No. 1
GRP017	Facility-wide Requirements	EQT15 49 - Batch Digester Fill Exhaust
GRP017	Facility-wide Requirements	EQT14 48B - Heavy Black Liquor Tank No. 2 (E)
GRP017	Facility-wide Requirements	EQT13 48A - Heavy Black Liquor Tank No. 1 (W)
GRP017	Facility-wide Requirements	EQT12 45 - Paper Machine No. 4, White Water Chest
GRP017	Facility-wide Requirements	EQT11 40 - Wastewater Treatment System
GRP017	Facility-wide Requirements	ARE9 103 - Landfill No. 3
GRP017	Facility-wide Requirements	ARE8 67B - South Landfill
GRP017	Facility-wide Requirements	ARE7 67A - North Landfill
GRP017	Facility-wide Requirements	EQT33 69 - TM No. 5 Vacuum Pump Vent
GRP017	Facility-wide Requirements	EQT32 68 - TM No. 5 Dryer Hood Vent
GRP017	Facility-wide Requirements	EQT31 65 - Paper Broke Cyclones
GRP017	Facility-wide Requirements	EQT30 63 - Gasoline Storage Tank
GRP017	Facility-wide Requirements	EQT29 61 - Black Liquor Pond
GRP017	Facility-wide Requirements	EQT28 56C - Brownstock H.D. Storage Tank No. 3
GRP017	Facility-wide Requirements	EQT27 56B - Brownstock H.D. Storage Tank No. 2
GRP017	Facility-wide Requirements	EQT26 56A - Brownstock H.D. Storage Tank No. 1
GRP017	Facility-wide Requirements	EQT25 55C - Weak Black Liquor Tank No. 3
GRP017	Facility-wide Requirements	EQT50 85A - White Liquor Clarifier Feed Tank No. 1
GRP017	Facility-wide Requirements	EQT49 84 - Green Liquor Clarifier No. 4
GRP017	Facility-wide Requirements	EQT48 83 - Green Liquor Clarifier No. 2
GRP017	Facility-wide Requirements	EQT47 82 - Green Liquor Stabilization Tank
GRP017	Facility-wide Requirements	EQT46 81 - Paper Machine No. 4
GRP017	Facility-wide Requirements	EQT45 80 - Paper Machine No. 3
GRP017	Facility-wide Requirements	EQT44 79D - Caustic/Liquor Tank No. 4
GRP017	Facility-wide Requirements	EQT43 79C - Caustic/Liquor Tank No. 3
GRP017	Facility-wide Requirements	EQT42 79B - Caustic/Liquor Tank No. 2
GRP017	Facility-wide Requirements	EQT67 102B - Power & Utilities Cooling Tower No. 2
GRP017	Facility-wide Requirements	EQT66 102A - Power & Utilities Cooling Tower No. 1

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INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP017	Facility-wide Requirements	EQT65 98 - ESCO Chip Bin Cyclone
GRP017	Facility-wide Requirements	EQT64 97B - Hardwood Chip Silo - ESCO
GRP017	Facility-wide Requirements	EQT63 97A - Hardwood Chip Silo - Kamyr
GRP017	Facility-wide Requirements	EQT62 96 - Kamyr Chip Bin
GRP017	Facility-wide Requirements	EQT61 95 - Batch Chip Silo
GRP017	Facility-wide Requirements	EQT60 94 - Knotter No. 2
GRP017	Facility-wide Requirements	EQT59 93 - Knotter No. 1
GRP017	Facility-wide Requirements	EQT84 110 - Tissue Machine No. 6 Converting Pulper Exhaust
GRP017	Facility-wide Requirements	EQT83 109- Tissue Machine No. 6 Dust Collection System
GRP017	Facility-wide Requirements	EQT82 108 - Tissue Machine No. 6 Mist Elimination System
GRP017	Facility-wide Requirements	EQT81 107 - Tissue Machine No. 6 TAD Exhaust 2
GRP017	Facility-wide Requirements	EQT80 106 - Tissue Machine No. 6 TAD Exhaust 1
GRP017	Facility-wide Requirements	EQT79 105 - Tissue Machine No. 6 Vacuum Pump Exhaust
GRP017	Facility-wide Requirements	EQT78 102M - Tissue Machine No. 6 Absorption Chiller- Cooling Tower
GRP017	Facility-wide Requirements	EQT77 102L - Tissue Machine No. 6 Vacuum Pump- Cooling Tower
GRP017	Facility-wide Requirements	EQT76 102K - Tissue Machine No. 6 Centrifugal Chiller- Cooling Tower
GRP017	Facility-wide Requirements	EQT108 47 - Slakers/Causticizers Combination
GRP017	Facility-wide Requirements	EQT107 44 - Paper Machine No. 4, Saveall
GRP017	Facility-wide Requirements	EQT106 43 - Paper Machine No. 3, White Water Chest
GRP017	Facility-wide Requirements	EQT105 42 - Paper Machine No. 3, Saveall
GRP017	Facility-wide Requirements	EQT104 39 - Methanol Storage Tank
GRP017	Facility-wide Requirements	EQT103 38 - Bleach Plant No. 2 Scrubber Vent
GRP017	Facility-wide Requirements	EQT102 37 - Bleach Plant No. 1 Scrubber Vent
GRP017	Facility-wide Requirements	EQT101 34 - Bleach Plant No. 3 Scrubber Vent
GRP017	Facility-wide Requirements	EQT100 27 - Power Boiler No. 5
GRP017	Facility-wide Requirements	EQT99 5 - Combination Boiler No. 1
GRP017	Facility-wide Requirements	EQT98 11 - Lime Kiln No. 2 / Scrubber
GRP017	Facility-wide Requirements	EQT97 10 - Lime Kiln No. 1 / Scrubber
GRP017	Facility-wide Requirements	EQT96 9 - Smelt Tank Scrubber No. 2, Stack B
GRP017	Facility-wide Requirements	EQT95 8 - Smelt Tank Scrubber No. 2, Stack A
GRP017	Facility-wide Requirements	EQT94 7 - Smelt Tank Scrubber No. 1
GRP017	Facility-wide Requirements	EQT93 73 - Recovery Furnace No. 2
GRP017	Facility-wide Requirements	EQT92 72 - Recovery Furnace No. 1
GRP017	Facility-wide Requirements	EQT91 122 - Tissue Machine No. 5 Pulper Exhaust Stack
GRP017	Facility-wide Requirements	EQT90 121 - LK Pet Coke Mill Process Vent
GRP017	Facility-wide Requirements	EQT89 120 - LK Coke Handling
GRP017	Facility-wide Requirements	EQT88 119 - No. 6 Cut-Size Sheeter Vents

INVENTORIES

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP017	Facility-wide Requirements	EQT87 118 - Broke System Bailer Exhaust
GRP017	Facility-wide Requirements	EQT86 117 - Wet Strength Storage Tank
GRP017	Facility-wide Requirements	EQT85 111 - Tissue Machine No. 6 Yankee Aircap Exhaust
GRP017	Facility-wide Requirements	EQT75 102J - Paper Machine No. 4 Vacuum Pump-Cooling Tower
GRP017	Facility-wide Requirements	EQT74 102I - Paper Machine No. 3 Vacuum Pump-Cooling Tower
GRP017	Facility-wide Requirements	EQT73 102H - Tissue Converting Cooling Tower No. 2
GRP017	Facility-wide Requirements	EQT72 102G - Tissue Converting Cooling Tower No. 1
GRP017	Facility-wide Requirements	EQT71 102F - New Converting Cooling Tower
GRP017	Facility-wide Requirements	EQT70 102E - West Converting Cooling Tower
GRP017	Facility-wide Requirements	EQT69 102D - East Converting Cooling Tower
GRP017	Facility-wide Requirements	EQT68 102C - Pulp Mill Cooling Tower
GRP017	Facility-wide Requirements	EQT58 92 - Lime Silo Baghouse No. 2
GRP017	Facility-wide Requirements	EQT57 91 - Lime Silo Baghouse No. 1
GRP017	Facility-wide Requirements	EQT56 89 - Weak Wash Storage Tank
GRP017	Facility-wide Requirements	EQT55 88B - White Liquor Storage Tank No. 2
GRP017	Facility-wide Requirements	EQT54 88A - White Liquor Storage Tank No. 1
GRP017	Facility-wide Requirements	EQT53 87 - White Liquor Clarifier No. 4
GRP017	Facility-wide Requirements	EQT52 86 - White Liquor Clarifier No. 3
GRP017	Facility-wide Requirements	EQT51 85B - White Liquor Clarifier Feed Tank No. 2
GRP017	Facility-wide Requirements	EQT41 79A - Caustic/Liquor Tank No. 1
GRP017	Facility-wide Requirements	EQT40 78 - Black Liquor Loading/Unloading
GRP017	Facility-wide Requirements	EQT39 75 - Concentrated Liquor Process Tank No. 2
GRP017	Facility-wide Requirements	EQT38 74 - Concentrated Liquor Process Tank No. 1
GRP017	Facility-wide Requirements	EQT37 71C - Bentonite Silo Baghouse
GRP017	Facility-wide Requirements	EQT36 71B - Wet End Starch Silo Baghouse
GRP017	Facility-wide Requirements	EQT35 71A - No. 3 & 4 Starch Silo Baghouse
GRP017	Facility-wide Requirements	EQT34 70 - TM No. 5 Wet Scrubber Vent
GRP017	Facility-wide Requirements	EQT24 55B - Weak Black Liquor Tank No. 2
GRP017	Facility-wide Requirements	EQT23 55A - Weak Black Liquor Tank No. 1
GRP017	Facility-wide Requirements	EQT22 52 - Lime Mud Precoat Filter
GRP017	Facility-wide Requirements	EQT21 50F - Bleached High Density Tank No. 6
GRP017	Facility-wide Requirements	EQT20 50E - Bleached High Density Tank No. 5
GRP017	Facility-wide Requirements	EQT19 50D - Bleached High Density Tank No. 4
GRP017	Facility-wide Requirements	EQT18 50C - Bleached High Density Tank No. 3
GRP017	Facility-wide Requirements	EQT17 50B - Bleached High Density Tank No. 2
GRP017	Facility-wide Requirements	EQT136 165 - No. 6 Power Boiler Ammonia Storage Tank
GRP017	Facility-wide Requirements	EQT137 LVHC - LVHC System

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AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

Subject Item Groups:

ID	Description	Included Components (from Above)
GRP017	Facility-wide Requirements	EQT138 HVLC - HVLC System
GRP017	Facility-wide Requirements	EQT139 PULP- Pulping Condensates
GRP017	Facility-wide Requirements	EQT140 166 - Pet Coke Conveying System
GRP017	Facility-wide Requirements	EQT141 169- Boiler Ash Filter Separator Vent
GRP017	Facility-wide Requirements	EQT142 170- No. 6 CFB Biomass Fuel Handling
GRP017	Facility-wide Requirements	EQT143 168 - Pet Coke/Limestone Baghouse Vent
GRP017	Facility-wide Requirements	EQT144 167 - Limestone Conveying System
GRP017	Facility-wide Requirements	FUG1 66 - Paved and Unpaved Roads
GRP017	Facility-wide Requirements	FUG2 90 - Lime Kiln Fugitives
GRP017	Facility-wide Requirements	FUG3 99 - Hardwood Handling Fugitives
GRP017	Facility-wide Requirements	FUG4 100 - Softwood Handling Fugitives
GRP017	Facility-wide Requirements	FUG5 101 - Bark Pile Fugitives
GRP017	Facility-wide Requirements	FUG6 113 - Tissue Machine No. 6 Fugitive Emissions
GRP017	Facility-wide Requirements	FUG7 114 - Tissue Machine No. 6 Converting Equipment Fugitives
GRP017	Facility-wide Requirements	FUG8 131 - PC/Coal Storage Pile Fugitives
GRP017	Facility-wide Requirements	FUG9 133 - PC/Coal Dump Pit Fugitives
GRP017	Facility-wide Requirements	FUG10 139 - Limestone Storage Pile Fugitives
GRP017	Facility-wide Requirements	FUG11 141 - Limestone Railcar Dump Pit Fugitives
GRP017	Facility-wide Requirements	FUG12 151 - Fly Ash Loading Fugitives
GRP017	Facility-wide Requirements	FUG13 152 - Bottom Ash Loading Fugitives
GRP018	127 - Interim Steam-Generating Units Emissions CAP	EQT92 72 - Recovery Furnace No. 1
GRP018	127 - Interim Steam-Generating Units Emissions CAP	EQT93 73 - Recovery Furnace No. 2
GRP018	127 - Interim Steam-Generating Units Emissions CAP	EQT99 5 - Combination Boiler No. 1
GRP018	127 - Interim Steam-Generating Units Emissions CAP	EQT100 27 - Power Boiler No. 5

Relationships:

Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT012	45 - Paper Machine No. 4, White Water Chest	37	7000	2		94	117
EQT013	48A - Heavy Black Liquor Tank No. 1 (W)			2		52	
EQT014	48B - Heavy Black Liquor Tank No. 2 (E)			1.2		52	
EQT015	49 - Batch Digester Fill Exhaust			4		100.5	
EQT016	50A - Bleached High Density Tank No. 1			2.5		95	
EQT017	50B - Bleached High Density Tank No. 2			3		101	
EQT018	50C - Bleached High Density Tank No. 3			3		122	
EQT019	50D - Bleached High Density Tank No. 4			3		122	
EQT020	50E - Bleached High Density Tank No. 5			3		122	

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AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT021	50F - Bleached High Density Tank No. 6			3		122	
EQT022	52 - Lime Mud Precoat Filter	1	32.4	.83		7	140
EQT023	55A - Weak Black Liquor Tank No. 1			2.5		36	
EQT024	55B - Weak Black Liquor Tank No. 2			2.5		44	
EQT025	55C - Weak Black Liquor Tank No. 3			2.5		44	
EQT026	56A - Brownstock H.D. Storage Tank No. 1			3		96	
EQT027	56B - Brownstock H.D. Storage Tank No. 2			3		102	
EQT028	56C - Brownstock H.D. Storage Tank No. 3			3		79	
EQT029	61 - Black Liquor Pond						
EQT030	63 - Gasoline Storage Tank						
EQT032	68 - TM No. 5 Dryer Hood Vent	4000	43000	4.3		69	130
EQT033	69 - TM No. 5 Vacuum Pump Vent	3200	40400	4.5		69	120
EQT034	70 - TM No. 5 Wet Scrubber Vent	3200	63750	5		69	120
EQT035	71A - No. 3 & 4 Starch Silo Baghouse	121	1005	.42		11.5	
EQT036	71B - Wet End Starch Silo Baghouse	60	500	.42		60	
EQT037	71C - Bentonite Silo Baghouse	120	1000	.42		11	
EQT038	74 - Concentrated Liquor Process Tank No. 1			.67		156	248
EQT039	75 - Concentrated Liquor Process Tank No. 2			.67		156	
EQT041	79A - Caustic/Liquor Tank No. 1			4		38	
EQT042	79B - Caustic/Liquor Tank No. 2			4		38	
EQT043	79C - Caustic/Liquor Tank No. 3			4		38	
EQT044	79D - Caustic/Liquor Tank No. 4			4		42	
EQT045	80 - Paper Machine No. 3						
EQT046	81 - Paper Machine No. 4						
EQT047	82 - Green Liquor Stabilization Tank					32	
EQT048	83 - Green Liquor Clarifier No. 2						120
EQT049	84 - Green Liquor Clarifier No. 4						120
EQT050	85A - White Liquor Clarifier Feed Tank No. 1			2		15	
EQT051	85B - White Liquor Clarifier Feed Tank No. 2			2		15	
EQT052	86 - White Liquor Clarifier No. 3						120
EQT053	87 - White Liquor Clarifier No. 4						120
EQT054	88A - White Liquor Storage Tank No. 1			2.5		44	
EQT055	88B - White Liquor Storage Tank No. 2			.67		44	
EQT056	89 - Weak Wash Storage Tank					44	
EQT057	91 - Lime Silo Baghouse No. 1			7		57.5	
EQT058	92 - Lime Silo Baghouse No. 2			7		68.5	
EQT059	93 - Knotter No. 1					34.5	
EQT060	94 - Knotter No. 2					34.5	
EQT061	95 - Batch Chip Silo						80
EQT062	96 - Kamyr Chip Bin						80
EQT063	97A - Hardwood Chip Silo - Kamyr			30		76	
EQT064	97B - Hardwood Chip Silo - ESCO			30		82	

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Permit Number: 0840-00010-V3
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Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT065	98 - ESCO Chip Bin Cyclone			32		173	
EQT066	102A - Power & Utilities Cooling Tower No. 1					44.5	
EQT067	102B - Power & Utilities Cooling Tower No. 2					36	
EQT068	102C - Pulp Mill Cooling Tower					34	
EQT069	102D - East Converting Cooling Tower					10.8	
EQT070	102E - West Converting Cooling Tower					9	
EQT071	102F - New Converting Cooling Tower					28	
EQT072	102G - Tissue Converting Cooling Tower No. 1					11	
EQT073	102H - Tissue Converting Cooling Tower No. 2					11	
EQT074	102I - Paper Machine No. 3 Vacuum Pump-Cooling Tower					11	
EQT075	102J - Paper Machine No. 4 Vacuum Pump-Cooling Tower					11	
EQT076	102K - Tissue Machine No. 6 Centrifugal Chiller- Cooling Tower					11	
EQT077	102L - Tissue Machine No. 6 Vacuum Pump- Cooling Tower					11	
EQT078	102M - Tissue Machine No. 6 Absorption Chiller- Cooling Tower					11	
EQT079	105 - Tissue Machine No. 6 Vacuum Pump Exhaust	50.9	60000	5		70	130
EQT080	106 - Tissue Machine No. 6 TAD Exhaust 1	60.3	120000	6.5		125	250
EQT081	107 - Tissue Machine No. 6 TAD Exhaust 2	50.9	60000	5		125	250
EQT082	108 - Tissue Machine No. 6 Mist Elimination System	51.6	735000	5.5		110	125
EQT083	109- Tissue Machine No. 6 Dust Collection System	57.3	121200	6.7		125	102
EQT084	110 - Tissue Machine No. 6 Converting Pulper Exhaust	63.7	12000	2		67	140
EQT085	111 - Tissue Machine No. 6 Yankee Aircap Exhaust	55.8	37000	3.75		125	400
EQT086	117 - Wet Strength Storage Tank					30	
EQT087	118 - Broke System Bailer Exhaust			.5		42	
EQT088	119 - No. 6 Cut-Size Sheeter Vents			.5		42	
EQT089	120 - LK Coke Handling						80
EQT090	121 - LK Pet Coke Mill Process Vent			1.5			80
EQT091	122 - Tissue Machine No. 5 Pulper Exhaust Stack						80
EQT092	72 - Recovery Furnace No. 1	60339	320200	11		200	325
EQT093	73 - Recovery Furnace No. 2	60339	455438	11		200	325
EQT094	7 - Smelt Tank Scrubber No. 1	32	18473	3.5		200	160
EQT095	8 - Smelt Tank Scrubber No. 2, Stack A	21	20039	4.5		200	190
EQT096	9 - Smelt Tank Scrubber No. 2, Stack B	21	20039	4.5		200	190
EQT097	10 - Lime Kiln No. 1 / Scrubber	19.6	39023	6.5		150	160
EQT098	11 - Lime Kiln No. 2 / Scrubber	24.1	82054	6.5		150	177
EQT099	5 - Combination Boiler No. 1	24.7	140839	11		200	155
EQT100	27 - Power Boiler No. 5	60.1	283003	10		213	345
EQT101	34 - Bleach Plant No. 3 Scrubber Vent	35.8	2851	1.3		125	130
EQT102	37 - Bleach Plant No. 1 Scrubber Vent	95999	40715	3		136	140
EQT103	38 - Bleach Plant No. 2 Scrubber Vent	67899	19998	2.5		86	140
EQT105	42 - Paper Machine No. 3, Saveall	39.5	199080	1.33		78.5	102
EQT106	43 - Paper Machine No. 3, White Water Chest	37	7000	2		94	117
EQT107	44 - Paper Machine No. 4, Saveall	40.3	256800	1.5		79.5	113

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AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
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Stack Information:

ID		Velocity (ft/sec)	Flow Rate (cubic ft/min-actual)	Diameter (feet)	Discharge Area (square feet)	Height (feet)	Temperature (oF)
EQT108	47 - Slakers/Causticizers Combination	.5	6	.5		8	180
EQT109	130 - No. 6 CFB Boiler	47	319322	12		200	165
EQT114	137A - No. 1 PC/Coal Day Bin Baghouse Vent	26	4500		35	79	150
EQT115	137B - No. 2 PC/Coal Day Bin Baghouse Vent	26	4500		35	79	150
EQT119	145 - LS Day Bin Baghouse Vent	34	4500		26.7	79	150
EQT121	147 - No. 1 Ash Silo Baghouse Vent		2200			100	125
EQT122	148 - No. 2 Ash Silo Baghouse Vent		2200			100	125
EQT123	149 - Process Cooling Tower	28.4	835400	22		38.75	80
EQT126	154 - Wet Strength Storage Tank B					30	
EQT127	155 - No. 1 Bleach Plant E Stage Vents					136	
EQT128	156 - No. 2 Bleach Plant E Stage Vents					86	
EQT129	157 - No. 3 Bleach Plant E Stage Vents					125	
EQT130	158 - Sulfuric Acid Tank 1			23		23	
EQT131	159 - Sulfuric Acid Tank 2			12		15	
EQT132	160 - No. 5 Tissue Machine Conveying System Dust Scrubber	42	12000	2.5		35	100
EQT141	169- Boiler Ash Filter Separator Vent	84.9	3999	1		146	200
EQT143	168 - Pet Coke/Limestone Baghouse Vent		25000				150
GRP013	138 - PC/Coal Day Bin Baghouse Vent CAP	26	4500		35	79	150

Fee Information:

Subj Item Id	Multiplier	Units Of Measure	Fee Desc
AI2617	100	1,000 Lbs/Hr	1540 - Steam Gen. Units-Natural Gas or Comb Non-Fossil Fuels (Rated Capacity)
	1648	Ton/Day	0330 - Pulp Mill (Rated Capacity)
			1D14 - Level or density gauges
			1520 - Incinerators: A) 1,000 Lb/Hr and Greater Capacity
GRP017	900	1,000 Lbs/Hr	1560 - Steam Gen. Units Steam Cap-Fuels with More than 0.7 percent S (Rated Capacity)
	2466	Ton/Day	0340 - Paper Mill (Rated Capacity)

EMISSION RATES FOR CRITERIA POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A													0.14	0.14	0.62
ARE 008 67B													0.14	0.14	0.62
ARE 009 103													0.12	0.12	0.54
EQT 011 40													2.52	3.17	11.04
EQT 013 48A													0.52	0.52	2.27
EQT 014 48B													0.52	0.52	2.27
EQT 015 49													4.06	4.05	17.76
EQT 016 50A													0.02	0.02	0.09
EQT 017 50B													0.02	0.02	0.09
EQT 018 50C													0.02	0.02	0.09
EQT 019 50D													0.02	0.02	0.09
EQT 020 50E													0.02	0.02	0.09
EQT 021 50F													0.02	0.02	0.09
EQT 022 52													0.76	1.05	3.34
EQT 023 55A													0.59	0.59	2.58
EQT 024 55B													0.59	0.59	2.58
EQT 025 55C													0.59	0.59	2.58
EQT 026 56A													1.42	1.42	6.23

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EMISSION RATES FOR CRITERIA POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 027 56B													1.42	1.42	6.23
EQT 028 56C													1.42	1.42	6.23
EQT 029 61													7.87	7.87	34.46
EQT 030 63													0.04	0.04	0.16
EQT 031 65	0.06	0.06	0.25												
EQT 032 68	1.50	1.50	6.59	0.04	0.04	0.19	3.60	3.60	15.77	5.54	5.54	24.28	2.42	2.61	10.62
EQT 033 69													0.28	0.30	1.21
EQT 034 70	1.78	1.91	7.78										0.50	0.54	2.18
EQT 035 71A	0.08	0.13	0.37												
EQT 036 71B	0.02	0.02	0.07												
EQT 037 71C	0.01	0.01	0.02												
EQT 038 74													0.40	0.40	1.76
EQT 039 75													0.40	0.40	1.76
EQT 040 78													0.08	0.43	0.35
EQT 041 79A													1.02	1.02	4.46
EQT 042 79B													1.02	1.02	4.46
EQT 043 79C													1.02	1.02	4.46
EQT 044 79D													1.02	1.02	4.46

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 045 80	0.23	0.36	1.01										7.76	11.93	33.97
EQT 046 81	0.22	0.36	1.03										7.69	11.93	33.69
EQT 047 82													0.11	0.13	0.48
EQT 048 83													2.60	4.36	11.39
EQT 049 84													2.6	4.36	11.39
EQT 050 85A													0.90	1.07	3.92
EQT 051 85B													0.90	1.07	3.92
EQT 052 86													2.60	4.36	11.39
EQT 053 87													1.79	2.13	7.84
EQT 054 88A													0.63	0.71	2.77
EQT 055 88B													0.63	0.71	2.77
EQT 056 89													1.79	2.13	7.84
EQT 057 91	< 0.001	< 0.001	< 0.01												
EQT 058 92	< 0.001	< 0.001	< 0.01												
EQT 059 93														2.63	
EQT 060 94														2.61	
EQT 061 95	0.23	0.23	0.99												
EQT 062 96		0.33													

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 063 97A		0.24													
EQT 064 97B		0.24													
EQT 065 98		0.33													
EQT 066 102A	0.01	0.01	0.05												
EQT 067 102B	0.01	0.01	0.03												
EQT 068 102C	0.003	0.003	0.01												
EQT 069 102D	0.002	0.002	0.01												
EQT 070 102E	0.002	0.002	0.01												
EQT 071 102F	0.001	0.001	< 0.01												
EQT 072 102G	0.001	0.001	< 0.01												
EQT 073 102H	0.001	0.001	< 0.01												
EQT 074 102I	0.001	0.001	0.01												
EQT 075 102J	0.001	0.001	0.01												
EQT 076 102K	0.001	0.001	< 0.01												
EQT 077 102L	0.002	0.002	0.01												
EQT 078 102M	0.001	0.001	< 0.01												
EQT 079 105	0.10	0.10	0.45										0.77	0.77	3.37
EQT 080 106	2.16	2.59	9.46	0.05	0.05	0.24	3.86	4.64	16.92	16.20	19.44	70.96		15.00	

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 081 107	1.08	1.30	4.73	0.03	0.03	0.13	2.15	2.57	9.40	9.00	10.80	39.42		6.00	
EQT 082 108	1.63	1.96	7.16										1.07	1.07	4.67
EQT 083 109	1.79	2.15	7.84										0.001	0.001	< 0.01
EQT 084 110	0.10	0.10	0.45										0.004	0.004	0.02
EQT 085 111	1.28	1.54	5.61	0.01	0.01	0.06	1.28	1.54	5.62	3.78	4.54	16.56		1.07	
EQT 086 117													0.01	0.01	0.03
EQT 087 118	0.14	0.14	0.61												
EQT 088 119	0.08	0.08	0.35												
EQT 089 120	0.05	0.11	0.21												
EQT 090 121							0.23	0.23	0.99	0.50	0.50	2.21			
EQT 091 122	0.10	0.10	0.45										0.004	0.004	0.02
EQT 092 72		42.11			105.91			156.20			339.80			8.72	
EQT 093 73		64.57			146.74			216.45			470.80			8.93	
EQT 094 7		13.83						10.44						4.29	
EQT 095 8		9.58						7.24						2.97	
EQT 096 9		9.58						7.24						2.97	
EQT 097 10		18.58			3.26			48.78			15.81			4.33	
EQT 098 11		13.73			2.59			38.75			12.56			3.49	

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 099 5		32.42			37.37		53.82	128.70	235.74	436.80	614.38	1913.19		13.50	
EQT 100 27		7.35			51.78		70.04	98.71	306.71		81.29			5.32	
EQT 101 34										22.88	23.36	100.19	3.87	3.99	16.95
EQT 102 37											29.44			6.55	
EQT 103 38											29.44			8.53	
EQT 104 39													0.15	0.15	0.65
EQT 108 47	0.41	0.56	1.78										1.32	1.81	5.76
EQT 109 130		31.11			289.20			130.14			312.85			7.22	
EQT 110 132	0.01	0.01	< 0.01												
EQT 114 137A		1.16													
EQT 115 137B		1.16													
EQT 116 140	0.11	0.15	0.01												
EQT 119 145	0.77	1.16	3.38												
EQT 121 147	0.38	0.57	1.65												
EQT 122 148	0.38	0.57	1.65												
EQT 123 149	0.02	0.03	0.10												
EQT 125 153	0.55	0.82	2.39												
EQT 126 154													0.01	0.01	0.03

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 127 155										1.34	1.58	5.88	0.76	0.90	3.34
EQT 128 156										0.69	1.03	3.00	0.39	0.58	1.71
EQT 129 157										0.94	0.96	4.12	0.53	0.55	2.34
EQT 132 160	0.06	0.08	0.26												
EQT 133 161	2.75	2.75	0.06	273.10	273.10	2.29	100.50	100.50	1.28	123.40	123.40	2.91	6.20	6.20	0.14
EQT 134 162	0.60	0.60	2.63												
EQT 135 163	0.09	0.09	0.39												
EQT 140 166	0.05	0.07	0.07												
EQT 141 169	0.69	1.03	3.00												
EQT 142 170	0.18	0.27	0.80												
EQT 143 168	0.59	4.29	2.59												
EQT 144 167	0.21	0.27	0.20												
FUG 001 66	5.83	11.15	25.53												
FUG 002 90	4.57	4.57	20.00												
FUG 003 99	1.38	1.38	6.06										1.18	1.18	5.18
FUG 004 100	0.33	0.33	2.05										0.55	0.55	2.40
FUG 005 101	0.02	0.02	0.08										0.16	0.16	0.68
FUG 006 113	2.30	2.30	10.05											70.07	

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Air - Title V Regular Permit Minor Mod

All phases

	PM_{10}			SO_2			NOx			CO			VOC		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
FUG 007 114														6.00	
FUG 008 131	0.20	1.00	0.89												
FUG 009 133	0.06	0.09	0.11												
FUG 010 139	0.44	1.63	1.90												
FUG 011 141	0.21	0.31	0.20												
FUG 012 151	0.32	0.48	1.40												
FUG 013 152	0.13	0.20	0.57												
GRP 003 76	75.68		331.48	163.41		715.74	285.01		1248.35	619.94		2715.33	13.90		60.90
GRP 004 77	21.92		96.02				20.95		91.77				8.61		37.70
GRP 005 104	28.33		124.09	4.26		18.64	61.24		268.21	19.16		83.92	5.46		23.93
GRP 007 123										37.81		165.59	8.34		36.53
GRP 008 124	0.49		2.14												
GRP 009 125													3.38		14.82
GRP 010 126													82.78		362.57
GRP 013 138	0.77		3.38												
GRP 015 164	27.42		120.09	281.15		1070.02	128.46		562.62	329.33		1442.43	7.10		31.11
GRP 016 97	0.49		2.14												
GRP 018 127	**102.23**		**447.77**	**248.68**		**1089.20**	**414.35**		**1814.84**	**956.99**		**4191.63**	**15.98**		**70.00**

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Air - Title V Regular Permit Minor Mod

All phases

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Phase Totals:

PM10: 824.71 tons/yr

SO2: 1807.31 tons/yr

NOx: 2220.93 tons/yr

CO: 4676.80 tons/yr

VOC: 881.99 tons/yr

Emission rates Notes:

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	1,1,1-Trichloroethane			1,1,2-Trichloroethane			1,2,3,4,6,7,8,9-Octachlorodibenzodioxin			1,2,4-Trichlorobenzene			1,2-Dibromoethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01									
ARE 008 67B	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01									
ARE 009 103	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01									
EQT 011 40															
EQT 012 45															
EQT 013 48A															
EQT 014 48B															
EQT 015 49	< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.01				< 0.01	< 0.01	< 0.01			
EQT 016 50A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 017 50B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 018 50C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 019 50D	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 020 50E	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 021 50F	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 022 52	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	0.03			
EQT 023 55A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 024 55B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 025 55C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			

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Air - Title V Regular Permit Minor Mod

All phases

	1,2-Dichloroethane			1,2-Dichloropropane			1,2-dichloroethylene			1-methyl, 4-isopropylbenzene			2,2,4-Trimethylpentane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A	< 0.001	< 0.001	0.003												
ARE 008 67B	< 0.001	< 0.001	0.003												
ARE 009 103	< 0.001	< 0.001	0.003												
EQT 011 40															
EQT 012 45															
EQT 013 48A															
EQT 014 48B															
EQT 015 49	0.003	0.003	0.014												
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52															
EQT 023 55A	< 0.001	< 0.001	< 0.001												
EQT 024 55B	< 0.001	< 0.001	< 0.001												
EQT 025 55C	< 0.001	< 0.001	< 0.001												

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	2,4-Dinitrophenol			2,4-Dinitrotoluene			2-Methylnaphthalene			4,6 Dinitro-o-cresol			4-Nitrophenol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A															
ARE 008 67B															
ARE 009 103															
EQT 011 40															
EQT 012 45															
EQT 013 48A															
EQT 014 48B															
EQT 015 49															
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52															
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Acetaldehyde			Acetophenone			Acrolein			Ammonia			Antimony (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A															
ARE 008 67B															
ARE 009 103															
EQT 011 40	0.77	0.77	3.39												
EQT 012 45															
EQT 013 48A	0.02	0.02	0.09				< 0.001	< 0.001	< 0.001						
EQT 014 48B	0.02	0.02	0.09				< 0.001	< 0.001	< 0.001						
EQT 015 49	0.03	0.03	0.13				< 0.001	< 0.001	0.002						
EQT 016 50A	< 0.01	< 0.01	0.02				< 0.001	< 0.001	< 0.001						
EQT 017 50B	< 0.01	< 0.01	0.02				< 0.001	< 0.001	< 0.001						
EQT 018 50C	< 0.01	< 0.01	0.02				< 0.001	< 0.001	< 0.001						
EQT 019 50D	< 0.01	< 0.01	0.02				< 0.001	< 0.001	< 0.001						
EQT 020 50E	< 0.01	< 0.01	0.02				< 0.001	< 0.001	< 0.001						
EQT 021 50F	< 0.01	< 0.01	0.02				< 0.001	< 0.001	< 0.001						
EQT 022 52	< 0.01	< 0.01	0.02				< 0.001	0.001	0.004						
EQT 023 55A	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 024 55B	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 025 55C	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Arsenic (and compounds)			Barium (and compounds)			Benzene			Benzyl chloride			Beryllium (Table 51.1)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A							< 0.01	< 0.01	0.01						
ARE 008 67B							< 0.01	< 0.01	0.01						
ARE 009 103							< 0.01	< 0.01	< 0.01						
EQT 011 40															
EQT 012 45															
EQT 013 48A							< 0.01	< 0.01	< 0.01						
EQT 014 48B							< 0.01	< 0.01	< 0.01						
EQT 015 49							< 0.01	< 0.01	< 0.01						
EQT 016 50A							< 0.01	< 0.01	< 0.01						
EQT 017 50B							< 0.01	< 0.01	< 0.01						
EQT 018 50C							< 0.01	< 0.01	< 0.01						
EQT 019 50D							< 0.01	< 0.01	< 0.01						
EQT 020 50E							< 0.01	< 0.01	< 0.01						
EQT 021 50F							< 0.01	< 0.01	< 0.01						
EQT 022 52							< 0.01	< 0.01	< 0.01						
EQT 023 55A							< 0.01	< 0.01	< 0.01						
EQT 024 55B							< 0.01	< 0.01	< 0.01						
EQT 025 55C							< 0.01	< 0.01	< 0.01						

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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All phases

	Biphenyl			Bromoform			Cadmium (and compounds)			Carbon disulfide			Carbon tetrachloride		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
ARE 008 67B										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
ARE 009 103										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
EQT 011 40										0.21	0.21	0.94			
EQT 012 45															
EQT 013 48A															
EQT 014 48B															
EQT 015 49													0.01	0.01	0.06
EQT 016 50A													< 0.01	< 0.01	< 0.01
EQT 017 50B													< 0.01	< 0.01	< 0.01
EQT 018 50C													< 0.01	< 0.01	< 0.01
EQT 019 50D													< 0.01	< 0.01	< 0.01
EQT 020 50E													< 0.01	< 0.01	< 0.01
EQT 021 50F													< 0.01	< 0.01	< 0.01
EQT 022 52															
EQT 023 55A													< 0.01	< 0.01	< 0.01
EQT 024 55B													< 0.01	< 0.01	< 0.01
EQT 025 55C													< 0.01	< 0.01	< 0.01

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Air - Title V Regular Permit Minor Mod

All phases

	Carbonyl sulfide			Chlorinated dibenzofurans			Chlorine			Chlorine dioxide			Chlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A	< 0.01	< 0.01	< 0.01										0.005	0.005	0.020
ARE 008 67B	< 0.01	< 0.01	< 0.01										0.005	0.005	0.020
ARE 009 103	< 0.01	< 0.01	< 0.01										< 0.001	< 0.001	0.002
EQT 011 40															
EQT 012 45										0.01	0.08	0.07			
EQT 013 48A															
EQT 014 48B															
EQT 015 49													0.003	0.003	0.014
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52													0.001	0.002	0.005
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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Air - Title V Regular Permit Minor Mod

All phases

	Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds			Copper (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A				< 0.01	< 0.01	< 0.01									
ARE 008 67B				< 0.01	< 0.01	< 0.01									
ARE 009 103				< 0.01	< 0.01	< 0.01									
EQT 011 40				0.09	0.56	0.38									
EQT 012 45															
EQT 013 48A				< 0.01	< 0.01	< 0.01									
EQT 014 48B				< 0.01	< 0.01	< 0.01									
EQT 015 49				0.03	0.03	0.13									
EQT 016 50A				< 0.01	< 0.01	< 0.01									
EQT 017 50B				< 0.01	< 0.01	< 0.01									
EQT 018 50C				< 0.01	< 0.01	< 0.01									
EQT 019 50D				< 0.01	< 0.01	< 0.01									
EQT 020 50E				< 0.01	< 0.01	< 0.01									
EQT 021 50F				< 0.01	< 0.01	< 0.01									
EQT 022 52				< 0.01	< 0.01	< 0.01									
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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All phases

	Cresol			Cumene			Cyanide compounds			Dibutyl phthalate			Dichloromethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A															
ARE 008 67B															
ARE 009 103															
EQT 011 40															
EQT 012 45															
EQT 013 48A															
EQT 014 48B															
EQT 015 49													< 0.01	< 0.01	0.03
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52															
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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All phases

	Diethanolamine			Dimethyl sulfate			Ethyl benzene			Formaldehyde			Hexachlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A															
ARE 008 67B															
ARE 009 103															
EQT 011 40										< 0.01	0.18	0.04			
EQT 012 45															
EQT 013 48A										< 0.01	< 0.01	< 0.01			
EQT 014 48B										< 0.01	< 0.01	< 0.01			
EQT 015 49										< 0.01	< 0.01	< 0.01			
EQT 016 50A										< 0.01	< 0.01	< 0.01			
EQT 017 50B										< 0.01	< 0.01	< 0.01			
EQT 018 50C										< 0.01	< 0.01	< 0.01			
EQT 019 50D										< 0.01	< 0.01	< 0.01			
EQT 020 50E										< 0.01	< 0.01	< 0.01			
EQT 021 50F										< 0.01	< 0.01	< 0.01			
EQT 022 52										< 0.01	< 0.01	< 0.01			
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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Air - Title V Regular Permit Minor Mod

All phases

	Hexachlorocyclopentadiene			Hexachloroethane			Hydrochloric acid			Hydrofluoric acid			Hydrogen sulfide		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A													0.02	0.02	0.09
ARE 008 67B													0.02	0.02	0.09
ARE 009 103													0.02	0.02	0.08
EQT 011 40															
EQT 012 45															
EQT 013 48A													0.05	0.05	0.21
EQT 014 48B													0.05	0.05	0.21
EQT 015 49															
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52															
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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All phases

	Isophorone			Lead compounds			Manganese (and compounds)			Mercury (and compounds)			Methanol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A										< 0.001	< 0.001	< 0.001			
ARE 008 67B										< 0.001	< 0.001	< 0.001			
ARE 009 103										< 0.001	< 0.001	< 0.001			
EQT 011 40													1.30	1.30	5.70
EQT 012 45															
EQT 013 48A													0.13	0.13	0.57
EQT 014 48B													0.13	0.13	0.57
EQT 015 49													0.54	0.54	2.38
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52													0.56	0.76	2.43
EQT 023 55A													0.06	0.06	0.26
EQT 024 55B													0.06	0.06	0.26
EQT 025 55C													0.06	0.06	0.26

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Air - Title V Regular Permit Minor Mod

All phases

	Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride			Methyl ethyl ketone			Methyl isobutyl ketone		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.04	< 0.01	< 0.01	0.01
ARE 008 67B							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.04	< 0.01	< 0.01	0.01
ARE 009 103							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.03	< 0.01	< 0.01	0.01
EQT 011 40							< 0.01	< 0.01	< 0.01	0.05	0.05	0.23			
EQT 012 45															
EQT 013 48A										0.11	0.11	0.48	< 0.01	< 0.01	< 0.01
EQT 014 48B										0.11	0.11	0.48	< 0.01	< 0.01	< 0.01
EQT 015 49										< 0.01	< 0.01	0.04	< 0.01	< 0.01	< 0.01
EQT 016 50A										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 017 50B										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 018 50C										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 019 50D										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 020 50E										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 021 50F										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 022 52										0.01	0.02	0.05	< 0.01	< 0.01	0.01
EQT 023 55A										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 024 55B										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 025 55C										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01

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Air - Title V Regular Permit Minor Mod

All phases

	Methyl methacrylate			Monomethyl hydrazine			N,N-dimethylbenzenamine			Naphthalene			Nickel (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A															
ARE 008 67B															
ARE 009 103															
EQT 011 40										0.08	0.08	0.35			
EQT 012 45															
EQT 013 48A															
EQT 014 48B															
EQT 015 49															
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52															
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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Air - Title V Regular Permit Minor Mod

All phases

	Phenol			Phosphorus			Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A															
ARE 008 67B															
ARE 009 103															
EQT 011 40															
EQT 012 45															
EQT 013 48A	0.02	0.02	0.10												
EQT 014 48B	0.02	0.02	0.10												
EQT 015 49															
EQT 016 50A															
EQT 017 50B															
EQT 018 50C															
EQT 019 50D															
EQT 020 50E															
EQT 021 50F															
EQT 022 52															
EQT 023 55A															
EQT 024 55B															
EQT 025 55C															

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All phases

	Styrene			Sulfuric acid			Tetrachloroethylene			Toluene			Total reduced sulfur		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A										0.06	0.06	0.26			
ARE 008 67B										0.06	0.06	0.26			
ARE 009 103										0.05	0.05	0.23	< 0.01	< 0.01	< 0.01
EQT 011 40															
EQT 012 45															
EQT 013 48A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 014 48B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 015 49	< 0.01	< 0.01	0.02				< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.01	1.14	1.14	4.97
EQT 016 50A	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 017 50B	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 018 50C	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 019 50D	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 020 50E	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 021 50F	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 022 52	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.02	0.02	0.02	0.13
EQT 023 55A	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 024 55B	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 025 55C	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			

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Air - Title V Regular Permit Minor Mod

All phases

	Trichloroethylene			Vinyl acetate			Vinyl chloride			Xylene (mixed isomers)			Zinc (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A										0.02	0.02	0.09			
ARE 008 67B										0.02	0.02	0.09			
ARE 009 103										0.02	0.02	0.08			
EQT 011 40															
EQT 012 45															
EQT 013 48A										< 0.01	< 0.01	< 0.01			
EQT 014 48B										< 0.01	< 0.01	< 0.01			
EQT 015 49	< 0.01	< 0.01	0.01							< 0.01		0.01			
EQT 016 50A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 017 50B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 018 50C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 019 50D	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 020 50E	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 021 50F	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 022 52										< 0.01	< 0.01	< 0.01			
EQT 023 55A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 024 55B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 025 55C	< 0.01	< 0.01	< 0.01							< 0.01		< 0.01			

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	alpha-Chloroacetophenone			bis(2-ethylhexyl)phthalate			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
ARE 007 67A							< 0.01	< 0.01	0.04
ARE 008 67B							< 0.01	< 0.01	0.04
ARE 009 103							< 0.01	< 0.01	0.04
EQT 011 40									
EQT 012 45									
EQT 013 48A							< 0.01	< 0.01	< 0.01
EQT 014 48B							< 0.01	< 0.01	< 0.01
EQT 015 49							< 0.01	< 0.01	< 0.01
EQT 016 50A									
EQT 017 50B									
EQT 018 50C									
EQT 019 50D									
EQT 020 50E									
EQT 021 50F									
EQT 022 52									
EQT 023 55A							< 0.01	< 0.01	< 0.01
EQT 024 55B							< 0.01	< 0.01	< 0.01
EQT 025 55C							< 0.01	< 0.01	< 0.01

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	1,1,1-Trichloroethane			1,1,2-Trichloroethane			1,2,3,4,6,7,8,9-Octachlorodibenzodioxin			1,2,4-Trichlorobenzene			1,2-Dibromoethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A				< 0.01	< 0.01	< 0.01									
EQT 027 56B				< 0.01	< 0.01	< 0.01									
EQT 028 56C				< 0.01	< 0.01	< 0.01									
EQT 029 61															
EQT 032 68										0.12	0.13	0.54			
EQT 033 69										0.01	0.02	0.06			
EQT 034 70										0.03	0.03	0.11			
EQT 038 74										< 0.01	< 0.01	< 0.01			
EQT 039 75										< 0.01	< 0.01	< 0.01			
EQT 040 78	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 041 79A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 042 79B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 043 79C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 044 79D	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 045 80										0.08	0.12	0.33			
EQT 046 81										0.08	0.12	0.34			
EQT 047 82	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01									
EQT 048 83															

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All phases

	1,2-Dichloroethane			1,2-Dichloropropane			1,2-dichloroethylene			1-methyl, 4-isopropylbenzene			2,2,4-Trimethylpentane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A															
EQT 027 56B															
EQT 028 56C															
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74															
EQT 039 75															
EQT 040 78	< 0.001	< 0.001	< 0.001												
EQT 041 79A	< 0.001	< 0.001	< 0.001												
EQT 042 79B	< 0.001	< 0.001	< 0.001												
EQT 043 79C	< 0.001	< 0.001	< 0.001												
EQT 044 79D	< 0.001	< 0.001	< 0.001												
EQT 045 80															
EQT 046 81															
EQT 047 82	< 0.001	< 0.001	< 0.001												
EQT 048 83															

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Air - Title V Regular Permit Minor Mod

All phases

	2,4-Dinitrophenol			2,4-Dinitrotoluene			2-Methylnaphthalene			4,6 Dinitro-o-cresol			4-Nitrophenol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A															
EQT 027 56B															
EQT 028 56C															
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74															
EQT 039 75															
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82															
EQT 048 83															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Acetaldehyde			Acetophenone			Acrolein			Ammonia			Antimony (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A	< 0.01	< 0.01	0.02												
EQT 027 56B	< 0.01	< 0.01	0.02												
EQT 028 56C	< 0.01	< 0.01	0.02												
EQT 029 61	0.81	0.81	3.56												
EQT 032 68	0.34	0.37	1.49				0.016	0.018	0.072						
EQT 033 69	0.04	0.04	0.18				0.002	0.002	0.009						
EQT 034 70	0.07	0.08	0.31				0.003	0.004	0.015						
EQT 038 74	0.02	0.02	0.09				< 0.001	< 0.001	< 0.001						
EQT 039 75	0.02	0.02	0.09				< 0.001	< 0.001	< 0.001						
EQT 040 78	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 041 79A	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 042 79B	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 043 79C	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 044 79D	< 0.01	< 0.01	< 0.01				< 0.001	< 0.001	< 0.001						
EQT 045 80	1.82	2.80	7.97				0.068	0.105	0.299						
EQT 046 81	1.85	2.80	8.10				0.069	0.105	0.304						
EQT 047 82	< 0.01	< 0.01	< 0.01												
EQT 048 83	< 0.01	< 0.01	< 0.01												

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Air - Title V Regular Permit Minor Mod

All phases

	Arsenic (and compounds)			Barium (and compounds)			Benzene			Benzyl chloride			Beryllium (Table 51.1)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A							< 0.01	< 0.01	< 0.01						
EQT 027 56B							< 0.01	< 0.01	< 0.01						
EQT 028 56C							< 0.01	< 0.01	< 0.01						
EQT 029 61															
EQT 032 68							< 0.01	< 0.01	0.02						
EQT 033 69							< 0.01	< 0.01	< 0.01						
EQT 034 70							< 0.01	< 0.01	< 0.01						
EQT 038 74							< 0.01	< 0.01	< 0.01						
EQT 039 75							< 0.01	< 0.01	< 0.01						
EQT 040 78							< 0.01	< 0.01	< 0.01						
EQT 041 79A							< 0.01	< 0.01	< 0.01						
EQT 042 79B							< 0.01	< 0.01	< 0.01						
EQT 043 79C							< 0.01	< 0.01	< 0.01						
EQT 044 79D							< 0.01	< 0.01	< 0.01						
EQT 045 80															
EQT 046 81															
EQT 047 82							< 0.01	< 0.01	< 0.01						
EQT 048 83							< 0.01	< 0.01	< 0.01						

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All phases

	Biphenyl			Bromoform			Cadmium (and compounds)			Carbon disulfide			Carbon tetrachloride		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A															
EQT 027 56B															
EQT 028 56C															
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74															
EQT 039 75															
EQT 040 78													< 0.01	< 0.01	< 0.01
EQT 041 79A													< 0.01	< 0.01	< 0.01
EQT 042 79B													< 0.01	< 0.01	< 0.01
EQT 043 79C													< 0.01	< 0.01	< 0.01
EQT 044 79D													< 0.01	< 0.01	< 0.01
EQT 045 80															
EQT 046 81															
EQT 047 82															
EQT 048 83															

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All phases

	Carbonyl sulfide			Chlorinated dibenzofurans			Chlorine			Chlorine dioxide			Chlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A													< 0.001	< 0.001	< 0.001
EQT 027 56B													< 0.001	< 0.001	< 0.001
EQT 028 56C													< 0.001	< 0.001	< 0.001
EQT 029 61															
EQT 032 68													0.015	0.016	0.065
EQT 033 69													0.002	0.002	0.008
EQT 034 70													0.003	0.003	0.014
EQT 038 74															
EQT 039 75															
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82													< 0.001	< 0.001	< 0.001
EQT 048 83															

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All phases

	Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds			Copper (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A				0.01	0.01	0.05									
EQT 027 56B				0.01	0.01	0.05									
EQT 028 56C				0.01	0.01	0.05									
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74				< 0.01	< 0.01	< 0.01									
EQT 039 75				< 0.01	< 0.01	< 0.01									
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82				< 0.01	< 0.01	< 0.01									
EQT 048 83															

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All phases

	Cresol			Cumene			Cyanide compounds			Dibutyl phthalate			Dichloromethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A															
EQT 027 56B															
EQT 028 56C															
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74															
EQT 039 75															
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82															
EQT 048 83															

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All phases

	Diethanolamine			Dimethyl sulfate			Ethyl benzene			Formaldehyde			Hexachlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A										< 0.01	< 0.01	< 0.01			
EQT 027 56B										< 0.01	< 0.01	< 0.01			
EQT 028 56C										< 0.01	< 0.01	< 0.01			
EQT 029 61															
EQT 032 68										0.05	0.05	0.22			
EQT 033 69										< 0.01	< 0.01	0.03			
EQT 034 70										0.01	0.01	0.05			
EQT 038 74										< 0.01	< 0.01	< 0.01			
EQT 039 75										< 0.01	< 0.01	< 0.01			
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80										0.36	0.55	1.58			
EQT 046 81										0.37	0.55	1.60			
EQT 047 82															
EQT 048 83															

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All phases

	Hexachlorocyclopentadiene			Hexachloroethane			Hydrochloric acid			Hydrofluoric acid			Hydrogen sulfide		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A													< 0.0001	< 0.0001	0.0007
EQT 027 56B													< 0.001	< 0.0001	0.0007
EQT 028 56C													< 0.001	< 0.0001	0.0007
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74													0.05	0.05	0.21
EQT 039 75													0.05	0.05	0.21
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82															
EQT 048 83															

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All phases

	Isophorone			Lead compounds			Manganese (and compounds)			Mercury (and compounds)			Methanol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A													0.49	0.49	2.15
EQT 027 56B													0.49	0.49	2.15
EQT 028 56C													0.49	0.49	2.15
EQT 029 61													4.56	4.56	19.97
EQT 032 68													0.12	0.13	0.54
EQT 033 69													0.01	0.02	0.06
EQT 034 70													0.03	0.03	0.11
EQT 038 74													0.13	0.13	0.57
EQT 039 75													0.13	0.13	0.57
EQT 040 78													0.06	0.06	0.05
EQT 041 79A													0.06	0.06	0.26
EQT 042 79B													0.06	0.06	0.26
EQT 043 79C													0.06	0.06	0.26
EQT 044 79D													0.06	0.06	0.26
EQT 045 80													1.55	2.39	6.81
EQT 046 81													1.58	2.39	6.92
EQT 047 82													0.02	0.03	0.09
EQT 048 83													2.41	3.30	10.53

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All phases

	Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride			Methyl ethyl ketone			Methyl isobutyl ketone		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A										< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01
EQT 027 56B										< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01
EQT 028 56C										< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01
EQT 029 61										2.50	2.50	10.94			
EQT 032 68										0.02	0.03	0.11	0.02	0.02	0.09
EQT 033 69										< 0.01	< 0.01	0.01	< 0.01	< 0.01	0.01
EQT 034 70										< 0.01	< 0.01	0.02	< 0.01	< 0.01	0.02
EQT 038 74										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 039 75										0.01	0.01	0.05	< 0.01	< 0.01	< 0.01
EQT 040 78										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
EQT 041 79A										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 042 79B										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 043 79C										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 044 79D										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 045 80										0.11	0.18	0.50	0.03	0.05	0.15
EQT 046 81										0.12	0.18	0.51	0.03	0.05	0.15
EQT 047 82										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
EQT 048 83										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01

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All phases

	Methyl methacrylate			Monomethyl hydrazine			N,N-dimethylbenzenamine			Naphthalene			Nickel (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A															
EQT 027 56B															
EQT 028 56C															
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74															
EQT 039 75															
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82															
EQT 048 83															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Phenol			Phosphorus			Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A	0.02	0.02	0.08												
EQT 027 56B	0.02	0.02	0.08												
EQT 028 56C	0.02	0.02	0.08												
EQT 029 61															
EQT 032 68															
EQT 033 69															
EQT 034 70															
EQT 038 74	< 0.01	< 0.01	0.02												
EQT 039 75	< 0.01	< 0.01	0.02												
EQT 040 78															
EQT 041 79A															
EQT 042 79B															
EQT 043 79C															
EQT 044 79D															
EQT 045 80															
EQT 046 81															
EQT 047 82															
EQT 048 83															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Styrene			Sulfuric acid			Tetrachloroethylene			Toluene			Total reduced sulfur		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 027 56B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 028 56C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 029 61															
EQT 032 68	0.03	0.03	0.12				0.04	0.04	0.18	< 0.01	< 0.01	0.03			
EQT 033 69	< 0.01	< 0.01	0.01				< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01	0.02	0.02	0.10
EQT 034 70	< 0.01	< 0.01	0.02				< 0.01	< 0.01	0.04	< 0.01	< 0.01	< 0.01	0.04	0.04	0.17
EQT 038 74	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	0.27	0.27	1.18
EQT 039 75	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01	0.27	0.27	1.18
EQT 040 78	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 041 79A	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 042 79B	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 043 79C	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 044 79D	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01			
EQT 045 80							0.13	0.19	0.55						
EQT 046 81							0.13	0.19	0.56						
EQT 047 82							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.07	0.07	0.29
EQT 048 83										< 0.01	< 0.01	< 0.01	0.07	0.07	0.29

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Trichloroethylene			Vinyl acetate			Vinyl chloride			Xylene (mixed isomers)			Zinc (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 027 56B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 028 56C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 029 61															
EQT 032 68										0.02	0.03	0.10			
EQT 033 69										< 0.01	< 0.01	0.01			
EQT 034 70										< 0.01	< 0.01	0.02			
EQT 038 74										< 0.01	< 0.01	< 0.01			
EQT 039 75										< 0.01	< 0.01	< 0.01			
EQT 040 78	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 041 79A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 042 79B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 043 79C	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 044 79D	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 045 80										0.04	0.06	0.16			
EQT 046 81										0.04	0.06	0.16			
EQT 047 82										< 0.01	< 0.01	< 0.01			
EQT 048 83										< 0.01	< 0.01	0.02			

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	alpha-Chloroacetophenone			bis(2-ethylhexyl)phthalate			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 026 56A							< 0.01	< 0.01	< 0.01
EQT 027 56B							< 0.01	< 0.01	< 0.01
EQT 028 56C							< 0.01	< 0.01	< 0.01
EQT 029 61									
EQT 032 68									
EQT 033 69									
EQT 034 70									
EQT 038 74							< 0.01	< 0.01	< 0.01
EQT 039 75							< 0.01	< 0.01	< 0.01
EQT 040 78							< 0.01	< 0.01	< 0.01
EQT 041 79A							< 0.01	< 0.01	< 0.01
EQT 042 79B							< 0.01	< 0.01	< 0.01
EQT 043 79C							< 0.01	< 0.01	< 0.01
EQT 044 79D							< 0.01	< 0.01	< 0.01
EQT 045 80									
EQT 046 81									
EQT 047 82							< 0.01	< 0.01	< 0.01
EQT 048 83									

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	1,1,1-Trichloroethane			1,1,2-Trichloroethane			1,2,3,4,6,7,8,9-Octachlorodibenzodioxin			1,2,4-Trichlorobenzene			1,2-Dibromoethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106										0.08	0.24	0.35			
EQT 081 107										0.08	0.24	0.35			
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111										0.08	0.24	0.35			
EQT 092 72															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	1,2-Dichloroethane			1,2-Dichloropropane			1,2-dichloroethylene			1-methyl, 4-isopropylbenzene			2,2,4-Trimethylpentane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	2,4-Dinitrophenol			2,4-Dinitrotoluene			2-Methylnaphthalene			4,6 Dinitro-o-cresol			4-Nitrophenol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Acetaldehyde			Acetophenone			Acrolein			Ammonia			Antimony (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84	< 0.01	< 0.01	< 0.01												
EQT 050 85A	0.02	0.02	0.07				< 0.001	< 0.001	0.002						
EQT 051 85B	0.02	0.02	0.07				< 0.001	< 0.001	0.002						
EQT 052 86	< 0.01	< 0.01	< 0.01												
EQT 053 87	0.03	0.05	0.15				0.001	0.001	0.005						
EQT 054 88A															
EQT 055 88B															
EQT 056 89	0.03	0.05	0.15				0.001	0.001	0.005						
EQT 059 93		0.03													
EQT 060 94		0.02													
EQT 079 105	0.18	0.18	0.80				0.006	0.006	0.027						
EQT 080 106	0.07	0.20	0.28				0.004	0.013	0.018						
EQT 081 107	0.07	0.20	0.28				0.004	0.013	0.018						
EQT 082 108	0.18	0.18	0.80				0.006	0.006	0.027						
EQT 083 109															
EQT 084 110															
EQT 085 111	0.07	0.20	0.28				0.004	0.013	0.018						
EQT 092 72		1.78												0.002	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Arsenic (and compounds)			Barium (and compounds)			Benzene			Benzyl chloride			Beryllium (Table 51.1)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84							< 0.01	< 0.01	< 0.01						
EQT 050 85A							< 0.01	< 0.01	< 0.01						
EQT 051 85B							< 0.01	< 0.01	< 0.01						
EQT 052 86							< 0.01	< 0.01	< 0.01						
EQT 053 87							< 0.01	< 0.01	< 0.01						
EQT 054 88A							< 0.01	< 0.01	< 0.01						
EQT 055 88B							< 0.01	< 0.01	< 0.01						
EQT 056 89							< 0.01	< 0.01	< 0.01						
EQT 059 93								< 0.01							
EQT 060 94								< 0.01							
EQT 079 105															
EQT 080 106							< 0.01	< 0.01	0.01						
EQT 081 107							< 0.01	< 0.01	0.01						
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111							< 0.01	< 0.01	0.01						
EQT 092 72		< 0.001			< 0.001									< 0.001	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Biphenyl			Bromoform			Cadmium (and compounds)			Carbon disulfide			Carbon tetrachloride		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72								< 0.001							

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Carbonyl sulfide			Chlorinated dibenzofurans			Chlorine			Chlorine dioxide			Chlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds			Copper (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109				< 0.01	< 0.01	< 0.01									
EQT 084 110				< 0.01	< 0.01	0.02									
EQT 085 111															
EQT 092 72								< 0.001						0.001	

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Cresol			Cumene			Cyanide compounds			Dibutyl phthalate			Dichloromethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72														0.05	

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Air - Title V Regular Permit Minor Mod

All phases

	Diethanolamine			Dimethyl sulfate			Ethyl benzene			Formaldehyde			Hexachlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A										0.02	0.03	0.09			
EQT 055 88B										0.02	0.03	0.09			
EQT 056 89															
EQT 059 93											0.19				
EQT 060 94											0.13				
EQT 079 105										0.07	0.07	0.32			
EQT 080 106															
EQT 081 107															
EQT 082 108										0.07	0.07	0.32			
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72															

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Air - Title V Regular Permit Minor Mod

All phases

	Hexachlorocyclopentadiene			Hexachloroethane			Hydrochloric acid			Hydrofluoric acid			Hydrogen sulfide		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72								3.80						3.85	

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Isophorone			Lead compounds			Manganese (and compounds)			Mercury (and compounds)			Methanol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84													2.41	3.30	10.53
EQT 050 85A													0.31	0.42	1.34
EQT 051 85B													0.31	0.42	1.34
EQT 052 86													2.41	3.30	10.53
EQT 053 87													0.61	0.84	2.67
EQT 054 88A													0.14	0.19	0.61
EQT 055 88B													0.14	0.19	0.61
EQT 056 89													0.61	0.84	2.67
EQT 059 93														0.86	
EQT 060 94														0.56	
EQT 079 105													0.41	0.41	1.81
EQT 080 106				< 0.01	< 0.01	< 0.01							0.13	0.40	0.59
EQT 081 107				< 0.01	< 0.01	< 0.01							0.13	0.40	0.59
EQT 082 108													0.41	0.41	1.81
EQT 083 109															
EQT 084 110															
EQT 085 111				< 0.01	< 0.01	< 0.01							0.13	0.40	0.59
EQT 092 72								< 0.01			0.002			4.34	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride			Methyl ethyl ketone			Methyl isobutyl ketone		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 050 85A										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
EQT 051 85B										< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
EQT 052 86										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 053 87										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 054 88A										< 0.01	< 0.01	< 0.01			
EQT 055 88B										< 0.01	< 0.01	< 0.01			
EQT 056 89										< 0.01	< 0.01	0.02	< 0.01	< 0.01	< 0.01
EQT 059 93											0.02			< 0.01	
EQT 060 94											0.01			< 0.01	
EQT 079 105										0.02	0.02	0.08	< 0.01	< 0.01	0.03
EQT 080 106										< 0.01	0.02	0.03	0.01	0.04	0.05
EQT 081 107										< 0.01	0.02	0.03	0.01	0.04	0.05
EQT 082 108										0.02	0.02	0.08	< 0.01	< 0.01	0.03
EQT 083 109															
EQT 084 110															
EQT 085 111										< 0.01	0.02	0.03	0.01	0.04	0.05
EQT 092 72															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Methyl methacrylate			Monomethyl hydrazine			N,N-dimethylbenzenamine			Naphthalene			Nickel (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72														0.003	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Phenol			Phosphorus			Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84															
EQT 050 85A															
EQT 051 85B															
EQT 052 86															
EQT 053 87															
EQT 054 88A															
EQT 055 88B															
EQT 056 89															
EQT 059 93															
EQT 060 94															
EQT 079 105															
EQT 080 106															
EQT 081 107															
EQT 082 108															
EQT 083 109															
EQT 084 110															
EQT 085 111															
EQT 092 72														< 0.001	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Styrene			Sulfuric acid			Tetrachloroethylene			Toluene			Total reduced sulfur		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84										< 0.01	< 0.01	< 0.01	0.29	0.07	0.07
EQT 050 85A	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 051 85B	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 052 86										< 0.01	< 0.01	< 0.01	0.08	0.89	0.33
EQT 053 87	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 054 88A	< 0.01	< 0.01	< 0.01												
EQT 055 88B	< 0.01	< 0.01	< 0.01												
EQT 056 89	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 059 93		< 0.01									< 0.01			1.51	
EQT 060 94		< 0.01									< 0.01			1.41	
EQT 079 105							0.03	0.03	0.12						
EQT 080 106	0.02	0.06	0.09	< 0.01	< 0.01	< 0.01	0.02	0.05	0.07	< 0.01	< 0.01	< 0.01	0.02	0.06	0.08
EQT 081 107	0.02	0.06	0.09	< 0.01	< 0.01	< 0.01	0.02	0.05	0.07	< 0.01	< 0.01	< 0.01	0.03	0.10	0.15
EQT 082 108							0.03	0.03	0.12						
EQT 083 109															
EQT 084 110															
EQT 085 111	0.02	0.06	0.09	< 0.01	< 0.01	< 0.01	0.02	0.05	0.07	< 0.01	< 0.01	< 0.01	0.02	0.06	0.08
EQT 092 72					1.38			0.04						5.21	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Trichloroethylene			Vinyl acetate			Vinyl chloride			Xylene (mixed isomers)			Zinc (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84										< 0.01	< 0.01	0.02			
EQT 050 85A										< 0.01	< 0.01	< 0.01			
EQT 051 85B										< 0.01	< 0.01	< 0.01			
EQT 052 86										< 0.01	< 0.01	0.02			
EQT 053 87										< 0.01	< 0.01	< 0.01			
EQT 054 88A										< 0.01	< 0.01	< 0.01			
EQT 055 88B										< 0.01	< 0.01	< 0.01			
EQT 056 89										< 0.01	< 0.01	< 0.01			
EQT 059 93											< 0.01				
EQT 060 94											< 0.01				
EQT 079 105										< 0.01	< 0.01	0.04			
EQT 080 106										0.01	0.03	0.05			
EQT 081 107										0.01	0.03	0.05			
EQT 082 108										< 0.01	< 0.01	0.04			
EQT 083 109															
EQT 084 110															
EQT 085 111										0.01	0.03	0.05			
EQT 092 72														0.03	

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	alpha-Chloroacetophenone			bis(2-ethylhexyl)phthalate			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 049 84									
EQT 050 85A									
EQT 051 85B									
EQT 052 86									
EQT 053 87									
EQT 054 88A									
EQT 055 88B									
EQT 056 89									
EQT 059 93									
EQT 060 94									
EQT 079 105									
EQT 080 106									
EQT 081 107									
EQT 082 108									
EQT 083 109									
EQT 084 110									
EQT 085 111									
EQT 092 72									

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Air - Title V Regular Permit Minor Mod

All phases

	1,1,1-Trichloroethane			1,1,2-Trichloroethane			1,2,3,4,6,7,8,9-Octachlorodibenzodioxin			1,2,4-Trichlorobenzene			1,2-Dibromoethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73															
EQT 094 7		< 0.01			< 0.01						< 0.01				
EQT 095 8		< 0.01			< 0.01						< 0.01				
EQT 096 9		< 0.01			< 0.01						< 0.01				
EQT 097 10											< 0.01				
EQT 098 11											< 0.01				
EQT 099 5		< 0.01			< 0.01										
EQT 100 27		< 0.01			< 0.01										
EQT 101 34	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01
EQT 102 37		< 0.01			< 0.01									< 0.01	
EQT 103 38		< 0.01			< 0.01									< 0.01	
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47										< 0.01	< 0.01	< 0.01			
EQT 109 130		0.01			0.03			0.00002			0.01			< 0.01	
EQT 130 158															
EQT 131 159															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	1,2-Dichloroethane			1,2-Dichloropropane			1,2-dichloroethylene			1-methyl, 4-isopropylbenzene			2,2,4-Trimethylpentane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73															
EQT 094 7														< 0.01	
EQT 095 8														< 0.01	
EQT 096 9														< 0.01	
EQT 097 10															
EQT 098 11															
EQT 099 5		< 0.001													
EQT 100 27		< 0.001													
EQT 101 34	0.006	0.006	0.024												
EQT 102 37		0.009													
EQT 103 38		0.006													
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		0.010			< 0.01										
EQT 130 158															
EQT 131 159															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	2,4-Dinitrophenol			2,4-Dinitrotoluene			2-Methylnaphthalene			4,6 Dinitro-o-cresol			4-Nitrophenol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73															
EQT 094 7								< 0.01							
EQT 095 8								< 0.01							
EQT 096 9								< 0.01							
EQT 097 10															
EQT 098 11															
EQT 099 5															
EQT 100 27															
EQT 101 34															
EQT 102 37															
EQT 103 38															
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		< 0.01			< 0.01						< 0.01			< 0.01	
EQT 130 158															
EQT 131 159															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Acetaldehyde			Acetophenone			Acrolein			Ammonia			Antimony (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73		2.05												0.003	
EQT 094 7		0.02						< 0.001			8.30			< 0.001	
EQT 095 8		0.01						< 0.001			5.75			< 0.001	
EQT 096 9		0.01						< 0.001			5.75			< 0.001	
EQT 097 10		0.26						< 0.001							
EQT 098 11		0.21						< 0.001							
EQT 099 5		0.05			< 0.01			0.020							
EQT 100 27		0.02			< 0.01			< 0.001							
EQT 101 34	0.03	0.03	0.11				< 0.001	< 0.001	< 0.001						
EQT 102 37		0.04						< 0.001							
EQT 103 38		0.03						< 0.001							
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47	0.13	0.17	0.55				< 0.001	< 0.001	0.001	8.14	11.18	35.65			
EQT 109 130		0.09			< 0.01			0.042			10.72			0.007	
EQT 130 158															
EQT 131 159															

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All phases

	Arsenic (and compounds)			Barium (and compounds)			Benzene			Benzyl chloride			Beryllium (Table 51.1)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73		< 0.001			< 0.001									< 0.001	
EQT 094 7		< 0.001			0.001			< 0.01						< 0.001	
EQT 095 8		< 0.001			< 0.001			< 0.01						< 0.001	
EQT 096 9		< 0.001			< 0.001			< 0.01						< 0.001	
EQT 097 10		< 0.001			0.001			< 0.01						< 0.001	
EQT 098 11		< 0.001			< 0.001			< 0.01						< 0.001	
EQT 099 5		< 0.001						0.07							
EQT 100 27								< 0.01							
EQT 101 34							< 0.01	< 0.01	< 0.01						
EQT 102 37								< 0.01							
EQT 103 38								< 0.01							
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47							< 0.01	< 0.01	< 0.01						
EQT 109 130		0.005			0.140			0.17			0.06			< 0.001	
EQT 130 158															
EQT 131 159															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Biphenyl			*Bromoform*			*Cadmium (and compounds)*			Carbon disulfide			Carbon tetrachloride		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73								< 0.001							
EQT 094 7								< 0.001			< 0.01				
EQT 095 8								< 0.001			< 0.01				
EQT 096 9								< 0.001			< 0.01				
EQT 097 10								< 0.001			< 0.01				
EQT 098 11								< 0.001			< 0.01				
EQT 099 5								< 0.001			0.04			< 0.01	
EQT 100 27											< 0.01			< 0.01	
EQT 101 34													< 0.01	< 0.01	< 0.01
EQT 102 37														< 0.01	
EQT 103 38														< 0.01	
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		< 0.01			< 0.01			0.002			0.04			< 0.01	
EQT 130 158															
EQT 131 159															

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Air - Title V Regular Permit Minor Mod

All phases

	Carbonyl sulfide			Chlorinated dibenzofurans			Chlorine			Chlorine dioxide			Chlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73															
EQT 094 7														< 0.001	
EQT 095 8														< 0.001	
EQT 096 9														< 0.001	
EQT 097 10															
EQT 098 11															
EQT 099 5														< 0.001	
EQT 100 27														< 0.001	
EQT 101 34							0.58	0.60	2.56	0.33	0.34	1.45	< 0.001	< 0.001	0.001
EQT 102 37								0.98			0.55			< 0.001	
EQT 103 38								0.98			0.55			< 0.001	
EQT 104 39															
EQT 105 42										< 0.01	< 0.01	0.04			
EQT 107 44										0.02	0.02	0.10			
EQT 108 47															
EQT 109 130		< 0.01			0.000002									0.002	
EQT 130 158															
EQT 131 159															

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Air - Title V Regular Permit Minor Mod

All phases

	Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds			Copper (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73								< 0.001						0.002	
EQT 094 7					< 0.01			0.001						< 0.001	
EQT 095 8					< 0.01			< 0.001						< 0.001	
EQT 096 9					< 0.01			< 0.001						< 0.001	
EQT 097 10					< 0.01			< 0.001						0.001	
EQT 098 11					< 0.01			< 0.001						< 0.001	
EQT 099 5					< 0.01			< 0.001						0.001	
EQT 100 27					< 0.01										
EQT 101 34				0.11	0.14	0.47									
EQT 102 37					0.24										
EQT 103 38					2.65										
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		< 0.01			< 0.01			0.009			< 0.01			0.078	
EQT 130 158															
EQT 131 159															

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Cresol			Cumene			Cyanide compounds			Dibutyl phthalate			Dichloromethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73														0.07	
EQT 094 7					< 0.01						0.02			< 0.01	
EQT 095 8					< 0.01						0.01			< 0.01	
EQT 096 9					< 0.01						0.01			< 0.01	
EQT 097 10														< 0.01	
EQT 098 11														< 0.01	
EQT 099 5		0.01			< 0.01						0.01			0.27	
EQT 100 27		0.01												< 0.01	
EQT 101 34	0.01	0.01	0.06	< 0.01	< 0.01	< 0.01									
EQT 102 37		0.02			< 0.01										
EQT 103 38		0.02			< 0.01										
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		0.01			< 0.01			0.21			< 0.01			0.10	
EQT 130 158															
EQT 131 159															

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Diethanolamine			Dimethyl sulfate			Ethyl benzene			Formaldehyde			Hexachlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73															
EQT 094 7								< 0.01			0.24				
EQT 095 8								< 0.01			0.17				
EQT 096 9								< 0.01			0.17				
EQT 097 10											0.26				
EQT 098 11											0.20				
EQT 099 5								< 0.01			0.25				
EQT 100 27								< 0.01			0.07				
EQT 101 34							< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.04			
EQT 102 37								< 0.01			0.01				
EQT 103 38								< 0.01			0.01				
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130					< 0.01			0.01			0.21			< 0.01	
EQT 130 158															
EQT 131 159															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Activity Number: PER20060001
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Air - Title V Regular Permit Minor Mod

All phases

	Hexachlorocyclopentadiene			Hexachloroethane			Hydrochloric acid			Hydrofluoric acid			Hydrogen sulfide		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73								5.27						5.34	
EQT 094 7		< 0.01												0.06	
EQT 095 8		< 0.01												0.04	
EQT 096 9		< 0.01												0.04	
EQT 097 10														0.72	
EQT 098 11														0.57	
EQT 099 5								0.10							
EQT 100 27															
EQT 101 34				0.05	0.05	0.23	0.58	0.60	2.56						
EQT 102 37					0.09			0.98							
EQT 103 38					0.06			0.66							
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		0.03			0.02			28.92			2.49			< 0.01	
EQT 130 158															
EQT 131 159															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Isophorone			Lead compounds			Manganese (and compounds)			Mercury (and compounds)			Methanol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73								< 0.01			0.003			2.89	
EQT 094 7								< 0.01			< 0.001			0.69	
EQT 095 8								< 0.01			< 0.001			0.48	
EQT 096 9								< 0.01			< 0.001			0.48	
EQT 097 10								< 0.01			< 0.001			0.11	
EQT 098 11								< 0.01			< 0.001			0.09	
EQT 099 5								0.02			< 0.001			1.25	
EQT 100 27														0.80	
EQT 101 34													3.30	3.37	14.47
EQT 102 37														5.55	
EQT 103 38														3.73	
EQT 104 39													0.15	0.15	0.65
EQT 105 42															
EQT 107 44															
EQT 108 47													1.00	1.37	4.38
EQT 109 130		0.05			0.02			0.02			0.004			0.94	
EQT 130 158															
EQT 131 159															

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Air - Title V Regular Permit Minor Mod

All phases

	Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride			Methyl ethyl ketone			Methyl isobutyl ketone		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73															
EQT 094 7					< 0.01			< 0.01			< 0.01			< 0.01	
EQT 095 8					< 0.01			< 0.01			< 0.01			< 0.01	
EQT 096 9					< 0.01			< 0.01			< 0.01			< 0.01	
EQT 097 10					< 0.01			0.02			0.30			0.02	
EQT 098 11					< 0.01			0.02			0.24			0.01	
EQT 099 5								0.01			< 0.01			0.06	
EQT 100 27								< 0.01			< 0.01			< 0.01	
EQT 101 34										< 0.01	< 0.01	0.03	< 0.01	< 0.01	< 0.01
EQT 102 37											0.01			< 0.01	
EQT 103 38											< 0.01			< 0.01	
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47										0.02	0.03	0.10	< 0.01	< 0.01	< 0.01
EQT 109 130		< 0.01			0.02			0.01			0.04			< 0.01	
EQT 130 158															
EQT 131 159															

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Air - Title V Regular Permit Minor Mod

All phases

	Methyl methacrylate			Monomethyl hydrazine			N,N-dimethylbenzenamine			Naphthalene			Nickel (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73														0.004	
EQT 094 7											0.03			< 0.001	
EQT 095 8											0.02			< 0.001	
EQT 096 9											0.02			< 0.001	
EQT 097 10											0.30			0.001	
EQT 098 11											0.24			< 0.001	
EQT 099 5											0.04			0.001	
EQT 100 27											0.58				
EQT 101 34															
EQT 102 37															
EQT 103 38															
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		< 0.01			0.01						0.02			1.504	
EQT 130 158															
EQT 131 159															

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

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Air - Title V Regular Permit Minor Mod

All phases

	Phenol			Phosphorus			Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73														< 0.001	
EQT 094 7														< 0.001	
EQT 095 8														< 0.001	
EQT 096 9														< 0.001	
EQT 097 10		< 0.01													
EQT 098 11		< 0.01													
EQT 099 5		< 0.01						0.050			< 0.01				
EQT 100 27		< 0.01									< 0.01				
EQT 101 34	< 0.01	< 0.01	0.03							0.01	0.01	0.06			
EQT 102 37		0.01									0.02				
EQT 103 38		< 0.01									0.01				
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47															
EQT 109 130		< 0.01			0.06			0.207			0.05			3.610	
EQT 130 158															
EQT 131 159															

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Air - Title V Regular Permit Minor Mod

All phases

	Styrene			Sulfuric acid			Tetrachloroethylene			Toluene			Total reduced sulfur		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73					1.92			0.05						8.00	
EQT 094 7		< 0.01						< 0.01			< 0.01			0.08	
EQT 095 8		< 0.01						< 0.01			< 0.01			0.06	
EQT 096 9		< 0.01						< 0.01			< 0.01			0.06	
EQT 097 10		< 0.01						0.08			0.06			1.29	
EQT 098 11		< 0.01						0.06			0.05			1.03	
EQT 099 5		< 0.01						< 0.01			0.01			0.46	
EQT 100 27		< 0.01						< 0.01			< 0.01			0.48	
EQT 101 34	< 0.01	< 0.01	0.02				< 0.01	< 0.01	0.01	< 0.01	< 0.01	< 0.01	0.11	0.11	0.49
EQT 102 37		< 0.01						< 0.01			< 0.01			0.19	
EQT 103 38		< 0.01						< 0.01			< 0.01			0.19	
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47	< 0.01	< 0.01	< 0.01				< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	0.01			
EQT 109 130		< 0.01			1.43			0.02			0.02			0.14	
EQT 130 158				< 0.01	< 0.01	< 0.01									
EQT 131 159				< 0.01	< 0.01	< 0.01									

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All phases

	Trichloroethylene			Vinyl acetate			Vinyl chloride			Xylene (mixed isomers)			Zinc (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73														0.04	
EQT 094 7		< 0.01			< 0.01						< 0.01			< 0.01	
EQT 095 8		< 0.01			< 0.01						< 0.01			< 0.01	
EQT 096 9		< 0.01			< 0.01						< 0.01			< 0.01	
EQT 097 10											0.03			< 0.01	
EQT 098 11											0.03			< 0.01	
EQT 099 5		< 0.01						< 0.01			< 0.01			0.01	
EQT 100 27		< 0.01						< 0.01			< 0.01				
EQT 101 34	< 0.01	< 0.01	< 0.01							< 0.01	< 0.01	< 0.01			
EQT 102 37		< 0.01									< 0.01				
EQT 103 38		< 0.01									< 0.01				
EQT 104 39															
EQT 105 42															
EQT 107 44															
EQT 108 47										< 0.01	< 0.01	< 0.01			
EQT 109 130		< 0.01			< 0.01			< 0.01			< 0.01			0.09	
EQT 130 158															
EQT 131 159															

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All phases

	alpha-Chloroacetophenone			bis(2-ethylhexyl)phthalate			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 093 73									
EQT 094 7								< 0.01	
EQT 095 8								< 0.01	
EQT 096 9								< 0.01	
EQT 097 10								< 0.01	
EQT 098 11								< 0.01	
EQT 099 5								0.16	
EQT 100 27								< 0.01	
EQT 101 34							< 0.01	< 0.01	< 0.01
EQT 102 37								< 0.01	
EQT 103 38								< 0.01	
EQT 104 39									
EQT 105 42									
EQT 107 44									
EQT 108 47									
EQT 109 130		< 0.01			< 0.01			0.07	
EQT 130 158									
EQT 131 159									

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All phases

	1,1,1-Trichloroethane			1,1,2-Trichloroethane			1,2,3,4,6,7,8,9-Octachlorodibenzodioxin			1,2,4-Trichlorobenzene			1,2-Dibromoethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76															
GRP 004 77	< 0.01		< 0.01	< 0.01		< 0.01				< 0.01		0.02			
GRP 005 104										< 0.01		0.01			
GRP 007 123	< 0.01		< 0.01	< 0.01		< 0.01							< 0.01		< 0.01
GRP 009 125															
GRP 015 164	< 0.01		0.03	0.02		0.08	0.0011		0.0004	0.01		0.04	< 0.01		< 0.01
GRP 018 127	**< 0.001**		**0.002**	**< 0.001**		**< 0.001**				**0.169**		**0.739**			

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All phases

	1,2-Dichloroethane			1,2-Dichloropropane			1,2-dichloroethylene			1-methyl, 4-isopropylbenzene			2,2,4-Trimethylpentane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76															
GRP 004 77													< 0.01		< 0.01
GRP 005 104															
GRP 007 123	0.012		0.053												
GRP 009 125															
GRP 015 164	0.008		0.031	< 0.01		0.02	< 0.01		< 0.01	< 0.01		< 0.01			
GRP 018 127	**< 0.001**		**< 0.001**												

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All phases

	2,4-Dinitrophenol			2,4-Dinitrotoluene			2-Methylnaphthalene			4,6 Dinitro-o-cresol			4-Nitrophenol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76															
GRP 004 77							< 0.01		0.02						
GRP 005 104															
GRP 007 123															
GRP 009 125															
GRP 015 164	< 0.01		< 0.01	< 0.01		< 0.01				< 0.01		< 0.01	< 0.01		< 0.01
GRP 018 127															

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All phases

	Acetaldehyde			Acetophenone			Acrolein			Ammonia			Antimony (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165										0.14	0.14	0.60			
FUG 006 113															
FUG 007 114															
GRP 003 76	3.10		13.50										0.004		0.017
GRP 004 77	0.04		0.17				0.001		0.005	16.65		72.93	0.001		0.005
GRP 005 104	0.34		1.49				< 0.001		0.002						
GRP 007 123	0.05		0.24				< 0.001		< 0.001						
GRP 009 125	0.03		0.14												
GRP 015 164	0.08		0.30	< 0.01		< 0.01	0.035		0.139	7.15		31.31	0.006		0.026
GRP 018 127	**0.129**		**0.509**	**0.002**		**0.005**	**0.023**		**0.101**				**0.004**		**0.017**

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All phases

	Arsenic (and compounds)			Barium (and compounds)			Benzene			Benzyl chloride			Beryllium (Table 51.1)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76	< 0.001		0.003	< 0.001		0.004							< 0.001		< 0.001
GRP 004 77	< 0.001		0.002	0.003		0.012	< 0.01		< 0.01				< 0.001		< 0.001
GRP 005 104	< 0.001		0.003	0.001		0.006	< 0.01		0.03				< 0.001		0.002
GRP 007 123							< 0.01		< 0.01						
GRP 009 125							< 0.01		< 0.01						
GRP 015 164	0.004		0.019	0.116		0.483	0.14		0.59	0.048		0.212	0.0002		0.0009
GRP 018 127	**< 0.001**		**0.003**	**< 0.001**		**0.004**	**0.162**		**0.71**				**< 0.001**		

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All phases

	Biphenyl			Bromoform			Cadmium (and compounds)			Carbon disulfide			Carbon tetrachloride		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76							0.001		0.005						
GRP 004 77							< 0.001		0.002	< 0.01		< 0.01			
GRP 005 104							< 0.001		0.003	< 0.01		0.02			
GRP 007 123													< 0.01		< 0.01
GRP 009 125															
GRP 015 164	0.01		< 0.01	< 0.01		0.01	0.005		0.007	0.03		0.13	< 0.01		< 0.01
GRP 018 127										**0.038**		**0.167**	**< 0.001**		**< 0.001**

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All phases

	Carbonyl sulfide			Chlorinated dibenzofurans			Chlorine			Chlorine dioxide			Chlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76															
GRP 004 77													< 0.001		0.001
GRP 005 104															
GRP 007 123							1.26		5.52	0.71		3.12	< 0.001		0.003
GRP 009 125															
GRP 015 164	< 0.01		< 0.01	< 0.00001		0.00001							0.001		0.007
GRP 018 127													**< 0.001**		**< 0.001**

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Air - Title V Regular Permit Minor Mod

All phases

	Chloroethane			Chloroform			Chromium VI (and compounds)			Cobalt compounds			Copper (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113				0.01	0.01	0.05									
FUG 007 114															
GRP 003 76							< 0.001		< 0.01				0.003		0.013
GRP 004 77				< 0.01		< 0.01	0.002		0.01				0.002		0.007
GRP 005 104				< 0.01		< 0.01	< 0.001		< 0.01				0.001		0.006
GRP 007 123				0.23		1.01									
GRP 009 125															
GRP 015 164	< 0.01		0.01	0.01		0.03	0.01		0.031	0.01		0.01	0.070		0.286
GRP 018 127				**0.006**		**0.025**	**0.004**		**0.017**				**0.004**		**0.017**

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Cresol			Cumene			Cyanide compounds			Dibutyl phthalate			Dichloromethane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76													0.11		0.47
GRP 004 77				< 0.01		< 0.01				0.03		0.15	< 0.01		< 0.01
GRP 005 104													< 0.01		< 0.01
GRP 007 123	0.03		0.13	< 0.01		< 0.01									
GRP 009 125															
GRP 015 164	< 0.01		0.04	0.18		0.08	0.17		0.76	< 0.01		0.02	0.09		0.32
GRP 018 127	**0.018**		**0.042**	**0.003**		**0.011**							**0.210**		**0.919**

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Diethanolamine			Dimethyl sulfate			Ethyl benzene			Formaldehyde			Hexachlorobenzene		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114	3.51	3.51	15.36												
GRP 003 76															
GRP 004 77							< 0.01		< 0.01	0.49		2.13			
GRP 005 104										0.33		1.46			
GRP 007 123							< 0.01		< 0.01	0.02		0.08			
GRP 009 125										0.25		1.08			
GRP 015 164				< 0.01		0.01	< 0.01		0.04	0.19		0.71	< 0.01		< 0.01
GRP 018 127							**0.002**		**0.006**	**1.375**		**6.016**			

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Hexachlorocyclopentadiene			Hexachloroethane			Hydrochloric acid			Hydrofluoric acid			Hydrogen sulfide		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76							7.63		33.44				7.73		33.85
GRP 004 77	0.01		0.05										0.12		0.55
GRP 005 104													0.94		4.13
GRP 007 123							1.26		5.52						
GRP 009 125															
GRP 015 164	0.02		0.10	0.02		0.09	24.10		105.56	2.08		9.09	< 0.01		< 0.01
GRP 018 127							**12.490**		**54.704**				**7.73**		**33.84**

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Isophorone			Lead compounds			Manganese (and compounds)			Mercury (and compounds)			Methanol		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76							< 0.01		0.03	0.004		0.017	5.70		25.00
GRP 004 77							< 0.01		< 0.01	< 0.001		< 0.001	1.39		6.08
GRP 005 104							< 0.01		0.02	< 0.001		< 0.001	0.15		0.65
GRP 007 123													7.12		31.20
GRP 009 125													1.11		4.86
GRP 015 164	0.04		0.18	0.02		0.08	0.02		0.06	0.004		0.016	1.45		3.40
GRP 018 127							**0.025**		**0.110**	**0.004**		**0.017**	**8.553**		**34.648**

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Methyl Tertiary Butyl Ether			Methyl bromide			Methyl chloride			Methyl ethyl ketone			Methyl isobutyl ketone		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76															
GRP 004 77				< 0.01		< 0.01	0.02		0.07	< 0.01		< 0.01	< 0.01		< 0.01
GRP 005 104				< 0.01		0.01	0.03		0.14	0.39		1.70	0.02		0.09
GRP 007 123										0.01		0.06	< 0.01		< 0.01
GRP 009 125										0.02		0.11	< 0.01		0.01
GRP 015 164	< 0.01		0.01	0.02		0.06	< 0.01		0.03	0.03		0.13	< 0.01		0.02
GRP 018 127							**0.007**		**0.029**	**0.172**		**0.743**	**0.011**		**0.048**

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Methyl methacrylate			Monomethyl hydrazine			N,N-dimethylbenzenamine			Naphthalene			Nickel (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113							< 0.01	< 0.01	< 0.01						
FUG 007 114															
GRP 003 76													0.006		0.025
GRP 004 77										0.07		0.30	< 0.001		0.004
GRP 005 104										0.39		1.70	0.001		0.006
GRP 007 123															
GRP 009 125															
GRP 015 164	< 0.01		< 0.01	0.01		0.05				0.15		0.63	1.253		5.489
GRP 018 127										**0.457**		**2.002**	**0.007**		**0.029**

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Phenol			Phosphorus			Polynuclear Aromatic Hydrocarbons			Propionaldehyde			Selenium (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76													< 0.001		< 0.001
GRP 004 77													< 0.001		0.002
GRP 005 104	< 0.01		0.02												
GRP 007 123	0.02		0.07							0.03		0.12			
GRP 009 125															
GRP 015 164	< 0.01		0.02	0.05		0.20	0.173		0.756	0.04		0.16	3.008		13.176
GRP 018 127	**0.002**		**0.006**				**0.106**		**0.463**	**0.001**		**0.003**	**< 0.001**		**< 0.001**

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Styrene			Sulfuric acid			Tetrachloroethylene			Toluene			Total reduced sulfur		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76				2.78		12.16	0.08		0.35				9.66		42.32
GRP 004 77	0.02		0.07				< 0.01		< 0.01	< 0.01		< 0.01	0.16		0.72
GRP 005 104	< 0.01		< 0.01				0.10		0.43	0.08		0.36	5.53		24.21
GRP 007 123	< 0.01		0.04				< 0.01		0.02	< 0.01		< 0.01	0.24		1.05
GRP 009 125	< 0.01		< 0.01							< 0.01		< 0.01	1.94		8.49
GRP 015 164	< 0.01		0.01	1.21		5.30	0.01		0.05	0.02		0.07	0.11		0.60
GRP 018 127	**0.082**		**0.360**				**0.080**		**0.348**	**0.043**		**0.189**	**9.63**		**42.16**

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EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	Trichloroethylene			Vinyl acetate			Vinyl chloride			Xylene (mixed isomers)			Zinc (and compounds)		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165															
FUG 006 113															
FUG 007 114															
GRP 003 76													0.06		0.25
GRP 004 77	< 0.01		< 0.01	< 0.01		0.03				< 0.01		< 0.01	0.02		0.07
GRP 005 104										0.04		0.19	< 0.01		0.03
GRP 007 123	< 0.01		< 0.01							< 0.01		< 0.01			
GRP 009 125										< 0.01		< 0.01			
GRP 015 164	< 0.01		0.01	< 0.01		< 0.01	< 0.01		0.01	< 0.01		0.01	0.07		0.31
GRP 018 127	**0.001**		**0.004**				**< 0.001**		**0.002**	**0.071**		**0.313**	**0.067**		**0.292**

EMISSION RATES FOR TAP/HAP & OTHER POLLUTANTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

All phases

	alpha-Chloroacetophenone			bis(2-ethylhexyl)phthalate			n-Hexane		
Subject Item	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year	Avg lb/hr	Max lb/hr	Tons/Year
EQT 136 165									
FUG 006 113									
FUG 007 114									
GRP 003 76									
GRP 004 77				< 0.01		< 0.01	< 0.01		< 0.01
GRP 005 104							< 0.01		< 0.01
GRP 007 123							< 0.01		< 0.01
GRP 009 125									
GRP 015 164	< 0.01		< 0.01	< 0.01		0.02	0.06		0.20
GRP 018 127							**0.135**		**0.592**

Note: Emission rates in bold are from alternate scenarios and are not included in permitted totals

Permit Parameter Totals:

Emission Rates Notes:

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SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT013 48A - Heavy Black Liquor Tank No. 1 (W)

1 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT014 48B - Heavy Black Liquor Tank No. 2 (E)

2 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT016 50A - Bleached High Density Tank No. 1

3 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT017 50B - Bleached High Density Tank No. 2

4 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT018 50C - Bleached High Density Tank No. 3

5 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT019 50D - Bleached High Density Tank No. 4

6 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT020 50E - Bleached High Density Tank No. 5

7 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT021 50F - Bleached High Density Tank No. 6

8 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT022 52 - Lime Mud Precoat Filter

9 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT023 55A - Weak Black Liquor Tank No. 1

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT023 55A - Weak Black Liquor Tank No. 1

10 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT024 55B - Weak Black Liquor Tank No. 2

11 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT025 55C - Weak Black Liquor Tank No. 3

12 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT026 56A - Brownstock H.D. Storage Tank No. 1

13 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT027 56B - Brownstock H.D. Storage Tank No. 2

14 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT028 56C - Brownstock H.D. Storage Tank No. 3

15 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT029 61 - Black Liquor Pond

16 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT030 63 - Gasoline Storage Tank

17 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

18 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

19 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

20 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Shall be equipped with a submerged fill pipe is determined as MACT). [LAC 33:III.5109.A]

EQT031 65 - Paper Broke Cyclones

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT031 65 - Paper Broke Cyclones

21 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
22 Cyclone vents: Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
23 Cyclone vents: Visible emissions monitored by visual inspection/determination weekly. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
24 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy weekly. [LAC 33:III.501.C.6]

EQT032 68 - TM No. 5 Dryer Hood Vent

25 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. (Complies by using sweet natural gas). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified
26 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Record all emissions data in the units of the standard using the averaging time of the standard. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

EQT034 70 - TM No. 5 Wet Scrubber Vent

27 Flow rate monitored by flow rate monitoring device once every four hours. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
28 Flow rate recordkeeping by electronic or hard copy once every four hours. [LAC 33:III.501.C.6]
29 Flow rate >= 500 gallons/min. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
30 Submit report: Due quarterly, by June 30, September 30, December 31, March 31 in accordance with Part 70 General Conditon R. List the hours that the scrubber operated out of the ranges specified. Submit report to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

EQT035 71A - No. 3 & 4 Starch Silo Baghouse

31 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
32 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
33 Filter vents: Visible emissions monitored by visual inspection/determination during loading. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
34 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
35 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including a baghouse (98% removal efficiency) as BACT. [40 CFR 52]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
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EQT036 71B - Wet End Starch Silo Baghouse

36 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

37 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

38 Filter vents: Visible emissions monitored by visual inspection/determination during loading. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

39 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

40 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including a baghouse (98% removal efficiency) as BACT. [40 CFR 52]

EQT037 71C - Bentonite Silo Baghouse

41 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

42 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

43 Filter vents: Visible emissions monitored by visual inspection/determination during loading. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

44 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

45 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including a baghouse (98% removal efficiency) as BACT. [40 CFR 52]

EQT038 74 - Concentrated Liquor Process Tank No. 1

46 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT039 75 - Concentrated Liquor Process Tank No. 2

47 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT041 79A - Caustic/Liquor Tank No. 1

48 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT042 79B - Caustic/Liquor Tank No. 2

SPECIFIC REQUIREMENTS

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EQT042 79B - Caustic/Liquor Tank No. 2

49 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT043 79C - Caustic/Liquor Tank No. 3

50 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT044 79D - Caustic/Liquor Tank No. 4

51 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT047 82 - Green Liquor Stabilization Tank

52 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT048 83 - Green Liquor Clarifier No. 2

53 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT049 84 - Green Liquor Clarifier No. 4

54 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT050 85A - White Liquor Clarifier Feed Tank No. 1

55 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT051 85B - White Liquor Clarifier Feed Tank No. 2

56 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT052 86 - White Liquor Clarifier No. 3

57 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT053 87 - White Liquor Clarifier No. 4

SPECIFIC REQUIREMENTS

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EQT053 87 - White Liquor Clarifier No. 4

58 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT054 88A - White Liquor Storage Tank No. 1

59 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT055 88B - White Liquor Storage Tank No. 2

60 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT056 89 - Weak Wash Storage Tank

61 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT057 91 - Lime Silo Baghouse No. 1

62 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
63 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
64 Filter vents: Visible emissions monitored by visual inspection/determination during loading. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
65 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

EQT058 92 - Lime Silo Baghouse No. 2

66 Filter vents: Visible emissions recordkeeping by electronic or hard copy daily. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
67 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
68 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
69 Filter vents: Visible emissions monitored by visual inspection/determination during loading. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

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EQT061 95 - Batch Chip Silo

70 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additonal control is determined as BACT). [40 CFR 52]

EQT062 96 - Kamyr Chip Bin

71 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

EQT063 97A - Hardwood Chip Silo - Kamyr

72 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

EQT064 97B - Hardwood Chip Silo - ESCO

73 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

EQT065 98 - ESCO Chip Bin Cyclone

74 Cyclone vents: Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

75 Cyclone vents: Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Perform maintenance as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

76 Cyclone vents: Visible emissions monitored by visual inspection/determination weekly. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

77 Cyclone vents: Visible emissions recordkeeping by electronic or hard copy weekly of inspection. [LAC 33:III.501.C.6]

78 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

EQT079 105 - Tissue Machine No. 6 Vacuum Pump Exhaust

79 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

EQT080 106 - Tissue Machine No. 6 TAD Exhaust 1

80 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

81 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

82 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using natural gas as BACT. [40 CFR 52]

83 Shall comply with all applicable provisions of PSD regulations, including using good equipment design & proper combustion techniques as BACT of Carbon monoxide <= 0.18 lb/MMBTU. [40 CFR 52]

84 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including using natural gas as BACT. [40 CFR 52]

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EQT081 107 - Tissue Machine No. 6 TAD Exhaust 2

85 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

86 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

87 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using natural gas as BACT. [40 CFR 52]

88 Shall comply with all applicable provisions of PSD regulations, including using good equipment design & proper combustion techniques as BACT of Carbon monoxide <= 0.18 lb/MMBTU. [40 CFR 52]

89 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including using natural gas as BACT. [40 CFR 52]

EQT082 108 - Tissue Machine No. 6 Mist Elimination System

90 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including a scrubber (85% removal efficiency) as BACT. [40 CFR 52]

EQT083 109- Tissue Machine No. 6 Dust Collection System

91 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including a scrubber (98% removal efficiency) as BACT and emission limits of 1.79 lb/hr and 7.84 tpy. [40 CFR 52]

92 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

93 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

94 Flow rate monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

95 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

96 An excursion or exceedance is defined as flow rates lower than established by stack testing. The minimum flow rate must be established and reported to DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]

97 Flow rate recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

98 Testing and final verification of operational status: Due within 180 days of permit issuance. [40 CFR 64.6(d)]

99 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

100 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

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EQT083 109- Tissue Machine No. 6 Dust Collection System

101 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

102 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

103 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the control efficiency standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

104 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

105 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

106 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

107 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT084 110 - Tissue Machine No. 6 Converting Pulper Exhaust

108 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

EQT085 111 - Tissue Machine No. 6 Yankee Aircap Exhaust

109 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

110 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

111 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using natural gas as BACT. [40 CFR 52]

112 Shall comply with all applicable provisions of PSD regulations, including using good equipment design & proper combustion techniques as BACT of Carbon monoxide <= 0.18 lb/MMBTU. [40 CFR 52]

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EQT085 111 - Tissue Machine No. 6 Yankee Aircap Exhaust

113 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including the use of water spraying as BACT, and emission limits of 1.28 lb/hr and 5.61 tpy. [40 CFR 52]

114 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

115 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

116 Water Spray System Flow rate monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

117 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

118 An excursion or exceedance is defined as flow rates lower than established by stack testing. The minimum flow rate must be established and reported to DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]

119 Water Spray System Flow rate recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

120 Testing and final verification of operational status: Due within 180 days of permit issuance. [40 CFR 64.6(d)]

121 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

122 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

123 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

124 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

125 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the PM-10 emission limitation or the control efficiency standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

126 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

127 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

128 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

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EQT085 111 - Tissue Machine No. 6 Yankee Aircap Exhaust

129 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT092 72 - Recovery Furnace No. 1

130 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

131 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

132 Total suspended particulate <= 4.0 lb/equivalent pulp ton (2.0 kg/equivalent pulp metric ton). [LAC 33:III.2301.D.1.a]
Which Months: All Year Statistical Basis: None specified

133 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

134 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division as specified in LAC 33:III.919 and 918. Submit the results of the source test. [LAC 33:III.2301.D.4.a]

135 Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1. Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter. [LAC 33:III.2301.D.4.a]
Which Months: All Year Statistical Basis: None specified

136 Opacity <= 40 percent, except for one 6-minute period in any 60 consecutive minutes. [LAC 33:III.2301.D.4]
Which Months: All Year Statistical Basis: Six-minute average

137 Annual capacity factor of Natural gas < 10 percent. If this limit is exceeded the NOx standards for 40 CFR 60 Subpart Db apply. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the natural gas capacity factor exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6, 40 CFR 60.44b(c)]
Which Months: All Year Statistical Basis: None specified

138 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the natural gas annual capacity factor each month, as well as the total for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

139 Submit report: Due annually, by the 31st of March. Report the natural gas annual capacity factor for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

140 Annual capacity factor for Natural gas monitored by calculations monthly. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

141 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT). [LAC 33:III.5109.A]

142 Shall comply with all applicable provisions of PSD regulations, including BACT limit (@8% O2) Sulfur dioxide <= 120 ppmv. [40 CFR 52]

143 Shall comply with all applicable provisions of PSD regulations, including using staged combustion, good equipment design and proper combustion techniques as BACT (@8% O2) Nitrogen oxides <= 112 ppmv. [40 CFR 52]

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EQT092 **72 - Recovery Furnace No. 1**

144 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

145 Shall comply with all applicable provisions PSD regulations, including using ESP as BACT and Particulate matter (10 microns or less) <= 0.025 gr/dscf. [40 CFR 52]

146 Shall comply with all applicable provisions of PSD regulations, including BACT of (@ 8% O2) Total reduced sulfur <= 5.0 ppmv. [40 CFR 52]

147 Total suspended particulate <= 0.044 gr/dscf (0.10 g/dscm) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.282(a)(1)(i)]
Which Months: All Year Statistical Basis: None specified

148 Opacity <= 35 percent. Subpart BB. [40 CFR 60.282(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

149 Total reduced sulfur <= 5 ppmv (dry basis) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.283(a)(2)]
Which Months: All Year Statistical Basis: None specified

150 Opacity monitored by continuous opacity monitor (COM) continuously. Set the span of this system at 70 percent opacity. Subpart BB. [40 CFR 60.284(a)(1)]
Which Months: All Year Statistical Basis: None specified

151 Opacity recordkeeping by electronic or hard copy continuously. Subpart BB. [40 CFR 60.284(a)(1)]

152 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

153 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

154 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

155 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

156 Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]

157 Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

158 Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]

159 Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]

160 Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]

161 Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]

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EQT092 72 - Recovery Furnace No. 1

162 Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]

163 Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1)to (b)(3). Subpart BB. [40 CFR 60.285(b)]

164 Determine compliance with the particular matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]

165 Determine compliance with the TRS standards in ¿60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]

166 Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]

167 Particulate matter (10 microns or less) <= 0.044 gr/dscf (0.10 g/dscm), corrected to 8 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(A)]
Which Months: All Year Statistical Basis: None specified

168 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

EQT093 73 - Recovery Furnace No. 2

169 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

170 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

171 Total suspended particulate <= 4.0 lb/equivalent pulp ton (2.0 kg/equivalent pulp metric ton). [LAC 33:III.2301.D.1.a]
Which Months: All Year Statistical Basis: None specified

172 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

173 Submit test results: Due to the Office of Environmental Assessment, Environmental Technology Division as specified in LAC 33:III.919 and 918. Submit the results of the source test. [LAC 33:III.2301.D.4.a]

174 Total suspended particulate monitored by the regulation's specified method(s) at the regulation's specified frequency. Conduct source tests pursuant to the provisions in LAC 33:III.1503.D.2, Table 4, to confirm particulate emissions are less than that specified in LAC 33:III.2301.D.1. Conduct four tests at six month intervals within 24 months of promulgation of LAC 33:III.2301, and one test annually thereafter. [LAC 33:III.2301.D.4.a]
Which Months: All Year Statistical Basis: None specified

175 Opacity <= 40 percent, except for one 6-minute period in any 60 consecutive minutes. [LAC 33:III.2301.D.4]
Which Months: All Year Statistical Basis: Six-minute average

176 Annual capacity factor of Natural gas < 10 percent. If this limit is exceeded the NOx standards for 40 CFR 60 Subpart Db apply. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the natural gas capacity factor exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

177 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the natural gas annual capacity factor each month, as well as the total for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT093 73 - Recovery Furnace No. 2

178 Submit report: Due annually, by the 31st of March. Report the natural gas annual capacity factor for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

179 Annual capacity factor for Natural gas monitored by calculations monthly. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

180 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT). [LAC.33:III.5109.A]

181 Shall comply with all applicable provisions of PSD regulations, including BACT of (@ 8% O2) Total reduced sulfur <= 5.0 ppmv. [40 CFR 52]

182 Shall comply with all applicable provisions of PSD regulations, including BACT limit (@8% O2) Sulfur dioxide <= 120 ppmv. [40 CFR 52]

183 Shall comply with all applicable provisions PSD regulations, including using ESP as BACT and Particulate matter (10 microns or less) <= 0.025 gr/dscf. [40 CFR 52]

184 Shall comply with all applicable provisions of PSD regulations, including using staged combustion, good equipment design and proper combustion techniques as BACT (@8% O2) Nitrogen oxides <= 112 ppmv. [40 CFR 52]

185 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

186 Total suspended particulate <= 0.044 gr/dscf (0.10 g/dscm) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.282(a)(1)(i)]
Which Months: All Year Statistical Basis: None specified

187 Opacity <= 35 percent. Subpart BB. [40 CFR 60.282(a)(1)(ii)]
Which Months: All Year Statistical Basis: None specified

188 Total reduced sulfur <= 5 ppmv (dry basis) corrected to 8 percent oxygen. Subpart BB. [40 CFR 60.283(a)(2)]
Which Months: All Year Statistical Basis: None specified

189 Opacity monitored by continuous opacity monitor (COM) continuously. Set the span of this system at 70 percent opacity. Subpart BB. [40 CFR 60.284(a)(1)]
Which Months: All Year Statistical Basis: None specified

190 Opacity recordkeeping by electronic or hard copy continuously. Subpart BB. [40 CFR 60.284(a)(1)]

191 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

192 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

193 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

194 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

195 Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]

196 Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

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EQT093 73 - Recovery Furnace No. 2

197 Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]

198 Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]

199 Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]

200 Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]

201 Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]

202 Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1)to (b)(3). Subpart BB. [40 CFR 60.285(b)]

203 Determine compliance with the particular matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]

204 Determine compliance with the TRS standards in ¿60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]

205 Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]

206 Particulate matter (10 microns or less) <= 0.044 gr/dscf (0.10 g/dscm), corrected to 8 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(A)]
Which Months: All Year Statistical Basis: None specified

207 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

EQT094 7 - Smelt Tank Scrubber No. 1

208 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

209 Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water or weak wash as the scrubbing medium make up will be accepted as evidence of adequate TRS control. [LAC 33:III.2301.D.3.f]
Which Months: All Year Statistical Basis: Twelve-hour average

210 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301. [LAC 33:III.2301.D.3.i]

211 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT). [LAC 33:III.5109.A]

212 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using wet scrubber as BACT. [40 CFR 52]

213 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

214 Shall comply with all applicable provisions of PSD regulations, including using wet scrubber as BACT of (g/kg BLS fired) Total reduced sulfur <= 0.016 g/kg. [40 CFR 52]

215 Nitrogen oxides: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
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EQT094 7 - Smelt Tank Scrubber No. 1

216 Shall comply with all applicable provisions PSD regulations, including using wet scrubber as BACT and Particulate matter (10 microns or less) <= 0.5 lb/equivalent pulp ton. [40 CFR 52]

217 Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)]
Which Months: All Year Statistical Basis: None specified

218 Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]

219 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]

220 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

EQT095 8 - Smelt Tank Scrubber No. 2, Stack A

221 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

222 Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water or weak wash as the scrubbing medium make up will be accepted as evidence of adequate TRS control. [LAC 33:III.2301.D.3.f]
Which Months: All Year Statistical Basis: Twelve-hour average

223 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301. [LAC 33:III.2301.D.3.i]

224 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT). [LAC 33:III.5109.A]

225 Shall comply with all applicable provisions PSD regulations, including using wet scrubber as BACT and (per eq. pulp ton) Particulate matter (10 microns or less) <= 0.5 lb. [40 CFR 52]

226 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using wet scrubber as BACT. [40 CFR 52]

227 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

228 Shall comply with all applicable provisions of PSD regulations, including using wet scrubber as BACT of (g/kg BLS fired) Total reduced sulfur <= 0.016 g/kg. [40 CFR 52]

229 Nitrogen oxides: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

230 Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)]
Which Months: All Year Statistical Basis: None specified

231 Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]

232 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]

SPECIFIC REQUIREMENTS

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EQT095 8 - Smelt Tank Scrubber No. 2, Stack A

233 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

EQT096 9 - Smelt Tank Scrubber No. 2, Stack B

234 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

235 Total reduced sulfur <= 0.016 g/kg of black liquor solids fired. Alternatively, compliance with the particulate emission limits of LAC 33:III.2301.D.1.b by a scrubbing device employing fresh water or weak wash as the scrubbing medium make up will be accepted as evidence of adequate TRS control. [LAC 33:III.2301.D.3.f]
Which Months: All Year Statistical Basis: Twelve-hour average

236 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301. [LAC 33:III.2301.D.3.i]

237 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart MM is determined to be MACT). [LAC 33:III.5109.A]

238 Shall comply with all applicable provisions PSD regulations, including using wet scrubber as BACT and (per eq. pulp ton) Particulate matter (10 microns or less) <= 0.5 lb. [40 CFR 52]

239 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using wet scrubber as BACT. [40 CFR 52]

240 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

241 Shall comply with all applicable provisions of PSD regulations, including using wet scrubber as BACT of (g/kg BLS fired) Total reduced sulfur <= 0.016 g/kg. [40 CFR 52]

242 Nitrogen oxides: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

243 Particulate matter (10 microns or less) <= 0.20 lb/ton (0.10 kg/Mg) of black liquor solids fired. Subpart MM. [40 CFR 63.862(a)(1)(i)(B)]
Which Months: All Year Statistical Basis: None specified

244 Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]

245 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]

246 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

EQT097 10 - Lime Kiln No. 1 / Scrubber

247 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

248 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

249 Total suspended particulate <= 1.0 lb/equivalent pulp ton (0.5 kg/equivalent pulp metric ton). [LAC 33:III.2301.D.1.c]
Which Months: All Year Statistical Basis: Twelve-hour average

250 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

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EQT097 10 - Lime Kiln No. 1 / Scrubber

251 Total reduced sulfur <= 20 ppm. [LAC 33:III.2301.D.3.d]
Which Months: All Year Statistical Basis: Twelve-hour average

252 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301. [LAC 33:III.2301.D.3.i]

253 The No. 1 Lime Kiln may not operate at more than 110% of the throughput achieved during the most recent compliance stack test. At no time shall the throughput exceed the maximum permitted rate of 340 tons of lime per day. [LAC 33:III.501.C.6]

254 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR Subpart MM is determined to be MACT). [LAC 33:III.5109.A]

255 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using wet scrubber and mud washing as BACT. [40 CFR 52]

256 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

257 Shall comply with all applicable provisions of PSD regulations, including using wet scrubber and mud washing as BACT of Total reduced sulfur <= 8.0 ppmv (@10% O2). [40 CFR 52]

258 Nitrogen oxides: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

259 Shall comply with all applicable provisions of PSD regulations, including using wet scrubber or ESP as BACT and Particulate matter (10 microns or less) <= 0.05 gr/dscf. [40 CFR 52]

260 Total suspended particulate <= 0.066 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen, when gaseous fossil fuel is burned. Subpart BB. [40 CFR 60.282(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified

261 Total reduced sulfur <= 8 ppmv (dry basis) corrected to 10 percent oxygen. Subpart BB. [40 CFR 60.283(a)(5)]
Which Months: All Year Statistical Basis: None specified

262 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

263 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

264 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

265 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

266 Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]

267 Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

268 Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
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EQT097 10 - Lime Kiln No. 1 / Scrubber

269 Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]

270 Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]

271 Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]

272 Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]

273 Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1)to (b)(3). Subpart BB. [40 CFR 60.285(b)]

274 Determine compliance with the particular matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]

275 Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]

276 Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]

277 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

278 Particulate matter (10 microns or less) <= 0.064 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(C)]
Which Months: All Year Statistical Basis: None specified

279 Provide to the DEQ an alternative monitoring request that includes a site-specific monitoring plan, a description of the control device, test results verifying the performance of the control device, the appropriate operating parameters that will be monitored, and the frequency of measuring and recording to establish continuous compliance with the standards. Install, calibrate, operate, and maintain the monitor(s) in accordance with the alternative monitoring request approved by the DEQ. Include in the information submitted to the DEQ proposed performance specifications and quality assurance procedures for the monitors. Monitor the parameters as approved by the DEQ using the methods and procedures in the alternative monitoring request. Subpart MM. [40 CFR 63.864(e)(14)]

280 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]

281 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

EQT098 11 - Lime Kiln No. 2 / Scrubber

282 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

283 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

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284 Total suspended particulate <= 1.0 lb/equivalent pulp ton (0.5 kg/equivalent pulp metric ton). [LAC 33:III.2301.D.1.c]
Which Months: All Year Statistical Basis: Twelve-hour average

285 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

286 Total reduced sulfur <= 20 ppm. [LAC 33:III.2301.D.3.d]
Which Months: All Year Statistical Basis: Twelve-hour average

287 Achieve final compliance with the provisions of LAC 33:III.2301.D.3 as expeditiously as practicable but not more than six years from the effective date of LAC 33:III.2301. [LAC 33:III.2301.D.3.i]

288 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR Subpart MM is determined to be MACT). [LAC 33:III.5109.A]

289 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using wet scrubber and mud washing as BACT. [40 CFR 52]

290 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

291 Shall comply with all applicable provisions PSD regulations, including using ESP as BACT and Particulate matter (10 microns or less) <= 0.033 gr/dscf. [40 CFR 52]

292 Shall comply with all applicable provisions of PSD regulations, including using wet scrubber and mud washing as BACT and Total reduced sulfur <= 8.0 ppmv (@10% O2). [40 CFR 52]

293 Nitrogen oxides: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

294 Total suspended particulate <= 0.066 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen, when gaseous fossil fuel is burned. Subpart BB. [40 CFR 60.282(a)(3)(i)]
Which Months: All Year Statistical Basis: None specified

295 Total reduced sulfur <= 8 ppmv (dry basis) corrected to 10 percent oxygen. Subpart BB. [40 CFR 60.283(a)(5)]
Which Months: All Year Statistical Basis: None specified

296 Total reduced sulfur monitored by continuous emission monitor (CEM) continuously. Monitor the concentration of TRS emissions on a dry basis, except where the provisions of 40 CFR 60.283(a(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at a TRS concentration of 30 ppm. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

297 Total reduced sulfur recordkeeping by electronic or hard copy continuously. Record the concentration of TRS emissions on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

298 Oxygen monitored by continuous emission monitor (CEM) continuously. Monitor the percent of oxygen by volume on a dry basis, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Locate the continuous monitoring system downstream of the control device(s). Set the span at 25 percent oxygen. Subpart BB. [40 CFR 60.284(a)(2)]
Which Months: All Year Statistical Basis: None specified

299 Oxygen recordkeeping by electronic or hard copy continuously. Record the percent of oxygen by volume on a dry basis. Subpart BB. [40 CFR 60.284(a)(2)]

300 Total reduced sulfur recordkeeping by electronic or hard copy daily. Record the 12-hour average TRS concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(1)]

301 Calculate on a daily basis the 12-hour average TRS concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Determine each 12-hour average as the arithmetic mean of the appropriate 12 contiguous 1-hour average total reduced sulfur concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(1)]

302 Oxygen recordkeeping by electronic or hard copy daily. Record the 12-hour average oxygen concentrations for the two consecutive periods of each operating day. Subpart BB. [40 CFR 60.284(c)(2)]

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303 Calculate and record on a daily basis 12-hour average oxygen concentrations for the two consecutive periods of each operating day, except where the provisions of 40 CFR 60.283(a)(1)(iii) or (a)(1)(iv) apply. Ensure that these 12-hour averages correspond to the 12-hour average TRS concentrations under 40 CFR 60.284(c)(1). Determine the 12-hour averages as an arithmetic mean of the appropriate 12 contiguous 1-hour average oxygen concentrations provided by each continuous monitoring system installed under 40 CFR 60.284(a)(2). Subpart BB. [40 CFR 60.284(c)(2)]

304 Submit Report: Due semiannually. Submit reports of any periods of excess emissions as defined in 40 CFR 60.284(d), for the purpose of reports required under 40 CFR 60.7(c). Subpart BB. [40 CFR 60.284(d)]

305 Follow the procedures under 40 CFR 60.13 for installation, evaluation, and operation of the continuous monitoring systems required under 40 CFR 60.284. Subpart BB. [40 CFR 60.284(f)]

306 Use as reference methods and procedures the test methods in appendix A of 40 CFR 60 or other methods and procedures in 40 CFR 60.285, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart BB. [40 CFR 60.285(a)]

307 Determine compliance with the particulate matter standards in 40 CFR 60.282(a)(1) and (3) using the methods and procedures specified in 40 CFR 60.285(b)(1)to (b)(3). Subpart BB. [40 CFR 60.285(b)]

308 Determine compliance with the particular matter standard in 40 CFR 60.282(a)(2) using the methods and procedures specified in 40 CFR 60.285(c)(1) to (c)(3). Subpart BB. [40 CFR 60.285(c)]

309 Determine compliance with the TRS standards in 40 CFR 60.283, except 40 CFR 60.283(a)(1)(vi) and (4), using the methods and procedures specified in 40 CFR 60.285(d)(1) to (d)(3). Subpart BB. [40 CFR 60.285(d)]

310 Determine compliance with the TRS standards in 40 CFR 60.283(a)(1)(vi) and (4) using the methods and procedures specified in 40 CFR 60.285(e)(1) to (e)(4). Subpart BB. [40 CFR 60.285(e)]

311 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

312 Particulate matter (10 microns or less) <= 0.064 gr/dscf (0.15 g/dscm) corrected to 10 percent oxygen. Subpart MM. [40 CFR 63.862(a)(1)(i)(C)]
Which Months: All Year Statistical Basis: None specified

313 Opacity monitored by continuous opacity monitor (COM) continuously. Ensure that each COMS is operated according to the provisions in 40 CFR 63.6(h) and 40 CFR 63.8, and completes a minimum of one cycle of sampling and analyzing for each successive 10-second period as specified in 40 CFR 63.8(c)(4)(i). Reduce the COMS data as specified in 40 CFR 63.8(g)(2). Subpart MM. [40 CFR 63.864(d)]
Which Months: All Year Statistical Basis: None specified

314 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart MM. [40 CFR 63.864(d)]

315 Conduct an initial performance test using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b), except as provided in 40 CFR 63.865(c)(1). Subpart MM. [40 CFR 63.865]

316 Determine compliance using the test methods and procedures specified in 40 CFR 63.865(a) through (d). Subpart MM. [40 CFR 63.865]

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317 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

318 Submit quarterly reports of three-hour excess emissions and reports of emergency conditions, in accordance with LAC 33:I.Chapter 39. [LAC 33:III.1513]

319 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate compliance with the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

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320 Comply with LAC 33:III.1313. [LAC 33:III.2301.D.1.d]

321 Do not exceed the limits set forth in LAC 33:III.1503.C. [LAC 33:III.2301.D.2]

322 Annual average bark firing rates: Equipment/operational data monitored by technically sound method daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

323 Annual bark firing rates: Equipment/operational data recordkeeping by electronic or hard copy daily. Keep records of the average bark firing rate each day, as well as the average of bark firing rates for the last 365 days. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

324 Annual average bark firing rate: Equipment/operational data <= 768 tons/day or <= 294.4 MM BTU/hr. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the annual average of the bark firing rates exceeds the maximum listed in this specific condition for any 365 consecutive day period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

325 Submit report: Due annually, by the 31st of March. Report the annual average of bark firing rates for the preceding 365 days to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

326 The No. 1 Combination Boiler is not authorized to operate after December 31, 2007. Noncompliance with this requirement is a violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the No. 1 Combination Boiler operates after December 31, 2007. [LAC 33:III.501.C.6]

327 Final Shut-Down Equipment/operational data monitored by technically sound method upon occurrence of event. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

328 Final Shut-Down Equipment/operational data recordkeeping by electronic or hard copy once. Keep records of the final shut-down of the No. 1 Combination Boiler. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

329 Submit report: Due 1/31/2008. Report the final shut-down date of the No. 1 Combination Boiler to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

330 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT). [LAC 33:III.5109.A]

331 Shall comply with all applicable provisions PSD regulations, including using wet scrubber as BACT and Particulate matter (10 microns or less) <= 0.10 lb/MMBTU. [40 CFR 52]

332 Shall comply with all applicable provisions of PSD regulations, including BACT limits by using natural gas and wood waste and a scrubber Sulfur dioxide <= 0.73 lb/MMBTU. [40 CFR 52]

333 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT and carbon monoxide<= 1913 tons/yr. [40 CFR 52]

334 Shall comply with all applicable provisions of PSD regulations, including using LNB, (wood waste) Nitrogen oxides <=0.30 lb/MMBTU and (natural gas) Nitrogen oxides <= 0.10 lb/MMBTU. [40 CFR 52]

335 Shall comply with applicable provisions of PSD regulations including controlling HVLC by introducing into the flame zone or with primary fuel. [40 CFR 52]

336 Permittee shall install, operate, and maintain a continous flue gas oxygen monitor in accordance with Attachment A: Use of Flue Gas Oxygen Monitors as BACT for Combustion Controls. [40 CFR 52]

337 Shall comply with all applicable provisions of PSD regulations, including an annual average operating rate of 294.4 MM BTU/hr (bark) and 141.1 MM BTU/hr (Natural gas). [40 CFR 52]

338 Nitrogen oxides <= 0.30 lb/MMBTU (130 ng/J) heat input (expressed as NO2). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.44b]
Which Months: All Year Statistical Basis: Thirty-day rolling average

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339 Conduct performance testing to demonstrate compliance with the nitrogen oxides emission standards in 40 CFR 60.44b by following 40 CFR 60.46b(e) or (f), or following 40 CFR 60.46b(g) and (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

340 Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(1)]
Which Months: All Year Statistical Basis: One-hour average

341 Nitrogen oxides recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(b)(1)]

342 Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]

343 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NOx and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]

344 When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]

345 Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

346 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

347 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

348 Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]

349 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

350 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

351 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

352 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified

353 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]

354 Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
Which Months: All Year Statistical Basis: None specified

355 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

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356 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
Which Months: All Year Statistical Basis: None specified

357 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]

358 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
Which Months: All Year Statistical Basis: None specified

359 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]

360 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
Which Months: All Year Statistical Basis: None specified

361 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]

362 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

363 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

364 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

365 Comply with 40 CFR 63 Subpart DDDDD no later than September 13, 2007. Subpart DDDDD. [40 CFR 63.7495(b)]

366 Hydrochloric acid <= 0.09 lb/MMBTU of heat input. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: None specified

367 Mercury (and compounds) <= 0.000009 lb/MMBTU of heat input. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: None specified

368 Particulate matter (10 microns or less) <= 0.07 lb/MMBTU of heat input. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: None specified

369 Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27 percent. Subpart DDDDD. [40 CFR 63.7500(a)(2)]
Which Months: All Year Statistical Basis: Six-minute average

370 Maintain the minimum sorbent injection rate at or above the operating levels established during the performance test according to 40 CFR 63.7530(c) and 40 CFR 63 Subpart DDDDD Table 7 that demonstrated compliance with the applicable emission limit. Subpart DDDDD. [40 CFR 63.7500(a)(2)]

371 Be in compliance with the emission limits (including operating limits) and work practice standards in 40 CFR 63 Subpart DDDDD at all times, except during periods of startup, shutdown, and malfunction. Subpart DDDDD. [40 CFR 63.7505(a)]

372 Operate and maintain according to the provisions in 40 CFR 63.6(e)(1)(i) at all times. Subpart DDDDD. [40 CFR 63.7505(b)]

373 Demonstrate compliance with any applicable emission limit using performance testing. Fuel analysis may be used if the emission rate calculated according to 40 CFR 63.7530(d) is less than the applicable emission limit. Subpart DDDDD. [40 CFR 63.7505(c)]

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374 Develop a site-specific monitoring plan according to the requirements in 40 CFR 63.7505(d)(1) through (d)(4). Subpart DDDDD. [40 CFR 63.7505(d)]

375 Develop and implement a written startup, shutdown and malfunction plan (SSMP) according to the provisions in 40 CFR 63.6(e)(3). Subpart DDDDD. [40 CFR 63.7505(e)]

376 Demonstrate initial compliance with any applicable emission limit no later than 180 days after the compliance date specified in 40 CFR 63.7495 and according to the applicable provisions in 40 CFR 63.7(a)(2) as cited in 40 CFR 63 Subpart DDDDD Table 10. Subpart DDDDD. [40 CFR 63.7510(d)]

377 Conduct all applicable performance tests according to 40 CFR 63.7520 on an annual basis, unless complying with 40 CFR 63.7515(b) through (d). Subpart DDDDD. [40 CFR 63.7515(a)]

378 Submit performance test and fuel analysis results: *Due within 60 days after the completion of the performance tests or fuel analyses.* Verify that the operating limits have not changed or provide documentation of revised operating parameters established according to 40 CFR 63.7530 and 40 CFR 63 Subpart DDDDD Table 7, as applicable. Ensure that reports for all subsequent performance tests and fuel analyses include all applicable information required in 40 CFR 63.7550. Subpart DDDDD. [40 CFR 63.7515(g)]

379 Conduct all performance tests according to 40 CFR 63.7(c), (d), (f), and (h). Subpart DDDDD. [40 CFR 63.7520(a)]

380 Develop a site-specific test plan according to the requirements in 40 CFR 63.7(c). Subpart DDDDD. [40 CFR 63.7520(a)]

381 Conduct each performance test according to the requirements in 40 CFR 63 Subpart DDDDD Table 5. Subpart DDDDD. [40 CFR 63.7520(b)]

382 Conduct each performance test under the specific conditions listed in 40 CFR 63 Subpart DDDDD Tables 5 and 7. Conduct performance tests at the maximum normal operating load while burning the type of fuel or mixture of fuels that have the highest content of chlorine, mercury, and total selected metals. Demonstrate initial compliance and establish operating limits based on these tests. Conduct more than one performance test if necessary. Subpart DDDDD. [40 CFR 63.7520(d)]

383 Do not conduct performance tests during periods of startup, shutdown or malfunction. Subpart DDDDD. [40 CFR 63.7520(e)]

384 Opacity monitored by continuous opacity monitor (COM) continuously, according to the procedures in 40 CFR 63.7525(b)(1) through (b)(7) by the compliance date specified in 40 CFR 63.7495. Subpart DDDDD. [40 CFR 63.7525(b)]
Which Months: All Year Statistical Basis: None specified

385 *Hydrochloric acid monitored by continuous parameter monitoring system* (CPMS) continuously, according to the procedures in 40 CFR 63.7525(c)(1) through (c)(5) by the compliance date specified in 40 CFR 63.7495. Subpart DDDDD. [40 CFR 63.7525(c)]
Which Months: All Year Statistical Basis: None specified

386 Equipment/operational data monitored by technically sound method continuously. Monitor the sorbent injection rate according to the requirements in 40 CFR 63.7525(h)(1) through (h)(3). Subpart DDDDD. [40 CFR 63.7525(h)]
Which Months: All Year Statistical Basis: None specified

387 Demonstrate initial compliance with each applicable emission limit and work practice standard by either conducting initial performance tests and establishing operating limits, as applicable, according to 40 CFR 63.7520(c) and Tables 5 and 7; or conducting initial fuel analyses to determine emission rates and establishing operating limits, as applicable, according to 40 CFR 63.7521(d) and Tables 6 and 8. Subpart DDDDD. [40 CFR 63.7530(a)]

388 Establish each applicable site-specific operating limit in 40 CFR 63 Subpart DDDDD Tables 2 through 4 according to the requirements in 40 CFR 63.7520, Table 7, and 40 CFR 63.7530(c)(4), as applicable. Subpart DDDDD. [40 CFR 63.7530(c)]

389 Monitor and collect data according to 40 CFR 63.7535 and the site-specific monitoring plan required by 40 CFR 63.7505(d). Subpart DDDDD. [40 CFR 63.7535(a)]

390 Do not operate above any of the applicable maximum operating limits or below any of the applicable minimum operating limits listed in 40 CFR 63 Subpart DDDDD Tables 2 through 4 at all times except during periods of startup, shutdown, malfunction, or during performance tests following the date on which the initial performance test is completed or is required to be completed under 40 CFR 63.7 and 63.7510, whichever date comes first. Subpart DDDDD. [40 CFR 63.7540(a)(1)]

391 Fuel recordkeeping by electronic or hard copy continuously. Keep records of the type and amount of all fuels burned during the reporting period to demonstrate that all fuel types and mixtures of fuels burned would either result in lower emissions of TSM, HCl, and mercury, than the applicable emission limit for each pollutant (if demonstrating compliance through fuel analysis), or result in lower fuel input of TSM, chlorine, and mercury than the maximum values calculated during the last performance tests (if demonstrating compliance through performance testing). Subpart DDDDD. [40 CFR 63.7540(a)(2)]

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EQT099 5 - Combination Boiler No. 1

392 Recalculate the maximum chlorine input using Equation 5 of 40 CFR 63.7530, if planning to burn a new type of fuel type or a new mixture of fuels. If the results of recalculating the maximum chlorine input using Equation 5 of 40 CFR 63.7530 are higher than the maximum chlorine input level established during the previous performance test, conduct a new performance test within 60 days of burning the new fuel type or fuel mixture according to the procedures in 40 CFR 63.7520 to demonstrate that the HCl emissions do not exceed the emission limit. Establish new operating limits based on this performance test according to the procedures in 40 CFR 63.7530(c). Subpart DDDDD. [40 CFR 63.7540(a)(4)]

393 Recalculate the maximum TSM input using Equation 6 of 40 CFR 63.7530, if planning to burn a new type of fuel or a new mixture of fuels. If the results of recalculating the maximum total selected metals input using Equation 6 of 40 CFR 63.7530 are higher than the maximum TSM input level established during the previous performance test, conduct a new performance test within 60 days of burning the new fuel type or fuel mixture according to the procedures in 40 CFR 63.7520 to demonstrate that the TSM emissions do not exceed the emission limit. Establish new operating limits based on this performance test according to the procedures in 40 CFR 63.7530(c). Subpart DDDDD. [40 CFR 63.7540(a)(6)]

394 Recalculate the maximum mercury input using Equation 7 of 40 CFR 63.7530, if planning to burn a new type of fuel or a new mixture of fuels. If the results of recalculating the maximum mercury input using Equation 7 of 40 CFR 63.7530 are higher than the maximum mercury input level established during the previous performance test, conduct a new performance test within 60 days of burning the new fuel type or fuel mixture according to the procedures in 40 CFR 63.7520 to demonstrate that the mercury emissions do not exceed the emission limit. Establish new operating limits based on this performance test according to the procedures in 40 CFR 63.7530(c). Subpart DDDDD. [40 CFR 63.7540(a)(8)]

395 Demonstrate continuous compliance with each applicable emission limit, operating limit, and work practice standard in 40 CFR 63 Subpart DDDDD Tables 1 through 4 according to the methods specified in 40 CFR 63 Subpart DDDDD Table 8 and 40 CFR 63.7540(a)(1) through (a)(10). Subpart DDDDD. [40 CFR 63.7540(a)]

396 Report each instance in which emission limits, operating limits, and work practice standards in 40 CFR 63 Subpart DDDDD Tables 1 through 4 are not met; and each instance during a startup, shutdown or malfunction when emission limits, operating limits, and work practice standards are not met. Report according to the requirements in 40 CFR 63.7550. Subpart DDDDD. [40 CFR 63.7540(b)]

397 Operate in accordance with the SSMP as required by 40 CFR 63.7505(e) during periods of startup, shutdown, and malfunction. Subpart DDDDD. [40 CFR 63.7540(c)]

398 Submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), and 63.9(b) through (h) by the dates specified, as specified in 40 CFR 63.7545(b) through (e), as applicable. Subpart DDDDD. [40 CFR 63.7545(a)]

399 Submit notification of intent to conduct a performance test at least 30 days before the performance test is scheduled to begin, if required to conduct a performance test. Subpart DDDDD. [40 CFR 63.7545(d)]

400 Submit Report: Due if there is a startup, shutdown or malfunction during the reporting period that is not consistent with the startup, shutdown and malfunction plan, and any applicable emission limitation in the relevant emission standard is exceeded. Submit startup, shutdown and malfunction report within 2 working days by fax or telephone after starting actions inconsistent with the startup, shutdown or malfunction plan; and within 7 working days by letter after the end of the event unless alternate arrangements have been made with DEQ. Include actions taken for the event, and the information specified in 40 CFR 63.10(d)(5)(ii). Subpart DDDDD. [40 CFR 63.7550(a)]

401 Submit compliance status report: Due semiannually, by the 31st of January and July. Submit the compliance report according to 40 CFR 63.7550(b)(1) through (b)(5). Include the information specified in 40 CFR 63.7550(c) through (e), as applicable. Subpart DDDDD. [40 CFR 63.7550]

402 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.7555(a) through (e), as applicable. Subpart DDDDD. [40 CFR 63.7555]

403 Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Subpart DDDDD. [40 CFR 63.7560(a)]

404 Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record and keep on site for at least 2 years, as specified in 40 CFR 63.10(b)(1). Subpart DDDDD. [40 CFR 63.7560]

EQT100 27 - Power Boiler No. 5

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT100 27 - Power Boiler No. 5

405 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes (Complies by using sweet natural gas as fuel). [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

406 Equipment/operational data recordkeeping by electronic or hard copy continuously. Record and keep on site for at least two years the data required to demonstrate exemption from the provisions of LAC 33:III.Chapter 15. Make records available to a representative of DEQ or the U.S. EPA on request. [LAC 33:III.1513]

407 Equipment/operational data monitored by technically sound method continuously. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

408 HVLC gas burning: Equipment/operational data <= 29 day(s). Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if HVLC gas burning exceeds the maximum listed in this specific condition for any calendar year. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

409 HVLC gas burning: Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total number of days of HVLC gas burning each month, as well as the total days of HVLC gas burning for the calendar year. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

410 HVLC gas burning: Submit report: Due annually, by the 31st of March. Report the total number of days of HVLC gas burning for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

411 Particulate matter (10 microns or less): Shall comply with all applicable provisions PSD regulations, including using natural gas as BACT. [40 CFR 52]

412 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design and proper combustion techniques as BACT. [40 CFR 52]

413 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using natural gas as BACT. [40 CFR 52]

414 Permittee shall install, operate, and maintain a continous flue gas oxygen monitor in accordance with Attachment A: Use of Flue Gas Oxygen Monitors as BACT for Combustion Controls. [40 CFR 52]

415 Shall comply with all applicable provisions of PSD regulations, including using LNB as BACT, and (natural gas) Nitrogen oxides <= 0.10 lb/MMBTU. [40 CFR 52]

416 Particulate matter (10 microns or less) <= 0.10 lb/MMBTU (43 nanograms per joule) heat input derived from fossil fuel or fossil fuel and wood reside. Subpart D. [40 CFR 60.42(a)(1)]
Which Months: All Year Statistical Basis: None specified

417 Opacity <= 20 percent except for one six-minute period per hour of not more than 27 percent opacity. Subpart D. [40 CFR 60.42(a)(2)]
Which Months: All Year Statistical Basis: Six-minute average

418 Particulate matter (10 microns or less) <= 0.10 lb/MMBTU. [40 CFR 60.42(a)]

419 Nitrogen oxides <= 0.20 lb/MMBTU. Subpart D. [40 CFR 60.44(a)(1)]
Which Months: All Year Statistical Basis: None specified

420 Submit excess emission and monitoring system performance reports: Due semiannually for each six-month period in the calendar year. Postmark all semiannual reports by the 30th day following the end of each six-month period. Include the information required in 40 CFR 60.7(c). Subpart D. [40 CFR 60.45(g)]

421 Opacity monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

422 Nitrogen oxides monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT100 27 - Power Boiler No. 5

423 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously, except as provided in 40 CFR 60.45(b). Convert the data to the units of the applicable standard as specified in 40 CFR 60.45(e) and (f). Subpart D. [40 CFR 60.45]
Which Months: All Year Statistical Basis: None specified

424 Conduct the performance tests required in 40 CFR 60.8 using as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.46, except as provided in 40 CFR 60.8(b). Subpart D. [40 CFR 60.46(a)]

425 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. (Backup control device) Subpart S. [40 CFR 63.443(d)(4)(i)]

EQT101 34 - Bleach Plant No. 3 Scrubber Vent

426 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT). [LAC 33:III.5109.A]

427 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

428 Total reduced sulfur: Shall comply with all applicable provisions of PSD regulations. No additonal controls is determined as BACT. [40 CFR 52]

429 Achieve compliance with the bleach plant provisions of 40 CFR 63.445 as expeditiously as practicable, but in no event later than 3 years after the promulgation of the revised effluent limitation guidelines and standards under 40 CFR 430.14 through 430.17 and 40 CFR 430.44 through 430.47. Subpart S. [40 CFR 63.440(d)(2)]

430 Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]

431 Outlet concentration: Total Chlorinated HAP <= 10 ppmv (not including chloroform). Subpart S. [40 CFR 63.445(c)(2)]
Which Months: All Year Statistical Basis: None specified

432 Use no hypochlorite or chlorine for bleaching in the bleaching system or line, to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(2)]

433 Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(e). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]

434 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

435 Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a car seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]

436 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified

437 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]

438 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

439 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
Which Months: All Year Statistical Basis: None specified

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT101 34 - Bleach Plant No. 3 Scrubber Vent

440 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]

441 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
Which Months: All Year Statistical Basis: None specified

442 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]

443 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
Which Months: All Year Statistical Basis: None specified

444 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]

445 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

446 Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]

447 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

448 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

EQT102 37 - Bleach Plant No. 1 Scrubber Vent

449 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT). [LAC 33:III.5109.A]

450 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

451 Total reduced sulfur: Shall comply with all applicable provisions of PSD regulations. No additional controls is determined as BACT. [40 CFR 52]

452 Achieve compliance with the bleach plant provisions of 40 CFR 63.445 as expeditiously as practicable, but in no event later than 3 years after the promulgation of the revised effluent limitation guidelines and standards under 40 CFR 430.14 through 430.17 and 40 CFR 430.44 through 430.47. Subpart S. [40 CFR 63.440(d)(2)]

453 Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]

454 Outlet concentration: Total Chlorinated HAP <= 10 ppmv (not including chloroform). Subpart S. [40 CFR 63.445(c)(2)]
Which Months: All Year Statistical Basis: None specified

455 Use no hypochlorite or chlorine for bleaching in the bleaching system or line, to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(2)]

456 Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(e). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT102 37 - Bleach Plant No. 1 Scrubber Vent

457 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

458 Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a car seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]

459 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified

460 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]

461 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

462 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
Which Months: All Year Statistical Basis: None specified

463 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]

464 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
Which Months: All Year Statistical Basis: None specified

465 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]

466 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
Which Months: All Year Statistical Basis: None specified

467 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]

468 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

469 Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]

470 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

471 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

EQT103 38 - Bleach Plant No. 2 Scrubber Vent

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT103 38 - Bleach Plant No. 2 Scrubber Vent

472 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined to be MACT). [LAC 33:III.5109.A]

473 Carbon monoxide: Shall comply with all applicable provisions of PSD regulations, including using good equipment design as BACT. [40 CFR 52]

474 Total reduced sulfur: Shall comply with all applicable provisions of PSD regulations. No additional control is determined as BACT. [40 CFR 52]

475 Achieve compliance with the bleach plant provisions of 40 CFR 63.445 as expeditiously as practicable, but in no event later than 3 years after the promulgation of the revised effluent limitation guidelines and standards under 40 CFR 430.14 through 430.17 and 40 CFR 430.44 through 430.47. Subpart S. [40 CFR 63.440(d)(2)]

476 Enclose and vent the equipment into a closed-vent system and route the equipment to a control device that meets the requirements specified in 40 CFR 63.445(c), at each bleaching stage of the bleaching systems listed in 40 CFR 63.445(a) where chlorinated compounds are introduced. Subpart S. [40 CFR 63.445(b)]

477 Outlet concentration: Total Chlorinated HAP <= 10 ppmv (not including chloroform). Subpart S. [40 CFR 63.445(c)(2)]
Which Months: All Year Statistical Basis: None specified

478 Use no hypochlorite or chlorine for bleaching in the bleaching system or line, to reduce chloroform air emissions to the atmosphere. Subpart S. [40 CFR 63.445(d)(2)]

479 Enclosure: Ensure that each enclosure maintains negative pressure at each enclosure or hood opening as demonstrated by the procedures specified in 40 CFR 63.457(e). Maintain each enclosure or hood opening, closed during the initial performance test specified in 40 CFR 63.457(a), in the same closed and sealed position as during the performance test at all times except when necessary to use the opening for sampling, inspection, maintenance, or repairs. Subpart S. [40 CFR 63.450(b)]

480 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

481 Closed-vent System (bypass lines): Maintain the bypass line valve in the closed position with a car seal or a seal placed on the valve or closure mechanism in such a way that valve or closure mechanism cannot be opened without breaking the seal. Subpart S. [40 CFR 63.450(d)(2)]

482 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified

483 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]

484 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

485 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
Which Months: All Year Statistical Basis: None specified

486 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]

487 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
Which Months: All Year Statistical Basis: None specified

488 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT103 38 - Bleach Plant No. 2 Scrubber Vent

489 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
Which Months: All Year Statistical Basis: None specified

490 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]

491 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

492 Operate in a manner consistent with the minimum or maximum (as appropriate) operating parameter value or procedure required to be monitored under 40 CFR 63.453(a) through (n) and established under 40 CFR 63 Subpart S. Subpart S. [40 CFR 63.453(o)]

493 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

494 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

495 Submit report: Due with the initial notification report specified under 40 CFR 63.9(b)(2) and 40 CFR 63.455(a). Submit a non-binding control strategy report containing, at a minimum, the information specified in 40 CFR 63.455(b)(1) through (b)(3) in addition to the information required in 40 CFR 63.9(b)(2). Update every two years thereafter. Subpart S. [40 CFR 63.455(b)]

EQT104 39 - Methanol Storage Tank

496 Equip with a submerged fill pipe. [LAC 33:III.2103.A]

497 Determine VOC maximum true vapor pressure using the methods in LAC 33:III.2103.H.3.a-e. [LAC 33:III.2103.H.3]

498 Equipment/operational data recordkeeping by electronic or hard copy continuously. Keep records of the information specified in LAC 33:III.2103.I.1 - 7, as applicable. [LAC 33:III.2103.I]

EQT109 130 - No. 6 CFB Boiler

499 Opacity <= 20 percent, except during the cleaning of a fire box or building of a new fire, soot blowing or lancing, charging of an incinerator, equipment changes, ash removal or rapping of precipitators, which may have an opacity in excess of 20 percent for not more than one six-minute period in any 60 consecutive minutes. [LAC 33:III.1101.B]
Which Months: All Year Statistical Basis: None specified

500 VOC, Total: Shall comply with all applicable provisions of PSD regulations, including no further control as LAER. [40 CFR 52]

501 Sulfur dioxide: Shall comply with all applicable provisions of PSD regulations, including using limestone injection and ash recirculation as BACT and sulfur dioxide<= 0.20 lbs SO2/MMBTU. [40 CFR 52]

502 Sulfur dioxide <= 0.2 lb/MMBTU (87 ng/J) heat input, as determined using the specified equation. Except as provided in 40 CFR 60.42b(i), the sulfur dioxide emission limits apply at all times, including periods of startup, shutdown, and malfunction. Subpart Db. [40 CFR 60.42b]
Which Months: All Year Statistical Basis: Thirty-day rolling average

503 Particulate matter (10 microns or less) <= 0.05 lb/MMBTU (22 ng/J) heat input. The particulate matter standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(a)(1)]
Which Months: All Year Statistical Basis: None specified

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504 Opacity <= 20 percent, except for one 6-minute period per hour of not more than 27% opacity. The opacity standards apply at all times, except during periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.43b(f)]
Which Months: All Year Statistical Basis: Six-minute average

505 Nitrogen oxides <= 0.70 lb/MMBTU (300 ng/J) heat input (expressed as NO2). The nitrogen oxide standards apply at all times, including periods of startup, shutdown, or malfunction. Subpart Db. [40 CFR 60.44b]
Which Months: All Year Statistical Basis: Thirty-day rolling average

506 Conduct performance testing to demonstrate compliance with the nitrogen oxides emission standards in 40 CFR 60.44b by following 40 CFR 60.46b(e) or (f), or following 40 CFR 60.46b(g) and (h), as applicable. Subpart Db. [40 CFR 60.46b(c)]

507 Conduct an initial performance test as required under 40 CFR 60.8 to demonstrate compliance with the particulate matter emission limits and opacity limits under 40 CFR 60.43b following the procedures and reference methods specified in 40 CFR 60.46b(d)(1) through (d)(7). Subpart Db. [40 CFR 60.46b(d)]

508 Oxygen or Carbon dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Subpart Db. [40 CFR 60.47b(a)]
Which Months: All Year Statistical Basis: One-hour average

509 Oxygen or Carbon dioxide recordkeeping by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Subpart Db. [40 CFR 60.47b(a)]

510 Sulfur dioxide recordkeeping by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Subpart Db. [40 CFR 60.47b(a)]

511 Sulfur dioxide monitored by continuous emission monitor (CEM) continuously at the inlet and outlet of the sulfur dioxide control device. Calculate sulfur dioxide emission rates as specified in 40 CFR 60.47b(d). (Comply with the 87 ng/J (0.20 lb/MMBtu) discharge limit at ¿60.42b(k) by continuous emissions monitoring at the discharge to atmosphere (stack).) Subpart Db. [40 CFR 60.47b(a)]
Which Months: All Year Statistical Basis: One-hour average

512 *Obtain SO2 emission data for at least 75 percent of the operating hours in at least 22 out of 30 successive boiler operating days.* If this minimum data requirement is not met with a single monitoring system, supplement the emission data with data collected with other monitoring systems as approved by DEQ or the reference methods and procedures as described in 40 CFR 60.47b(b). Subpart Db. [40 CFR 60.47b(c)]

513 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.47b(e)(1) through (3) for installation, evaluation, and operation of the SO2 CEMS. Subpart Db. [40 CFR 60.47b(e)]

514 Opacity monitored by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]
Which Months: All Year Statistical Basis: Six-minute average

515 Opacity recordkeeping by continuous opacity monitor (COM) continuously. Subpart Db. [40 CFR 60.48b(a)]

516 Nitrogen oxides monitored by CMS continuously. Calculate nitrogen oxides emission rates as specified in 40 CFR 60.48b(d). Subpart Db. [40 CFR 60.48b(b)(1)]
Which Months: All Year Statistical Basis: One-hour average

517 Nitrogen oxides recordkeeping by CMS continuously. Subpart Db. [40 CFR 60.48b(b)(1)]

518 NOx CEMS performance evaluation data reported to meet the requirements of 40 CFR 60.49b shall not include data substituted using the missing data procedures in 40 CFR 75 Subpart D, nor shall the data have been bias adjusted according to the procedures of 40 CFR 75. Subpart Db. [40 CFR 60.48b(b)(2)]

519 Operate NOx continuous monitoring systems and record data during all periods of operation of the affected facility except for continuous monitoring system breakdowns and repairs. Record data during calibration checks, and zero and span adjustments. Subpart Db. [40 CFR 60.48b(c)]

520 Follow the procedures under 40 CFR 60.13 and 40 CFR 60.48b(e)(1) through (e)(3) for installation, evaluation, and operation of the NOx and opacity continuous monitoring systems. Subpart Db. [40 CFR 60.48b(e)]

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521 When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, obtain emission data by using standby monitoring systems, 40 CFR 60, Appendix A, Method 7, Method 7a, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days. Subpart Db. [40 CFR 60.48b(f)]

522 Comply with the provisions of 40 CFR 60.48b(b), (c), (d), (e)(2), (e)(3), and (f), or monitor steam generating unit operating conditions and predict nitrogen oxides emission rates as specified in a plan submitted pursuant to 60.49b(c). Subpart Db. [40 CFR 60.48b(g)]

523 Submit notification: Due as provided by 40 CFR 60.7. Submit a notification of the actual date of initial startup including design heat input capacity of the affected facility, identification of fuels to be combusted, copy of any federally enforceable requirement limiting annual capacity factor, and all other data as specified in 40 CFR 60.49b(a)(1) through (a)(4). Subpart Db. [40 CFR 60.49b(a)]

524 Submit the performance test data from the initial performance test and the performance evaluation of the CEMS using the applicable performance specifications in 40 CFR 60 Appendix B to DEQ. Subpart Db. [40 CFR 60.49b(b)]

525 Fuel rate recordkeeping by electronic or hard copy daily. Record the amounts of each fuel combusted during each day and calculate the annual capacity factor individually for coal, distillate oil, residual oil, natural gas, wood, and municipal-type solid waste for the reporting period. Determine the annual capacity factor on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month. Subpart Db. [40 CFR 60.49b(d)]

526 Opacity recordkeeping by electronic or hard copy continuously. Subpart Db. [40 CFR 60.49b(f)]

527 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of the information listed in 40 CFR 60.49b(g)(1) through (g)(10) for each steam generating unit operating day, except as provided under 40 CFR 60.49b(p). Subpart Db. [40 CFR 60.49b(g)]

528 Submit excess emissions report: Due by the 30th day following the end of each six-month period. Report any excess emissions which occurred during the reporting period. Subpart Db. [40 CFR 60.49b(h)]

529 Submit reports containing the nitrogen dioxide emission rate information recorded under 40 CFR 60.49b(g). Subpart Db. [40 CFR 60.49b(i)]

530 Submit a report to DEQ containing the sulfur dioxide emission rate information listed in 40 CFR 60.49b(k)(1) through (k)(11). Subpart Db. [40 CFR 60.49b(k)]

531 Submit the information listed in 40 CFR 60.49b(m)(1) through (m)(4) in addition to that required under 40 CFR 60.49b(k), for facilities for which the minimum amount of SO2 data required under 40 CFR 60.47b(f) were not obtained during the reporting period. Subpart Db. [40 CFR 60.49b(m)]

532 Submit the information listed in 40 CFR 60.49b(m)(1) through (m)(4) in addition to that required under 40 CFR 60.49b(k), for facilities for which the minimum amount of SO2 data required under 40 CFR 60.47b(f) were not obtained during the reporting period. Subpart Db. [40 CFR 60.49b(m)]

533 Maintain all records required under 40 CFR 60.49b for a period of 2 years following the date of such record. Subpart Db. [40 CFR 60.49b(o)]

534 Ensure that this control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

535 Closed-vent System: Ensure that each component is designed for and operated with no detectable leaks as indicated by an instrument reading of less than 500 parts per million by volume above background, as measured by the procedures specified in 40 CFR 63.457(d). Subpart S. [40 CFR 63.450(c)]

536 Closed vent system: Seal or closure mechanism monitored by visual inspection/determination once every 30 days. Inspect the closure mechanism specified in 40 CFR 63.450(b) to ensure the opening is maintained in the closed position and sealed. Subpart S. [40 CFR 63.453(k)(1)]
Which Months: All Year Statistical Basis: None specified

537 Closed vent system: Seal or closure mechanism recordkeeping by electronic or hard copy once every 30 days. Record the results of the enclosure opening closure mechanism inspection specified in 40 CFR 453(k)(1). Subpart S. [40 CFR 63.453(k)(1)]

538 Closed vent system: Equipment/operational data monitored by visual inspection/determination once every 30 days. Inspect every 30 days and at other times as requested by the DEQ. Include inspection of ductwork, piping, enclosures, and connections to covers for visible evidence of defects. Subpart S. [40 CFR 63.453(k)(2)]
Which Months: All Year Statistical Basis: None specified

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539 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the inspection specified in 40 CFR 453(k)(2). Subpart S. [40 CFR 63.453(k)(2)]

540 Closed vent system: Presence of a leak monitored by 40 CFR 60, Appendix A, Method 21 once initially and annually. Demonstrate no detectable leaks as specified in 40 CFR 63.450(c) measured by the procedures in 40 CFR 63.457(d), for positive pressure closed-vent systems or portions of closed-vent systems. Subpart S. [40 CFR 63.453(k)(3)]
Which Months: All Year Statistical Basis: None specified

541 Closed vent system: Presence of a leak recordkeeping by electronic or hard copy once initially and annually. Record the results of the demonstration of no detectable leaks specified in 40 CFR 453(k)(3). Subpart S. [40 CFR 63.453(k)(3)]

542 Closed vent system: Equipment/operational data monitored by the regulation's specified method(s) once initially and annually. Demonstrate that each enclosure opening is maintained at negative pressure using one of the procedures specified in 40 CFR 63.457(e)(1) through (e)(4). Subpart S. [40 CFR 63.453(k)(4)]
Which Months: All Year Statistical Basis: None specified

543 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once initially and annually. Record the results of the negative pressure demonstration specified in 40 CFR 453(k)(4). Subpart S. [40 CFR 63.453(k)(4)]

544 Closed vent system: Equipment/operational data monitored by technically sound method once every 30 days. Inspect the valve or closure mechanism specified in 40 CFR 63.450(d)(2) at least once every 30 days to ensure that the valve is maintained in the closed position and the emission point gas stream is not diverted through the bypass line. Subpart S. [40 CFR 63.453(k)(5)]
Which Months: All Year Statistical Basis: None specified

545 Closed vent system: Equipment/operational data recordkeeping by electronic or hard copy once every 30 days. Record the results of the valve or closure mechanism inspection specified in 40 CFR 453(k)(5). Subpart S. [40 CFR 63.453(k)(5)]

546 Closed vent system: Take the corrective actions specified in 40 CFR 63.453(k)(6)(i) and (k)(6)(ii) as soon as practicable if an inspection required by 40 CFR 63.453(k)(1) through (k)(5) identifies visible defects in ductwork, piping, enclosures or connections to covers required by 40 CFR 63.450, or if an instrument reading of 500 parts per million by volume or greater above background is measured, or if enclosure openings are not maintained at negative pressure. Subpart S. [40 CFR 63.453(k)(6)]

547 Enclosure opening, closed-vent system, and closed collection system: Prepare and maintain a site-specific inspection plan including a drawing or schematic of the components of applicable affected equipment. Subpart S. [40 CFR 63.454(b)]

548 Inspection records recordkeeping by electronic or hard copy upon each occurrence of inspection of each applicable enclosure opening, closed-vent system, or closed collection system. Record the information specified in 40 CFR 63.454(b)(1) through (b)(12) for each inspection. Subpart S. [40 CFR 63.454(b)]

549 Comply with 40 CFR 63 Subpart DDDDD by November 12, 2004 or upon startup, whichever is later. Subpart DDDDD. [40 CFR 63.7495(a)]

550 Hydrochloric acid <= 0.02 lb/MMBTU of heat input. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: None specified

551 Mercury (and compounds) <= 0.000003 lb/MMBTU of heat input. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: None specified

552 Particulate matter (10 microns or less) <= 0.025 lb/MMBTU of heat input. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: None specified

553 Carbon monoxide <= 400 ppmv (dry basis) corrected to 7% oxygen. Subpart DDDDD. [40 CFR 63.7500(a)(1)]
Which Months: All Year Statistical Basis: Thirty-day rolling average

554 Maintain the minimum sorbent injection rate at or above the operating levels established during the performance test according to 40 CFR 63.7530(c) and 40 CFR 63 Subpart DDDDD Table 7 that demonstrated compliance with the applicable emission limit. Subpart DDDDD. [40 CFR 63.7500(a)(2)]

555 Opacity <= 10 percent. Subpart DDDDD. [40 CFR 63.7500(a)(2)]
Which Months: All Year Statistical Basis: One-hour block average

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556 Be in compliance with the emission limits (including operating limits) and work practice standards in 40 CFR 63 Subpart DDDDD at all times, except during periods of startup, shutdown, and malfunction. Subpart DDDDD. [40 CFR 63.7505(a)]

557 Operate and maintain according to the provisions in 40 CFR 63.6(e)(1)(i) at all times. Subpart DDDDD. [40 CFR 63.7505(b)]

558 Demonstrate compliance with any applicable emission limit using performance testing. Fuel analysis may be used if the emission rate calculated according to 40 CFR 63.7530(d) is less than the applicable emission limit. Subpart DDDDD. [40 CFR 63.7505(c)]

559 Develop a site-specific monitoring plan according to the requirements in 40 CFR 63.7505(d)(1) through (d)(4). Subpart DDDDD. [40 CFR 63.7505(d)]

560 Develop and implement a written startup, shutdown and malfunction plan (SSMP) according to the provisions in 40 CFR 63.6(e)(3). Subpart DDDDD. [40 CFR 63.7505(e)]

561 Demonstrate initial compliance with the promulgated emission limits and work practice standards no later than 180 days after startup. Subpart DDDDD. [40 CFR 63.7510(g)]

562 Conduct all applicable performance tests according to 40 CFR 63.7520 on an annual basis, unless complying with 40 CFR 63.7515(b) through (d). Subpart DDDDD. [40 CFR 63.7515(a)]

563 Submit performance test and fuel analysis results: Due within 60 days after the completion of the performance tests or fuel analyses. Verify that the operating limits have not changed or provide documentation of revised operating parameters established according to 40 CFR 63.7530 and 40 CFR 63 Subpart DDDDD Table 7, as applicable. Ensure that reports for all subsequent performance tests and fuel analyses include all applicable information required in 40 CFR 63.7550. Subpart DDDDD. [40 CFR 63.7515(g)]

564 Conduct all performance tests according to 40 CFR 63.7(c), (d), (f), and (h). Subpart DDDDD. [40 CFR 63.7520(a)]

565 Develop a site-specific test plan according to the requirements in 40 CFR 63.7(c). Subpart DDDDD. [40 CFR 63.7520(a)]

566 Conduct each performance test according to the requirements in 40 CFR 63 Subpart DDDDD Table 5. Subpart DDDDD. [40 CFR 63.7520(b)]

567 Conduct each performance test under the specific conditions listed in 40 CFR 63 Subpart DDDDD Tables 5 and 7. Conduct performance tests at the maximum normal operating load while burning the type of fuel or mixture of fuels that have the highest content of chlorine, mercury, and total selected metals. Demonstrate initial compliance and establish operating limits based on these tests. Conduct more than one performance test if necessary. Subpart DDDDD. [40 CFR 63.7520(d)]

568 Do not conduct performance tests during periods of startup, shutdown or malfunction. Subpart DDDDD. [40 CFR 63.7520(e)]

569 Carbon monoxide monitored by continuous emission monitor (CEM) continuously, according to the procedures in 40 CFR 63.7525(a)(1) through (a)(6) by the compliance date specified in 40 CFR 63.7495. Subpart DDDDD. [40 CFR 63.7525(a)]
Which Months: All Year Statistical Basis: None specified

570 Opacity monitored by continuous opacity monitor (COM) continuously, according to the procedures in 40 CFR 63.7525(b)(1) through (b)(7) by the compliance date specified in 40 CFR 63.7495. Subpart DDDDD. [40 CFR 63.7525(b)]
Which Months: All Year Statistical Basis: None specified

571 Hydrochloric acid monitored by continuous parameter monitoring system (CPMS) continuously, according to the procedures in 40 CFR 63.7525(c)(1) through (c)(5) by the compliance date specified in 40 CFR 63.7495. Subpart DDDDD. [40 CFR 63.7525(c)]
Which Months: All Year Statistical Basis: None specified

572 Equipment/operational data monitored by technically sound method continuously. Monitor the sorbent injection rate according to the requirements in 40 CFR 63.7525(h)(1) through (h)(3). Subpart DDDDD. [40 CFR 63.7525(h)]
Which Months: All Year Statistical Basis: None specified

573 Demonstrate initial compliance with each applicable emission limit and work practice standard by either conducting initial performance tests and establishing operating limits, as applicable, according to 40 CFR 63.7520(c) and Tables 5 and 7; or conducting initial fuel analyses to determine emission rates and establishing operating limits, as applicable, according to 40 CFR 63.7521(d) and Tables 6 and 8. Subpart DDDDD. [40 CFR 63.7530(a)]

574 Establish each applicable site-specific operating limit in 40 CFR 63 Subpart DDDDD Tables 2 through 4 according to the requirements in 40 CFR 63.7520, Table 7, and 40 CFR 63.7530(c)(4), as applicable. Subpart DDDDD. [40 CFR 63.7530(c)]

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575 Monitor and collect data according to 40 CFR 63.7535 and the site-specific monitoring plan required by 40 CFR 63.7505(d). Subpart DDDDD. [40 CFR 63.7535(a)]

576 Do not operate above any of the applicable maximum operating limits or below any of the applicable minimum operating limits listed in 40 CFR 63 Subpart DDDDD Tables 2 through 4 at all times except during periods of startup, shutdown, malfunction, or during performance tests following the date on which the initial performance test is completed or is required to be completed under 40 CFR 63.7 and 63.7510, whichever date comes first. Subpart DDDDD. [40 CFR 63.7540(a)(1)]

577 Fuel recordkeeping by electronic or hard copy continuously. Keep records of the type and amount of all fuels burned during the reporting period to demonstrate that all fuel types and mixtures of fuels burned would either result in lower emissions of TSM, HCl, and mercury, than the applicable emission limit for each pollutant (if demonstrating compliance through fuel analysis), or result in lower fuel input of TSM, chlorine, and mercury than the maximum values calculated during the last performance tests (if demonstrating compliance through performance testing). Subpart DDDDD. [40 CFR 63.7540(a)(2)]

578 Recalculate the maximum chlorine input using Equation 5 of 40 CFR 63.7530, if planning to burn a new type of fuel type or a new mixture of fuels. If the results of recalculating the maximum chlorine input using Equation 5 of 40 CFR 63.7530 are higher than the maximum chlorine input level established during the previous performance test, conduct a new performance test within 60 days of burning the new fuel type or fuel mixture according to the procedures in 40 CFR 63.7520 to demonstrate that the HCl emissions do not exceed the emission limit. Establish new operating limits based on this performance test according to the procedures in 40 CFR 63.7530(c). Subpart DDDDD. [40 CFR 63.7540(a)(4)]

579 Recalculate the maximum TSM input using Equation 6 of 40 CFR 63.7530, if planning to burn a new type of fuel or a new mixture of fuels. If the results of recalculating the maximum total selected metals input using Equation 6 of 40 CFR 63.7530 are higher than the maximum TSM input level established during the previous performance test, conduct a new performance test within 60 days of burning the new fuel type or fuel mixture according to the procedures in 40 CFR 63.7520 to demonstrate that the TSM emissions do not exceed the emission limit. Establish new operating limits based on this performance test according to the procedures in 40 CFR 63.7530(c). Subpart DDDDD. [40 CFR 63.7540(a)(6)]

580 Recalculate the maximum mercury input using Equation 7 of 40 CFR 63.7530, if planning to burn a new type of fuel or a new mixture of fuels. If the results of recalculating the maximum mercury input using Equation 7 of 40 CFR 63.7530 are higher than the maximum mercury input level established during the previous performance test, conduct a new performance test within 60 days of burning the new fuel type or fuel mixture according to the procedures in 40 CFR 63.7520 to demonstrate that the mercury emissions do not exceed the emission limit. Establish new operating limits based on this performance test according to the procedures in 40 CFR 63.7530(c). Subpart DDDDD. [40 CFR 63.7540(a)(8)]

581 Demonstrate continuous compliance with each applicable emission limit, operating limit, and work practice standard in 40 CFR 63 Subpart DDDDD Tables 1 through 4 according to the methods specified in 40 CFR 63 Subpart DDDDD Table 8 and 40 CFR 63.7540(a)(1) through (a)(10). Subpart DDDDD. [40 CFR 63.7540(a)]

582 Report each instance in which emission limits, operating limits, and work practice standards in 40 CFR 63 Subpart DDDDD Tables 1 through 4 are not met; and each instance during a startup, shutdown or malfunction when emission limits, operating limits, and work practice standards are not met. Report according to the requirements in 40 CFR 63.7550. Subpart DDDDD. [40 CFR 63.7540(b)]

583 Operate in accordance with the SSMP as required by 40 CFR 63.7505(e) during periods of startup, shutdown, and malfunction. Subpart DDDDD. [40 CFR 63.7540(c)]

584 Submit all of the notifications in 40 CFR 63.7(b) and (c), 63.8(e), (f)(4) and (f)(6), and 63.9(b) through (h) by the dates specified, as specified in 40 CFR 63.7545(b) through (e), as applicable. Subpart DDDDD. [40 CFR 63.7545(a)]

585 Submit notification of intent to conduct a performance test at least 30 days before the performance test is scheduled to begin, if required to conduct a performance test. Subpart DDDDD. [40 CFR 63.7545(d)]

586 Submit Report: Due if there is a startup, shutdown or malfunction during the reporting period that is not consistent with the startup, shutdown and malfunction plan, and any applicable emission limitation in the relevant emission standard is exceeded. Submit startup, shutdown and malfunction report within 2 working days by fax or telephone after starting actions inconsistent with the startup, shutdown or malfunction plan; and within 7 working days by letter after the end of the event unless alternate arrangements have been made with DEQ. Include actions taken for the event, and the information specified in 40 CFR 63.10(d)(5)(ii). Subpart DDDDD. [40 CFR 63.7550(a)]

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587 Submit compliance status report: Due semiannually, by the 31st of January and July. Submit the compliance report according to 40 CFR 63.7550(b)(1) through (b)(5). Include the information specified in 40 CFR 63.7550(c) through (e), as applicable. Subpart DDDDD. [40 CFR 63.7550]

588 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Keep records of the information specified in 40 CFR 63.7555(a) through (e), as applicable. Subpart DDDDD. [40 CFR 63.7555]

589 Keep records in a form suitable and readily available for expeditious review, according to 40 CFR 63.10(b)(1). Subpart DDDDD. [40 CFR 63.7560(a)]

590 Keep each record for 5 years following the date of each occurrence, measurement, maintenance, corrective action, report, or record and keep on site for at least 2 years, as specified in 40 CFR 63.10(b)(1). Subpart DDDDD. [40 CFR 63.7560]

EQT114 137A - No. 1 PC/Coal Day Bin Baghouse Vent

591 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

592 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

593 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified

594 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in *40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)]*

595 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)]

596 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

597 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

598 Broken Bag Detector Equipment/operational data monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

599 *Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]*

600 An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]

601 Broken Bag Detector Equipment/operational data recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]

602 Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]

603 Schedule for installation, testing or final verification of operational status: Broken bag detectors will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

604 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

605 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT114 137A - No. 1 PC/Coal Day Bin Baghouse Vent

606 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

607 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

608 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

609 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

610 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

611 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

612 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT115 137B - No. 2 PC/Coal Day Bin Baghouse Vent

613 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

614 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

615 Opacity <= 20 percent. [When processing coal] Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified

616 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). [When processing coal] Subpart Y. [40 CFR 60.254(a)]

617 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). [When processing coal] Subpart Y. [40 CFR 60.254(b)]

618 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT115 137B - No. 2 PC/Coal Day Bin Baghouse Vent

619 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

620 Broken Bag Detector Equipment/operational data monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

621 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

622 An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]

623 Broken Bag Detector Equipment/operational data recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]

624 Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]

625 Schedule for installation, testing or final verification of operational status: Broken bag detectors will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

626 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

627 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

628 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

629 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

630 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

631 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

632 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

633 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT115 137B - No. 2 PC/Coal Day Bin Baghouse Vent

634 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT119 145 - LS Day Bin Baghouse Vent

635 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

636 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

637 Total suspended particulate <= 0.05 g/dscm (0.022 gr/dscf). Subpart OOO. [40 CFR 60.672(a)(1)]
Which Months: All Year Statistical Basis: None specified

638 Opacity <= 7 percent, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Subpart OOO. [40 CFR 60.672(a)(2)]
Which Months: All Year Statistical Basis: None specified

639 Opacity <= 7 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(f)]
Which Months: All Year Statistical Basis: None specified

640 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)]

641 Total suspended particulate monitored by the regulation's specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
Which Months: All Year Statistical Basis: None specified

642 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11 to determine opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
Which Months: All Year Statistical Basis: None specified

643 Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]

644 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)]

645 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)]

646 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)]

647 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT119 145 - LS Day Bin Baghouse Vent

648 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

649 Broken Bag Detector Equipment/operational data monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

650 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

651 An excursion or exceedance is defined as a broken bag detector electrical signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]

652 Broken Bag Detector Equipment/operational data recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]

653 Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]

654 Schedule for installation, testing or final verification of operational status: Broken bag detector will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

655 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

656 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

657 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

658 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

659 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

660 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

661 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

662 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT119 145 - LS Day Bin Baghouse Vent

663 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT121 147 - No. 1 Ash Silo Baghouse Vent

664 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

665 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

666 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

667 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

668 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

669 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

670 Visible emissions monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

671 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

672 An excursion or exceedance is defined as visible emissions from the bin vent filter outlet. [40 CFR 64.6(c)(2)]

673 Visible emissions recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]

674 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

675 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

676 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT121 147 - No. 1 Ash Silo Baghouse Vent

677 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

678 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

679 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

680 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

681 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

682 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT122 148 - No. 2 Ash Silo Baghouse Vent

683 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

684 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

685 Filter vents: Visible emissions monitored by visual inspection/determination daily. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

686 Filter vents: Visible emissions recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of visual checks on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

687 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

688 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

689 Visible emissions monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

690 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

691 An excursion or exceedance is defined as visible emissions from the bin vent filter outlet. [40 CFR 64.6(c)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT122 148 - No. 2 Ash Silo Baghouse Vent

692 Visible emissions recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]

693 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

694 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

695 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

696 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

697 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

698 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

699 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

700 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

701 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT126 154 - Wet Strength Storage Tank B

702 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (No additonal controls is determined as MACT). [LAC 33:III.5109.A]

EQT130 158 - Sulfuric Acid Tank 1

703 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (MACT is not required for Class III TAP. Shall comply with Ambient Air Standard). [LAC 33:III.5109.A]

EQT131 159 - Sulfuric Acid Tank 2

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT131 159 - Sulfuric Acid Tank 2

704 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (MACT is not required for Class III TAP. Shall comply with Ambient Air Standard). [LAC 33:III.5109.A]

EQT133 161 - No. 6 CFB Boiler Startup/Shutdown Emissions

705 Shall comply with all applicable provisions of PSD regulations by limiting start up and shut down emissions to those listed. Emission limits will apply on a cumulative five-year basis. [40 CFR 52]

EQT134 162 - LK Raw Pet Coke Bin Baghouse

706 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

707 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

708 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

709 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

710 Pressure drop monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

711 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

712 An excursion or exceedance is defined as a pressure drop greater than or less than the range established. This range shall be submitted to the DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]

713 Pressure drop recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

714 Schedule for installation, testing or final verification of operational status: Gauges will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

715 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

716 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

717 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT134 162 - LK Raw Pet Coke Bin Baghouse

718 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

719 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

720 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

721 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

722 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

723 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT135 163 - LK Ground Pet Coke Bin Baghouse

724 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]

725 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

726 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

727 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

728 Pressure drop monitored by technically sound method continuously. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

729 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

730 An excursion or exceedance is defined as a pressure drop greater than or less than the range established. This range shall be submitted to the DEQ within 180 days of permit issuance. [40 CFR 64.6(c)(2)]

731 Pressure drop recordkeeping by electronic or hard copy continuously. [40 CFR 64.6(c)(4)]

732 Schedule for installation, testing or final verification of operational status: Gauges will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

EQT135 163 - LK Ground Pet Coke Bin Baghouse

733 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

734 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

735 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

736 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

737 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

738 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

739 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

740 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

741 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT137 LVHC - LVHC System

742 Total reduced sulfur <= 5 ppm. [LAC 33:III.2301.D.3.c]
Which Months: All Year Statistical Basis: Twelve-hour average

743 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined as MACT). [LAC 33:III.5109.A]

744 Ensure that the control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

EQT138 HVLC - HVLC System

745 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined as MACT). [LAC 33:III.5109.A]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
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EQT138 HVLC - HVLC System

746 Ensure that the control device reduces total HAP emissions using a boiler, lime kiln, or recovery furnace by introducing the HAP emission stream with the primary fuel or into the flame zone. Subpart S. [40 CFR 63.443(d)(4)(i)]

EQT139 PULP- Pulping Condensates

747 Control emissions of toxic air pollutants to a degree that constitutes Maximum Achievable Control Technology (MACT) as approved by DEQ (Compliance with 40 CFR 63 Subpart S is determined as MACT). [LAC 33:III.5109.A]
748 Enclose any equipment system listed in 40 CFR 63.443(a) or (b) , vent into a closed-vent system, and route to a control device that meets the requirements specified in 40 CFR 63.443(d). Subpart S. [40 CFR 63.443(c)]
749 Ensure that each closed collection system meets the individual drain system requirements specified in 40 CFR 63.960, 63.961, and 63.962 of subpart RR, except design and operate closed vent systems and control devices in accordance with 40 CFR 63.443(d) and 63.450, instead of in accordance with 40 CFR 63.693 as specified in 40 CFR 63.962(a)(3)(ii), (b)(3)(ii)(A), and (b)(5)(iii). Subpart S. [40 CFR 63.446(d)(1)]
750 Convey the pulping process condensates in a closed collection system that is designed and operated to meet the requirements specified in 40 CFR 63.446(d)(1) and (d)(2). Subpart S. [40 CFR 63.446(d)]
751 Recycle the pulping process condensate to an equipment system specified in 40 CFR 63.443(a) meeting the requirements specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(e)(1)]
752 Control each HAP removed from a pulping process condensate stream during treatment and handling under 40 CFR 63.446(d) or (e), except for those treated according to 40 CFR 63.446(e)(2), as specified in 40 CFR 63.443(c) and (d). Subpart S. [40 CFR 63.446(f)]
753 Evaluate all new or modified pulping process condensates or changes in the annual bleached or non-bleached ODP used to comply with 40 CFR 63.446(i), to determine if they meet the applicable requirements of 40 CFR 63.446. Subpart S. [40 CFR 63.446(h)]

EQT140 166 - Pet Coke Conveying System

754 Opacity <= 20 percent. Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified
755 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). Subpart Y. [40 CFR 60.254(a)]
756 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). Subpart Y. [40 CFR 60.254(b)]

EQT143 168 - Pet Coke/Limestone Baghouse Vent

757 Filter elements (bags): Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of inspection. Keep records of maintenance inspections on site and available for inspection by the Office of Environmental Compliance, Surveillance Division. [LAC 33:III.501.C.6]
758 Filter elements (bags): Equipment/operational data monitored by technically sound method annually or whenever visual checks indicate maintenance may be necessary. Change elements as necessary. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified
759 Opacity <= 20 percent. [When processing coal] Subpart Y. [40 CFR 60.252(c)]
Which Months: All Year Statistical Basis: None specified
760 Use as reference methods and procedures the test methods in 40 CFR 60 Appendix A or other methods and procedures as specified in 40 CFR 60.254 in conducting the performance tests required in 40 CFR 60.8, except as provided in 40 CFR 60.8(b). [When processing coal] Subpart Y. [40 CFR 60.254(a)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
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Permit Number: 0840-00010-V3
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EQT143 168 - Pet Coke/Limestone Baghouse Vent

761 Determine compliance with particular matter standards in 40 CFR 60.252 using the test methods specified in 40 CFR 60.254(b)(1) and (b)(2). [When processing coal] Subpart Y. [40 CFR 60.254(b)]

762 Total suspended particulate <= 0.05 g/dscm (0.022 gr/dscf). Subpart OOO. [40 CFR 60.672(a)(1)]
Which Months: All Year Statistical Basis: None specified

763 Opacity <= 7 percent, unless the stack emissions are discharged from an affected facility using a wet scrubbing control device. Subpart OOO. [40 CFR 60.672(a)(2)]
Which Months: All Year Statistical Basis: None specified

764 Comply with the emission limits in 40 CFR 60.672(a)(1) and (a)(2) upon completion of performance tests. Subpart OOO. [40 CFR 60.672(g)]

765 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)]

766 Total suspended particulate monitored by the regulation's specified method(s) as needed. Use Method 5 or Method 17 to determine the particulate matter concentration. Subpart OOO. [40 CFR 60.675(b)(1)]
Which Months: All Year Statistical Basis: None specified

767 Total suspended particulate recordkeeping by electronic or hard copy as needed. Record the particulate matter concentration determined during the test. Subpart OOO. [40 CFR 60.675(b)(1)]

768 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11 to determine opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
Which Months: All Year Statistical Basis: None specified

769 Opacity recordkeeping by electronic or hard copy as needed. Record the individual test and the average opacity. Subpart OOO. [40 CFR 60.675(b)(2)]

770 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)]

771 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)]

772 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)]

773 Specific QA/QC Procedures: Calibrate, operate, and maintain instrumentation using procedures that take into account manufacturer's specifications. [40 CFR 64.3(b)(3)]

774 Comply with the submitted implementation plan and schedule for installing, testing and performing any other appropriate activities prior to use of the monitoring, if any of the approved monitoring in this permit requires installation, testing, or other necessary activities prior to use of the monitoring for purposes of 40 CFR 64. Implement monitoring as expeditiously as practicable after approval of the monitoring pursuant to 40 CFR 64.6, but in no case shall the period for completing installation and beginning operation of the monitoring exceed 180 days after approval of the permit. [40 CFR 64.4(e)]

775 Broken Bag Detector Equipment/operational data monitored by technically sound method daily. [40 CFR 64.6(c)(1)]
Which Months: All Year Statistical Basis: None specified

776 Submit Notification: Due at the DEQ upon the establishment or reestablishment of any exceedance or excursion level, for purposes of responding to and reporting exceedances or excursions under 40 CFR 64.7 and 64.8. [40 CFR 64.6(c)(2)]

777 An excursion or exceedance is defined as a broken bag detector electrial signal greater than or less than the range established. This range shall be submitted to the DEQ within 180 days after start-up. [40 CFR 64.6(c)(2)]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
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EQT143 168 - Pet Coke/Limestone Baghouse Vent

778 Broken Bag Detector Equipment/operational data recordkeeping by electronic or hard copy daily. [40 CFR 64.6(c)(4)]

779 Schedule for installation, testing or final verification of operational status: Broken bag detector will installed at the time of construction. Indicator ranges will be established and final verification of operation status will be made within 180 days of startup. [40 CFR 64.6(d)]

780 Schedule for installation, testing or final verification of operational status: Within 180 days of permit issuance. [40 CFR 64.6(d)]

781 Conduct the monitoring required under 40 CFR 64 upon issuance of a part 70 or 71 permit that includes such monitoring, or by such later date specified in the permit pursuant to 40 CFR 64.6(d). [40 CFR 64.7(a)]

782 Maintain the monitoring required under 40 CFR 64 at all times, including but not limited to maintaining necessary parts for routine repairs of the monitoring equipment. [40 CFR 64.7(b)]

783 Conduct all monitoring required under 40 CFR 64 in continuous operation (or collect data at all required intervals) at all times that the pollutant-specific emissions unit is operating, except for, as applicable, monitoring malfunctions, associated repairs, and required quality assurance or control activities (including, as applicable, calibration checks and required zero and span adjustments). Do not use data recorded during monitoring malfunctions, associated repairs, and required quality assurance or control activities for purposes of 40 CFR 64, including data averages and calculations, or for fulfilling a minimum data availability requirement, if applicable. Use all the data collected during all other periods in assessing the operation of the control device and associated control system. [40 CFR 64.7(c)]

784 Restore operation of the pollutant-specific emissions unit (including the control device and associated capture system) to its normal or usual manner of operation as expeditiously as practicable upon detecting an excursion or exceedance, in accordance with good air pollution control practices for minimizing emissions. Minimize the period of any startup, shutdown or malfunction, and take any necessary corrective actions to restore normal operation and prevent the likely recurrence of the cause of an excursion or exceedance (other than those caused by excused startup or shutdown conditions). [40 CFR 64.7(d)(1)]

785 Submit written notification: Due to the Office of Environmental Compliance within 72 hours upon identifying a failure to achieve compliance with the part 70 emission limitation or the part 70 standard for which, after approval of monitoring under 40 CFR 64, the approved monitoring did not provide an indication of an excursion or exceedance while providing valid data, or the results of compliance or performance testing document a need to modify the existing indicator ranges or designated conditions. If necessary, submit a proposed modification to the part 70 or 71 permit to address the necessary monitoring changes. [40 CFR 64.7(e)]

786 Submit report: Due on and after the date specified in 40 CFR 64.7(a) by which the owner or operator must use monitoring that meets the requirements of 40 CFR 64. Submit monitoring reports to the DEQ in accordance with 40 CFR 70.6(a)(3)(iii). Include in a report for monitoring under 40 CFR 64, at a minimum, the information required under 40 CFR 70.6(a)(3)(iii) and the information specified in 40 CFR 64.9(a)(2)(i) through (a)(2)(iii), as applicable. [40 CFR 64.9(a)]

787 Comply with the recordkeeping requirements specified in 40 CFR 70.6(a)(3)(ii). [40 CFR 64.9(b)(1)]

788 Monitoring data recordkeeping by electronic or hard copy continuously. Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

789 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of monitor performance data, corrective actions taken, any written quality improvement plan required pursuant to 40 CFR 64.8 and any activities undertaken to implement a quality improvement plan, and other supporting information required to be maintained under 40 CFR 64 (such as data used to document the adequacy of monitoring, or records of monitoring maintenance or corrective actions). Maintain these records for a period of at least five years. [40 CFR 64.9(b)(1)]

EQT144 167 - Limestone Conveying System

790 Fugitive emissions: Opacity <= 10 percent, on and after the sixtieth day after achieving the maximum production rate at which the affected facility will be operated but not later than 180 days after initial startup as required under 40 CFR 60.11. Subpart OOO. [40 CFR 60.672(b)]
Which Months: All Year Statistical Basis: None specified

791 Use as reference methods and procedures the test methods in 40 CFR 60 appendix A or other methods and procedures as specified in 40 CFR 60.675, except as provided in 40 CFR 60.8(b), in conducting the performance tests required in 40 CFR 60.8. Subpart OOO. [40 CFR 60.675(a)]

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EQT144 167 - Limestone Conveying System

792 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11 to determine opacity. Subpart OOO. [40 CFR 60.675(b)(2)]
Which Months: All Year Statistical Basis: None specified

793 Opacity monitored by 40 CFR 60, Appendix A, Method 9 as needed. Use Method 9 and the procedures in 40 CFR 60.11, with the additions in 40 CFR 60.675(c)(1) through (c)(4), to determine compliance with the particulate matter standards in 40 CFR 60.672(b) and (c). Subpart OOO. [40 CFR 60.675(c)]
Which Months: All Year Statistical Basis: None specified

794 Opacity recordkeeping by manual logging as needed. Record the individual test and the average result of the monitoring test listed in 40 CFR 60.675(c)(1) through (c)(4). Subpart OOO. [40 CFR 60.675(c)]

795 Submit notification to the DEQ: Due at least 7 days prior to any rescheduled performance test, if, after 30 days notice for an initially scheduled performance test, there is any delay (due to operational problems etc.) in conducting any rescheduled performance test required by 40 CFR 60.675. Subpart OOO. [40 CFR 60.675(g)]

796 Submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e). Subpart OOO. [40 CFR 60.676(f)]

797 Submit notification: Due to DEQ (postmarked) within 15 days after the actual date of initial startup. Submit the actual date of initial startup and include a description of each affected facility, equipment manufacturer, and serial number of the equipment, if available. A single notification of startup may be submitted for a combination of affected facilities in a production line that begin actual initial startup on the same day. For portable aggregate processing plants, include both the home office and the current address or location of the portable plant. Subpart OOO. [40 CFR 60.676(i)(1)]

FUG001 66 - Paved and Unpaved Roads

798 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations, including paving the hauling roads as much as feasible as BACT. [40 CFR 52]

FUG003 99 - Hardwood Handling Fugitives

799 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

FUG004 100 - Softwood Handling Fugitives

800 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

FUG005 101 - Bark Pile Fugitives

801 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

FUG006 113 - Tissue Machine No. 6 Fugitive Emissions

802 Particulate matter (10 microns or less): Shall comply with all applicable provisions of PSD regulations. (No additional control is determined as BACT). [40 CFR 52]

FUG007 114 - Tissue Machine No. 6 Converting Equipment Fugitives

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

FUG007 114 - Tissue Machine No. 6 Converting Equipment Fugitives

803 Total volume and content of Organic HAP recordkeeping by electronic or hard copy monthly. Maintain for five years and make available upon request of DEQ or EPA. [40 CFR 63.829(e)(2)]

804 Equipment/operational data recordkeeping by electronic or hard copy at the regulation's specified frequency. Maintain the records specified in 40 CFR 63.829(b) through (f), as applicable. Subpart KK. [40 CFR 63.829]

GRP003 76 - Recovery Furnace Emission Cap

805 Equipment/operational data < 1.216 Million TBLS/yr (million tons black liquor solids/yr). Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the firing rate of black liquor solids exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: None specified

806 Black liquor solids: Equipment/operational data monitored by technically sound method monthly. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Monthly total

807 Equipment/operational data recordkeeping by electronic or hard copy monthly. Keep records of the total black liquor solids fired each month, as well as the total black liquor solids fired for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

808 Submit report: Due annually, by the 31st of March. Report the total black liquor solids fired for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

GRP005 104 - Lime Kiln Emission Cap

809 Lime Throughput < 162500 Tons lime/year. Noncompliance with this limitation is a reportable violation of the permit. Notify the Office of Environmental Compliance, Enforcement Division if the lime throughput exceeds the maximum listed in this specific condition for any twelve consecutive month period. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual total

810 Lime Throughput monitored by technically sound method monthly. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Monthly total

811 Lime Throughput recordkeeping by electronic or hard copy monthly. Keep records of the total lime throughput each month, as well as the total lime throughput for the last twelve months. Make records available for inspection by DEQ personnel. [LAC 33:III.501.C.6]

812 Throughput Lime Submit report: Due annually, by the 31st of March. Report the total lime throughput for the preceding calendar year to the Office of Environmental Compliance, Enforcement Division. [LAC 33:III.501.C.6]

GRP015 164 - Boilers 1, 5, & 6 Emission CAP

813 After acheiving normal operation of the No. 6 CFB Boiler, the boilers in this group shall operate in compliance with the emission rates listed on a cumulative 12-month basis. Emissions will be calculated monthly using CEM data where available and fuel usage and heat input data where CEM data are not available. Emissions will be summed monthly to determine the 12-month cumulative totals, and records of monthly and 12-month cumulative emissions shall be maintained on site. [40 CFR 52]

GRP017 Facility-wide Requirements

814 Emissions of smoke which pass onto or across a public road and create a traffic hazard by impairment of visibility as defined in LAC 33:III.111 or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1103]

815 Emissions of particulate matter which pass onto or across a public road and create a traffic hazard by impairment of visibility or intensify an existing traffic hazard condition are prohibited. [LAC 33:III.1303.B]

SPECIFIC REQUIREMENTS

AI ID: 2617 - Georgia Pacific Corp - Port Hudson Operations
Activity Number: PER20060001
Permit Number: 0840-00010-V3
Air - Title V Regular Permit Minor Mod

GRP017 Facility-wide Requirements

816 Maintain best practical housekeeping and maintenance practices at the highest possible standards to reduce the quantity of organic compounds emissions. Good housekeeping shall include, but not be limited to, the practices listed in LAC 33:III.2113.A.1-5. [LAC 33:III.2113.A]

817 Failure to pay the prescribed application fee or annual fee as provided herein, within 90 days after the due date, will constitute a violation of these regulations and shall subject the person to applicable enforcement actions under the Louisiana Environmental Quality Act including, but not limited to, revocation or suspension of the applicable permit, license, registration, or variance. [LAC 33:III.219]

818 Discharges of odorous substances at or beyond property lines which cause a perceived odor intensity of six or greater on the specified eight point butanol scale as determined by Method 41 of LAC 33:III.2901.G are prohibited. [LAC 33:III.2901.D]

819 If requested to monitor for odor intensity, take and transport samples in a manner which minimizes alteration of the samples either by contamination or loss of material. Evaluate all samples as soon after collection as possible in accordance with the procedures set forth in LAC 33:III.2901.G. [LAC 33:III.2901.F]

820 Maintain best practical housekeeping and maintenance practices at the highest possible standards to control emissions of highly reactive volatile organic compounds (HRVOC), which include 1,3-Butadiene, Butene, cis-2-Butene, trans-2-Butene, Ethylene, Propylene, Toluene, Xylene, m/p-Xylene, o-Xylene. [LAC 33:III.501.C.6]

821 Maintain, to the extent practicable, a leak-free facility taking such steps as are necessary and reasonable to prevent leaks and to expeditiously repair leaks that occur. Update the written plan presently required by LAC 33:III.2113.A.4 within 30 days of receipt of this permit to incorporate these general duty obligations into the housekeeping procedures. The plan shall then be considered a means of emission control subject to the required use and maintenance provisions of LAC 33:III.905. Failure to develop, use, and diligently maintain the plan shall be a violation of this permit. [LAC 33:III.501.C.6]

822 Sulfur dioxide <= 1807.31 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

823 Nitrogen oxides <= 2220.93 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

824 Carbon monoxide <= 4676.80 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

825 Particulate matter (10 microns or less) <= 824.71 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

826 VOC, Total <= 881.99 tons/yr. [LAC 33:III.501.C.6]
Which Months: All Year Statistical Basis: Annual maximum

827 Do not construct or modify any stationary source subject to any standard set forth in LAC 33:III.Chapter 51.Subchapter A without first obtaining written authorization from DEQ in accordance with LAC 33:III.Chapter 51.Subchapter A, after the effective date of the standard. [LAC 33:III.5105.A.1]

828 Do not cause a violation of any ambient air standard listed in LAC 33:III.Table 51.2, unless operating in accordance with LAC 33:III.5109. [LAC 33:III.5105.A.2]

829 Do not build, erect, install, or use any article, machine, equipment, process, or method, the use of which conceals an emission that would otherwise constitute a violation of an applicable standard. [LAC 33:III.5105.A.3]

830 Do not fail to keep records, notify, report or revise reports as required under LAC 33:III.Chapter 51.Subchapter A. [LAC 33:III.5105.A.4]

831 *Submit Annual Emissions Report (TEDI): Due annually, by the 1st of July, to the Office of Environmental Assessment, Environmental Evaluation Division in a form specified by the department. Identify the quantity of emissions in the previous calendar year for any toxic air pollutant listed in Table 51.1 or Table 51.3. [LAC 33:III.5107.A.2]*

832 Include a certification statement with initial and subsequent annual emission reports and revisions to any emission report to attest that the information contained in the emission report is true, accurate, and complete, and signed by a responsible official, as defined in LAC 33:III.502. Include the full name of the responsible official, title, signature, date of signature and phone number of the responsible official. The certification statement shall read: "I certify, under penalty of perjury, that the emissions data provided is accurate to the best of my knowledge, information, and belief, and I understand that submitting false or misleading information will expose me to prosecution under state regulations" [LAC 33:III.5107.A.3]

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833 Submit notification: Due to the Department of Public Safety 24-hour Louisiana Emergency Hazardous Materials Hotline at (225) 925-6595 immediately, but no later than 1 hour, after any discharge of a toxic air pollutant into the atmosphere which results or threatens to result in an emergency condition (a condition which could reasonably be expected to endanger the health and safety of the public, cause significant adverse impact to the land, water or air environment, or cause severe damage to property). [LAC 33:III.5107.B.1]

834 Submit notification: Due to the Office of Environmental Compliance, except as provided in LAC 33:III.5107.B.6, no later than 24 hours after the beginning of any unauthorized discharge into the atmosphere of a toxic air pollutant as a result of bypassing an emission control device, when the emission control bypass was not the result of an upset, and the quantity of the unauthorized bypass is greater than or equal to the lower of the Minimum Emission Rate (MER) in LAC 33:III.Chapter 51.Table 51.1 or a reportable quantity (RQ) in LAC 33:I.3931, or the quantity of the unauthorized bypass is greater than one pound and there is no MER or RQ for the substance in question. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.2]

835 Submit notification: Due to the Office of Environmental Compliance immediately, but in no case later than 24 hours after any unauthorized discharge of a toxic air pollutant into the atmosphere that does not cause an emergency condition, the rate or quantity of which is in excess of that allowed by permit, compliance schedule, or variance, or for upset events that exceed the reportable quantity in LAC 33:I.3931, except as provided in LAC 33:III.5107.B.6. Submit notification in the manner provided in LAC 33:I.3923. [LAC 33:III.5107.B.3]

836 Submit written report: Due within seven calendar days of learning of any such discharge or equipment bypass as referred to in LAC 33:III.5107.B.1 through 3. Submit report to the Office of Environmental Compliance by certified mail. Include the information specified in LAC 33:III.5107.B.4.a.i through viii. [LAC 33:III.5107.B.4]

837 Report all discharges to the atmosphere of a toxic air pollutant from a safety relief device, a line or vessel rupture, a sudden equipment failure, or a bypass of an emission control device, regardless of quantity, in the annual emissions report and where otherwise specified. Include the identity of the source, the date and time of the discharge, and the approximate total loss during the discharge. [LAC 33:III.5107.B.5]

838 Submit to DEQ a certification of compliance with all MACT requirements, in accordance with LAC 33:III.5109.D. Include the elements listed in LAC 33:III.5109.E. [LAC 33:III.5109.A.2]

839 Submit to DEQ a certification of compliance with all ambient air standards, in accordance with LAC 33:III.5109.D. Include the elements listed under LAC 33:III.5109.E. [LAC 33:III.5109.B.2]

840 Achieve compliance with ambient air standards unless it can be demonstrated to the satisfaction of DEQ that compliance with an ambient air standard would be economically infeasible; that emissions could not reasonably be expected to pose a threat to public health or the environment; and that emissions would be controlled to a level that is Maximum Achievable Control Technology. [LAC 33:III.5109.B.3]

841 Determine the status of compliance, beyond the property line, with applicable ambient air standards listed in LAC 33:III.5112.Table 51.2. [LAC 33:III.5109.B]

842 Develop a standard operating procedure (SOP) within 120 days after achieving or demonstrating compliance with the standards specified in LAC 33:III.Chapter 51. Detail in the SOP all operating procedures or parameters established to ensure that compliance with the applicable standards is maintained and address operating procedures for any monitoring system in place, specifying procedures to ensure compliance with LAC 33:III.5113.C.5. Make a written copy of the SOP available on site or at an alternate approved location for inspection by DEQ. Provide a copy of the SOP within 30 days upon request by the department. [LAC 33:III.5109.C]

843 Obtain a Louisiana Air Permit in accordance with LAC 33:III.5111.B and C and in accordance with LAC 33:I.1701, before commencement of the construction of any new source. [LAC 33:III.5111.A.1]

844 Obtain a permit modification in accordance with LAC 33:III.5111.B and C before commencement of any modification not specified in a compliance plan submitted under LAC 33:III.5109.D, if the modification will result in an increase in emissions of any toxic air pollutant or will create a new point source. [LAC 33:III.5111.A.2.a]

845 Do not commence construction or modification of any major source without first obtaining written authorization from DEQ, as specified. [LAC 33:III.5111.A]

846 Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division not more than 60 days nor less than 30 days prior to initial start-up. Submit the anticipated date of the initial start-up. [LAC 33:III.5113.A.1]

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847 Submit notification in writing: Due to the Office of Environmental Compliance, Surveillance Division within 10 working days after the actual date of initial start-up of the source. Submit the actual date of initial start-up of the source. [LAC 33:III.5113.A.2]

848 Ensure that all testing done to determine the emission of toxic air pollutants, upon request by the department, is conducted by qualified personnel. [LAC 33:III.5113.B.1]

849 Submit test results: Due in writing to the Office of Environmental Assessment, Environmental Technology Division within 45 days after completion of the test. Submit test results signed by the person responsible for the test. [LAC 33:III.5113.B.1]

850 Conduct emission tests as set forth in accordance with Test Methods of 40 CFR, parts 60, 61, and 63 or in accordance with alternative test methods approved by DEQ. [LAC 33:III.5113.B.2]

851 Provide necessary sampling and testing facilities, exclusive of instruments and sensing devices, as needed to properly determine the emission of toxic air pollutants, upon request of the department. [LAC 33:III.5113.B.3]

852 Provide emission testing facilities as specified in LAC 33:III.5113.B.4.a through e. [LAC 33:III.5113.B.4]

853 Analyze samples and determine emissions within 30 days after each emission test has been completed. [LAC 33:III.5113.B.5]

854 Submit certified letter: Due to the Office of Environmental Assessment, Environmental Technology Division before the close of business on the 45th day following the completion of the emission test. Report the determinations of the emission test. [LAC 33:III.5113.B.5]

855 Equipment/operational data recordkeeping by electronic or hard copy upon each occurrence of emissions testing. Retain records of emission test results and other data needed to determine emissions. Retained records at the source, or at an alternate location approved by DEQ for a minimum of two years, and make available upon request for inspection by DEQ. [LAC 33:III.5113.B.6]

856 Submit notification: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before the emission test. Submit notification of emission test to allow DEQ the opportunity to have an observer present during the test. [LAC 33:III.5113.B.7]

857 Maintain and operate each monitoring system in a manner consistent with good air pollution control practices for minimizing emissions. Repair or adjust any breakdown or malfunction of the monitoring system as soon as practicable after its occurrence. [LAC 33:III.5113.C.1]

858 Conduct performance evaluation of the monitoring system when required at any other time requested by DEQ. [LAC 33:III.5113.C.2]

859 Submit performance evaluation report: Due to the Office of Environmental Assessment, Environmental Technology Division within 60 days of the monitoring system performance evaluation. [LAC 33:III.5113.C.2]

860 Submit notification in writing: Due to the Office of Environmental Assessment, Environmental Technology Division at least 30 days before a performance evaluation of the monitoring system is to begin. [LAC 33:III.5113.C.2]

861 Install a monitoring system on each effluent or on the combined effluent, when monitoring is required and the effluents from a single source, or from two or more sources subject to the same emission standards, are combined before being released to the atmosphere. If two or more sources are not subject to the same emission standards, install a separate monitoring system on each effluent, unless otherwise specified. If the applicable standard is a mass emission standard and the effluent from one source is released to the atmosphere through more than one point, install a monitoring system at each emission point unless DEQ approves the installation of fewer systems. [LAC 33:III.5113.C.3]

862 Evaluate the performance of continuous monitoring systems, upon request by DEQ, in accordance with the requirements and procedures contained in the applicable performance specification of 40 CFR Part 60, appendix B. [LAC 33:III.5113.C.5.a]

863 Submit report: Due to DEQ within 60 days of the performance evaluation of the CMS, if requested. Furnish DEQ with two or more copies of a written report of the test results within 60 days. [LAC 33:III.5113.C.5.a]

864 Install all continuous monitoring systems or monitoring devices to make representative measurements under variable process or operating parameters, if required to install a CMS. [LAC 33:III.5113.C.5.d]

865 Collect and reduce all data as specified in LAC 33:III.5113.C.5.e.i and ii, if required to install a CMS. [LAC 33:III.5113.C.5.e]

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866 Submit plan: Due to the Office of Environmental Assessment, Environmental Technology Division within 90 days after DEQ requests either the initial plan or an updated plan, if required by DEQ to install a continuous monitoring system. Submit for approval a plan describing the affected sources and the methods for ensuring compliance with the continuous monitoring system. [LAC 33:III.5113.C.5]

867 Maintain records of monitoring data, monitoring system calibration checks, and the occurrence and duration of any period during which the monitoring system is malfunctioning or inoperative. Maintain these records at the source, or at an alternative location approved by DEQ, for a minimum of three years and make available, upon request, for inspection by DEQ. [LAC 33:III.5113.C.7]

868 Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 5 when the administrative authority declares an Air Pollution Alert. [LAC 33:III.5609.A.1.b]

869 Activate the preplanned strategy listed in LAC 33:III.5611.Table 6 when the administrative authority declares an Air Pollution Warning. [LAC 33:III.5609.A.2.b]

870 Activate the preplanned abatement strategy listed in LAC 33:III.5611.Table 7 when the administrative authority declares an Air Pollution Emergency. [LAC 33:III.5609.A.3.b]

871 Prepare standby plans for the reduction of emissions during periods of Air Pollution Alert, Air Pollution Warning and Air Pollution Emergency. Design standby plans to reduce or eliminate emissions in accordance with the objectives as set forth in LAC 33:III.5611.Tables 5, 6, and 7. [LAC 33:III.5609.A]

872 Comply with the provisions in 40 CFR 68, except as specified in LAC 33:III.5901. [LAC 33:III.5901.A]

873 Identify hazards that may result from accidental releases of the substances listed in 40 CFR 68.130, Table 59.0 of LAC 33:III.5907, or Table 59.1of LAC 33:III.5913 using appropriate hazard assessment techniques, design and maintain a safe facility, and minimize the off-site consequences of accidental releases of such substances that do occur. [LAC 33:III.5907]

874 Submit registration: Due January 31, 1998, or within 60 days after the source becomes subject to LAC 33:III.Chapter 59, whichever is later. Include the information listed in LAC 33:III.5911.B, and submit to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division. [LAC 33:III.5911.A]

875 Submit amended registration: Due to the Department of Environmental Quality, Office of Environmental Compliance, Surveillance Division within 60 days after the information in the submitted registration is no longer accurate. [LAC 33:III.5911.C]

876 Submit Emission Inventory (EI)/Annual Emissions Statement: Due annually, by the 31st of March for the period January 1 to December 31 of the previous year. Submit emission inventory data in the format specified by the Office of Environmental Assessment, Environmental Evaluation Division. Include all data applicable to the emissions source(s), as specified in LAC 33:III.919.A-D. [LAC 33:III.919.D]

877 Comply with the requirements of PSD-LA-581-M3. This permit includes provisions of the Prevention of Significant Deterioration (PSD) review from Permit PSD-LA-581-M3. [40 CFR 52.21]

878 All affected facilities shall comply with all applicable provisions in 40 CFR 60 Subpart A. [40 CFR 60]

879 Achieve compliance with the provisions of 40 CFR 63 Subpart S for each new source, specified as the total of all HAP emission points for the sources specified in 40 CFR 63.440(c), upon start-up or June 15, 1998, whichever is later, as provided in 40 CFR 63.6(b). Subpart S. [40 CFR 63.440(e)]

880 Equipment/operational data monitored by CMS continuously. Measure the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]
Which Months: All Year Statistical Basis: None specified

881 Equipment/operational data recordkeeping by recorder continuously. Record the appropriate parameters determined according to the procedures specified in 40 CFR 63.453(n) to comply with the condensate applicability requirements specified in 40 CFR 63.446(c). Subpart S. [40 CFR 63.453(i)]

882 Install a CMS and establish appropriate operating parameters to be monitored that demonstrate, to the DEQ's satisfaction, continuous compliance with the applicable control requirements. Subpart S. [40 CFR 63.453(m)]

883 Use the procedures specified in 40 CFR 63.453(n)(1) through (n)(4) to establish or reestablish the value for each operating parameter required to be monitored under 40 CFR 63.453(b) through (j), (l), and (m) or to establish appropriate parameters for 40 CFR 63.453(f), (i), (j)(2), and (m). Subpart S. [40 CFR 63.453(n)]

884 Comply with the recordkeeping requirements of 40 CFR 63.10, as shown in table 1 of Subpart S. Subpart S. [40 CFR 63.454(a)]

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885 Monitoring data recordkeeping by electronic or hard copy continuously. Record the CMS parameters specified in 40 CFR 63.453 and meet the requirements specified in 40 CFR 63.454(a) for any new affected process equipment or pulping process condensate stream that becomes subject to the standards in 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.454(d)]

886 Comply with the reporting requirements of 40 CFR 63 Subpart A as specified in 40 CFR 63 Subpart S, table 1. Subpart S. [40 CFR 63.455(a)]

887 Meet the requirements specified in 40 CFR 63.455(a) upon startup of any new affected process equipment or pulping process condensate stream that becomes subject to the standards of 40 CFR 63 Subpart S due to a process change or modification. Subpart S. [40 CFR 63.455(d)]

888 Determine compliance with the provisions of 40 CFR 63 Subpart S by using the test methods and procedures specified in 40 CFR 63.457(a) through (n), as applicable. Subpart S. [40 CFR 63.457]

889 Comply with all applicable provisions of 40 CFR 63 Subpart DDDDD. [40 CFR 63.7480-7575]

890 Implement corrective action, as specified in the startup, shutdown and malfunction plan prepared under 63.866(a), if the monitoring exceedances in 40 CFR 63.864(k)(1)(i) through (k)(1)(vi) occur. Subpart MM. [40 CFR 63.864(k)(1)]

891 Develop and implement a written startup, shutdown, and malfunction plan as described in 40 CFR 63.6(e)(3) that contains specific procedures to be followed for operating the source and maintaining the source during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and control systems used to comply with the standards. In addition to the information required in 40 CFR 63.6(e), include the requirements in paragraphs 40 CFR 63.866(a)(1) and (2). Subpart MM. [40 CFR 63.866(a)]

892 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain records of any occurrence when corrective action is required under 40 CFR 63.864(k)(1) and when a violation is noted under 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.866(b)]

893 Equipment/operational data recordkeeping by electronic or hard copy continuously. Maintain the general records required by 40 CFR 63.10(b)(2), and the information specified in 40 CFR 63.866(c)(1) through (c)(6). Subpart MM. [40 CFR 63.866(c)]

894 Submit the applicable notifications from 40 CFR 63, Subpart A, as specified in 40 CFR 63, Subpart MM, Table 1. Subpart MM. [40 CFR 63.867(a)(1)]

895 Submit notification: Due to DEQ before any of the actions in 40 CFR 63.867(b)(3)(i) through (b)(3)(iv) are taken. Subpart MM. [40 CFR 63.867(b)(3)]

896 Submit documentation: Due before performing the actions in 40 CFR 63.867(b)(3)(i) or (ii). Recalculate the overall PM emissions limit for the group of process units and resubmit the documentation required in 40 CFR 63.867(b)(2) to the DEQ. Subpart MM. [40 CFR 63.867(b)(4)]

897 Submit the PM emissions limits determined in 40 CFR 63.865(a) and the calculation and supporting documentation used in 40 CFR 63.865(a)(1) and (a)(2) to DEQ as part of the notification of compliance status required under 40 CFR 63 Subpart A. Subpart MM. [40 CFR 63.867(b)]

898 Submit excess emissions report: Due semiannually when no exceedances of parameters have occurred. Include a statement that no excess emissions occurred during the reporting period. Subpart MM. [40 CFR 63.867(c)(1)]

899 Submit excess emissions report: Due quarterly if measured parameters meet any of the conditions specified in 40 CFR 63.864(k)(1) or (k)(2). Include the information specified in 40 CFR 63.10(c) as well as the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(1), and the number and duration of occurrences when the source met or exceeded the conditions in 40 CFR 63.864(k)(2). Subpart MM. [40 CFR 63.867(c)]

900 All affected facilities shall comply with all applicable provisions in 40 CFR 63 Subpart A as delineated in Table 1 of 40 CFR 63 Subpart S, KK, MM, and Table 10 of 40 CFR 63 Subpart DDDDD. [40 CFR 63]

901 Submit Title V permit application for renewal: Due 180 calendar days before permit expiration date. [40 CFR 70.5(a)(1)(iii)]

902 Submit Title V monitoring results report: Due semiannually, by March 31st and September 30th for the preceding periods encompassing July through December and January through June, respectively. Submit reports to the Office of Environmental Compliance, Surveillance Division. Certify reports by a responsible company official. Clearly identify all instances of deviations from permitted monitoring requirements. For previously reported deviations, in lieu of attaching the individual deviation reports, clearly reference the communication(s)/correspondence(s) constituting the prior report, including the date the prior report was submitted. [40 CFR 70.6(a)(3)(iii)(A)]

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903 Submit Title V excess emissions report: Due quarterly, by June 30, September 30, December 31, March 31. Submit reports of all permit deviations to the Office of Environmental Compliance, Surveillance Division. Certify all reports by a responsible official in accordance with 40 CFR 70.5(d). The reports submitted on March 31 and September 30 may be consolidated with the semi-annual reports required by 40 CFR 70.6(a)(3)(iii)(A) as long as the report clearly indicates this and all required information is included and clearly delineated in the consolidated report. [40 CFR 70.6(a)(3)(iii)(B)]

904 Submit Title V compliance certification: Due annually, by the 31st of March. Submit to the Office of Environmental Compliance, Surveillance Division. [40 CFR 70.6(c)(5)(iv)]

GRP018 127 - Interim Steam-Generating Units Emissions CAP

905 Upon achievement of normal operations these interim limits will be replaced by Group 15 limits. [AE-CN-03-0319]. [LAC 33:III.501.C.6]

906 Until normal operation of the No. 6 CFB Boileris achieved, the boilers in this group shall operate in compliance with the emission rates listed on a cumulative 12-month basis. Emissions will be calculated monthly using CEM data where available and fuel usage and heat input data where CEM data are not available. Emissions will be summed monthly to determine the 12-month cumulative totals, and records of monthly and 12-month cumulative emissions shall be maintained on site. [40 CFR 52]