

Part 70 Operating Permit Amendment

Permit Amendment No.: 2631-115-0021-V-01-4

Effective Date: October 13, 2004

Facility Name: Inland Paperboard and Packaging, Inc. – Rome Linerboard Mill
238 Mays Bridge Road
Rome, Georgia 30165, Floyd County

Mailing Address: P.O. Box 1551
Rome, Georgia 30165

Parent/Holding Company: Temple Inland, Inc.

Facility AIRS Number: 04-13-115-00021

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued a construction permit for:

The conversion of Recovery Furnace 3 to Waste Fuel Boiler WF; the modification of Recovery Furnace 5 including improvements to the liquor firing and over fired air systems; the addition of fuel oil burners to Recovery Furnace 5 and Package Boiler 2; modifications to Power Boiler 4; modification of the F Evaporator set steam configuration; collection of off gases from the washer systems with combustion in Waste Fuel Boiler WF (or utilization of the clean condensate alternative), replacement of inlet piping to the primary headbox on Linerboard Machine P1; replacement of the primary headbox on Linerboard Machine P2; and the decommissioning of Power Boilers 1, 2, and 3, Lime Kiln 3A, Recovery Furnace 4, Smelt Dissolving Tanks 3 and 4, and the H-washer. The Power Boiler 4 modification will include the installation of larger, low NO_x burners, the replacement of the steam generating bank, and other steam tube replacements. Approval of the installation and operation of Diesel Tank FT1 is also included. The amendment is also for the removal of requirements under 40 CFR 279.11, the update of the steam stripper process wastewater column feed excursion temperature, and the inclusion of approval for the installation and operation of the Recycle Fiber Plant.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Permit Amendment and Permit No. 2631-115-0021-V-01-0. Unless modified or revoked, this Permit Amendment expires upon issuance of the next Part 70 Permit for this source.

This Permit Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in Application No. 14756 dated October 3, 2003 and Application No. 14801 dated October 28, 2003; any other applications upon which this Permit Amendment or Permit No. 2631-115-0021-V-01-0 are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Permit Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached 52 pages, which pages are a part of this Permit Amendment, and which hereby become part of Permit No. 2631-115-0021-V-01-0.

Director
Environmental Protection Division

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PART 1.0 FACILITY DESCRIPTION

1.3 Process Description of Modification

The Inland Paperboard and Packaging, Inc. – Rome Linerboard Mill (Inland) mill optimization project includes modifications to several units at the plant. The goal of the project is to provide the mill with a more reliable source of steam and to reduce operating costs. When the project is complete, the mill's maximum production capacity on an annual basis is expected to be 2,600 machine dried tons of linerboard per day.

Recovery Furnace 4 will be decommissioned and Recovery Furnace 3 will be converted to Waste Fuel Boiler WF. Waste Fuel Boiler WF may also be used to comply with Phase II of 40 CFR 63 Subpart S.

Recovery Furnace 5 will be modified to increase black liquor processing capacity. The furnace will also be fitted with load bearing fuel oil burners.

Lime Kiln 3A will be decommissioned. Smelt Tanks 3 and 4 will be decommissioned. Power Boilers 1, 2, and 3 will be decommissioned. The H-Washer will be decommissioned.

Power Boiler 4 will be modified through the replacement of steam tubes and the upgrade of the coal burners to low NO_x burners. Load bearing oil burners will be installed on Package Boiler 2. The unit will become a base load boiler rather than a backup unit.

Modifications will be made to the feed systems of Linerboard Machines P1 and P2 to improve performance.

A steam savings project will be completed for the F Evaporator Set. The project includes modifications to the flash tank and the addition of a heat exchanger. The plant will also re-pipe the steam stripper so it can receive steam directly from the mill steam header rather than from the concentrator.

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PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

3.1.4 Emission Units

Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
LK1	Lime Kiln 1A	40 CFR 52.21, 40 CFR 60 Subpart BB, 40 CFR 63 Subpart S, 40 CFR 63 Subpart MM, 391-3-1-.02(2)(b), 391-3-1-.02(2)(e), 391-3-1-.02(2)(g), 391-3-1-.02(2)(gg)	3.3.1, 3.3.36, 3.3.40 through 3.3.50, 3.3.82, 3.4.1, 3.4.2, 3.4.21, 3.3.52 through 3.3.54, 4.2.1, 4.2.2, 4.2.18, 4.2.27 through 4.2.30, 5.2.1 through 5.2.8, 5.3.1, 6.1.7, 6.2.19, 6.2.20, 6.2.27, 6.2.28, 6.2.31, 6.2.34 through 6.2.38, and 6.2.46 through 6.2.52*	LK1D, LK1S	Multiclone, Venturi Scrubber
LK2	Lime Kiln 2A	40 CFR 52.21, 40 CFR 63 Subpart S, 40 CFR 63 Subpart MM, 391-3-1-.02(2)(b), 391-3-1-.02(2)(e), 391-3-1-.02(2)(g), 391-3-1-.02(2)(gg)	3.3.2, 3.3.36, 3.3.40 through 3.3.50, 3.3.59, 3.3.82, 3.3.53, 3.3.54, 3.4.1 through 3.4.3, 3.4.21, 4.2.1, 4.2.2, 4.2.18, 4.2.27 through 4.2.30, 5.2.1 through 5.2.8, 5.3.1, 6.1.7, 6.2.19, 6.2.20, 6.2.27, 6.2.28, 6.2.31, 6.2.34 through 6.2.38, and 6.2.46 through 6.2.52*	LK2D, LK2S	Multiclone, Venturi Scrubber
LK3	Lime Kiln 3A	Deleted	Deleted	Deleted	Deleted
RF3	Recovery Furnace 3	Deleted	Deleted	Deleted	Deleted
RF4	Recovery Furnace 4	Deleted	Deleted	Deleted	Deleted
RF5	Recovery Furnace 5	40 CFR 52.21, 40 CFR 60 Subpart BB, 40 CFR 60 Subpart Db, 40 CFR 63 Subpart MM, 391-3-1-.02(2)(b), 391-3-1-.02(2)(e), 391-3-1-.02(2)(g), 391-3-1-.02(2)(gg)	3.3.6 through 3.3.8, 3.3.52 through 3.3.54, 3.3.60 through 3.3.62, 3.3.82, 3.4.5, 4.2.1, 4.2.2, 4.2.20, 4.2.26 through 4.2.30, 5.2.1 through 5.2.3, 5.2.19, 5.2.21, 5.3.1, 6.1.7, 6.2.21 through 6.2.23, 6.2.27, 6.2.28, and 6.2.44 through 6.2.53*	ESP5	Electrostatic Precipitator 5
ST3	Smelt Tank 3	Deleted	Deleted	Deleted	Deleted
ST4	Smelt Tank 4	Deleted	Deleted	Deleted	Deleted
ST5	Smelt Tank 5	40CFR 52.21, 40CFR 60 Subpart BB, 40 CFR 63 Subpart MM, 391-3-1-.02(2)(b), 391-3-1-.02(2)(e), 391-3-1-.02(2)(gg)	3.3.11, 3.3.52 through 3.3.54, 3.3.82, 3.4.8, 3.4.9, 4.2.1, 4.2.2, 4.2.19, 4.2.26 through 4.2.30, 5.2.2, 5.3.1, and 6.2.46 through 6.2.52*	ST5D	Wet Scrubber (Single Nozzle Spray and Showers)
PB1	Power Boiler 1	Deleted	Deleted	Deleted	Deleted

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Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
PB2	Power Boiler 2	Deleted	Deleted	Deleted	Deleted
PB3	Power Boiler 3	Deleted	Deleted	Deleted	Deleted
PB4	Power Boiler 4	40 CFR 52.21, 40 CFR 60 Subpart BB 391-3-1-.02(2)(b), 391-3-1-.02(2)(d), 391-3-1-.02(2)(g), 391-3-1-.02(2)(gg)	3.3.13, 3.3.38, 3.3.52, 3.3.63 through 3.3.67, 3.3.79 through 3.3.81, 3.4.11, 3.4.21, 4.2.1, 4.2.2, 4.2.21, 5.2.1, 5.2.2, 5.3.1, 6.1.7, 6.2.25 through 6.2.29, 6.2.44, 6.2.45, and 6.2.54*	PB4M, ESP6	Multiclone 4, Electrostatic Precipitator 6
PK1	Package Boiler 1	Deleted	Deleted	Deleted	Deleted
BB1	Bark Boiler 1	Deleted	Deleted	Deleted	Deleted
CT1	Combustion Turbine 1	Deleted	Deleted	Deleted	Deleted
CT2	Combustion Turbine 2	Deleted	Deleted	Deleted	Deleted
KP01, KP05, KP08, KP15	Batch Digester 1, Batch Digester 5, Batch Digester 8, Batch Digester 15	391-3-1-.02(2)(gg), 40 CFR 60 Subpart BB, 40 CFR 63 Subpart S	3.3.36, 3.3.40 through 3.3.50, 3.3.52, 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, 6.2.34 through 6.2.38, and 6.2.43*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)
KP02, KP03, KP04, KP06, KP07, KP09, KP10, KP11, KP12, KP13, KP14	Batch Digester 2, Batch Digester 3, Batch Digester 4, Batch Digester 6, Batch Digester 7, Batch Digester 9, Batch Digester 10, Batch Digester 11, Batch Digester 12, Batch Digester 13, Batch Digester 14	391-3-1-.02(2)(gg), 40 CFR 60 Subpart BB, 40 CFR 63 Subpart S	3.3.36, 3.3.40 through 3.3.50, 3.3.52, 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)
KP16, KP17, KP18	Blow Tanks / Accumulators	391-3-1-.02(2)(gg), 40 CFR 60 Subpart BB, 40 CFR 63 Subpart S	3.3.36, 3.3.40 through 3.3.50, 3.3.52, 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)
KP19, KP20, KP21, KP22, KP23	Turpentine Recovery System: Condensers and Decanters	40 CFR 63 Subpart S	3.3.40 through 3.3.50, 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)
EV01, EV02, EV03, EV04, EV05	Evaporator System: Evaporator A Evaporator System: Evaporator B Evaporator System: Evaporator C Evaporator System: Evaporator D Evaporator System: Evaporator E	391-3-1-.02(2)(gg), 40 CFR 63 Subpart S	3.3.36, 3.3.40 through 3.3.50, 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)
EV06, EV07, EV08	Evaporator System: Pre-evaporator F Evaporator System: Concentrator F Evaporator System: Concentrator G	391-3-1-.02(2)(gg), 40 CFR 60 Subpart BB, 40 CFR 63 Subpart S	3.3.36, 3.3.40 through 3.3.50, 3.3.52, 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)

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Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
EV09	Evaporator System Condensate Steam Stripper	40 CFR 60 Subpart BB, 40 CFR 63 Subpart S	3.3.36, 3.3.40 through 3.3.50, 3.3.52, 3.3.53, 5.2.2, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	LK11, LK2I	Lime Kiln 1A, Lime Kiln 2A
EV10	Condensate Treatment Tank	40 CFR 60 Subpart Kb, 40 CFR 63 Subpart S	3.3.40 through 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.39*	LK1I, LK2I, EV09, WW	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper, Wastewater Treatment (Biological Treatment)
EV11	Foul Condensate Tank	40 CFR 60 Subpart Kb, 40 CFR 63 Subpart S	3.3.40 through 3.3.53, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.39*	LK1I, LK2I, EV09	Lime Kiln 1A, Lime Kiln 2A, Steam Stripper
WE, WF, WG	Brownstock Washers, Knotters, Screens, Deckers, Filtrate and Foam Tanks	40 CFR 63 Subpart S	3.3.40 through 3.3.50, 3.3.52, 3.3.53, 5.2.3 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	WF	Waste Fuel Boiler
C101, C301	Slaker 1, Slaker 3	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	None	None
C201	Slaker 2	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	C201S	Wet Scrubber (Product Recovery)
SC31	RF 3 Salt Cake Mix Tank 1	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	None	None
SC32	RF 3 Salt Cake Mix Tank 2	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	SC3D	Wet Scrubber (Demister)
SC41	RF 4 Salt Cake Mix Tank 1	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	None	None
SC42	RF 4 Salt Cake Mix Tank 2	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	SC4D	Wet Scrubber (Demister)
SC51, SC52	RF 5 Salt Cake Mix Tanks	391-3-1-.02(2)(b), 391-3-1-.02(2)(e)	3.4.27 and 3.4.28*	None	None
WW	Wastewater Treatment System	40 CFR 63 Subpart S	3.3.40 through 3.3.50, 3.3.53, 4.2.13, 4.2.14, 5.2.4 through 5.2.8, 5.3.1, 6.1.7, and 6.2.34 through 6.2.38*	None	None
WY	Woodyard System	391-3-1-.02(2)(b), 391-3-1-.02(2)(e), 391-3-1-.02(2)(n)	3.4.23 through 3.4.26 and 6.2.33*	None	None
RD	Roads	391-3-1-.02(2)(n)	3.4.25, 3.4.26, and 6.2.33*	None	None
P1, P2	Paper Machine Systems	40 CFR 52.21	3.2.1, 6.2.1, and 6.2.65*	None	None
BL	Weak Black Liquor Storage Tanks	None	None*	None	None
C1, C2, C3	Causticizing Lines 1 through 3 (except Slakers and Lime Silos)	None	None*	None	None
TO	Tall Oil Plant	None	None*	None	None
GL	Green Liquor Clarification	None	None*	None	None

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Emission Units		Specific Limitations/Requirements		Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	Corresponding Permit Conditions	ID No.	Description
PK2	Package Boiler 2	40 CFR 52.21, 40 CFR 60 Subpart Db, 391-3-1-.02(2)(d), 391-3-1-.02(2)(g), 391-3-1-.02(2)(lll)	3.3.52, 3.3.55 through 3.3.57, 3.3.68, 3.3.69, 3.4.31, 4.2.1, 4.2.2, 4.2.15 through 4.2.17, 4.2.22, 5.2.1, 5.2.2, 5.2.16, 5.2.17, 5.3.1, 5.3.4, 6.1.7, 6.2.27, 6.2.28, 6.2.42, 6.2.44, 6.2.45, and 6.2.55 through 6.2.57*	None	None
WF	Waste Fuel Boiler WF	40 CFR 52.21, 40 CFR 60 Subpart Db, 40 CFR 61 Subpart E, 40 CFR 63 Subpart S, 391-3-1-.02(2)(g)	3.3.40, 3.3.42 through 3.3.50, 3.3.52, 3.3.53, 3.3.70 through 3.3.76, 3.3.79 through 3.3.81, 3.4.21, 3.4.32, 3.4.33, 4.2.1, 4.2.2, 4.2.23 through 4.2.25, 5.2.1 through 5.2.3, 5.2.19, 5.2.20, 5.3.1, 5.3.4, 6.1.7, 6.2.27, 6.2.28, 6.2.30, 6.2.34 through 6.2.38, 6.2.44, 6.2.45, 6.2.58 through 6.2.64, and 6.2.66*	ESP3	Electrostatic Precipitator 3
RF	Recycle Fiber Plant	None	None*	None	None

* Generally applicable requirements contained in this permit may also apply to emission units listed above.

3.2 Equipment Emission Caps and Operating Limits

3.2.1 The Permittee shall limit production of linerboard such that the total tons of linerboard produced will not exceed 949,000 scaled tons during any twelve consecutive months. “Scaled tons” is defined as the weight of the finished product as weighed at the final product scales.
[40 CFR 52.21]

3.2.2 Deleted.

3.3 Equipment Federal Rule Standards

Lime Kiln 1A

- 3.3.1 The Permittee shall not discharge into the atmosphere from Lime Kiln 1A any gases which:
- a. Contain particulate matter in excess of 0.067 grains per dscf corrected to 10 percent oxygen while burning natural gas.
[40 CFR 60 Subpart BB]
 - b. Contain particulate matter in excess of 0.106 grains per dscf corrected to 10 percent oxygen while burning fuel oil.
[40 CFR 63 Subpart MM; 40 CFR 63.862(a)(1)(i); 40 CFR 60 Subpart BB Subsumed]

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- c. Contain total reduced sulfur in excess of 8 ppm on a dry basis corrected to 10 percent oxygen.
[40 CFR 60 Subpart BB; Georgia Rule 391-3-1-.02(2)(gg) Subsumed]
- d. Contain sulfur dioxide in excess of 9.79 pounds per hour.
[40 CFR 52.21]

Lime Kiln 2A

- 3.3.2 The Permittee shall not discharge into the atmosphere from Lime Kiln 2A any gases which contain sulfur dioxide in excess of 9.04 pounds per hour.
[40 CFR 52.21]

Lime Kiln 3A

- 3.3.3 Deleted.

Recovery Furnace 3

- 3.3.4 Deleted.

Recovery Furnace 4

- 3.3.5 Deleted.

Recovery Furnace 5

- 3.3.6 The Permittee shall not discharge into the atmosphere from Recovery Furnace 5 any gases which:
 - a. Contain particulate matter in excess of 0.021 grains per dscf corrected to 8 percent oxygen.
[40 CFR 52.21; 40 CFR 63 Subpart MM; 40 CFR 60 Subpart BB Subsumed]
 - b. Contain total reduced sulfur in excess of 5 ppm on a dry basis corrected to 8 percent oxygen.
[40 CFR 52.21; 40 CFR 60 Subpart BB; Georgia Rule 391-3-1-.02(2)(gg) Subsumed]
 - c. Contain sulfur dioxide in excess of 486.0 pounds per hour.
[40 CFR 52.21]
 - d. Exhibit the opacity of which is equal to or greater than thirty-five (35) percent when no fossil fuel is being fired.
[40 CFR 60 Subpart BB; Georgia Rule 391-3-1-.02(2)(b) Subsumed]
 - e. Exhibit the opacity of which is equal to or greater than twenty (20) percent, except for one six minute period per hour of not more than twenty-seven (27) percent opacity, when fossil fuel is fired.
[40 CFR 60 Subpart Db; Georgia Rule 391-3-1-.02(2)(b) Subsumed]

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- f. Contain carbon monoxide in excess of 650 ppm corrected to 8 percent oxygen when burning black liquor solids.
[40 CFR 52.21]
 - g. Contain volatile organic compounds in excess of 0.040 pounds per million BTU heat input of black liquor solids burned.
[40 CFR 52.21]
 - h. Contain hydrogen sulfide in excess of 4 ppm on a dry basis corrected to 8 percent oxygen.
[40 CFR 52.21]
 - i. Contain carbon monoxide in excess 0.20 pounds per million BTU heat input when firing fuel oil alone.
[40 CFR 52.21]
 - j. Contain volatile organic compounds in excess of 0.02 pounds per million BTU heat input when firing fuel oil alone.
[40 CFR 52.21]
- 3.3.8 The Permittee shall burn no fuel oil other than “very low sulfur oil” in Recovery Furnace 5. Very low sulfur fuel oil means an oil that contains no more than 0.5 weight percent sulfur. [40 CFR 60 Subpart Db Avoidance for SO₂ and PM; Georgia Rule 391-3-1-.02(2)(g) Subsumed]

Smelt Tank 3

3.3.9 Deleted.

Smelt Tank 4

3.3.10 Deleted.

Smelt Tank 5

- 3.3.11 The Permittee shall not discharge into the atmosphere from Smelt Tank 5 any gases which:
- a. Contain particulate matter in excess of 0.14 pounds per ton of black liquor solids, dry basis.
[40 CFR 52.21; 40 CFR 63 Subpart MM; 40 CFR 63.862(a)(1)(i); 391-3-1-.02(2)(e) Subsumed]
 - b. Contain sulfur dioxide in excess of 1.77 pounds per hour.
[40 CFR 52.21]

Power Boilers 1 and 3

3.3.12 Deleted.

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Power Boiler 4

- 3.3.13 The Permittee shall not discharge into the atmosphere from Power Boiler 4 any gases which contain sulfur dioxide in excess of:
- a. 1,130.0 pounds per hour.
[40 CFR 52.21]
 - b. 3,837 tons per twelve consecutive month period.
[40 CFR 52.21 Avoidance]

Power Island

Power Boiler 4

- 3.3.14 Deleted.
3.3.15 Deleted.

Package Boiler 1

- 3.3.16 Deleted.
3.3.17 Deleted.
3.3.18 Deleted.
3.3.19 Deleted.
3.3.20 Deleted.
3.3.21 Deleted.
3.3.22 Deleted.

Bark Boiler 1

- 3.3.23 Deleted.
3.3.24 Deleted.
3.3.25 Deleted.
3.3.26 Deleted.
3.3.27 Deleted.
3.3.28 Deleted.
3.3.29 Deleted.
3.3.30 Deleted.

Combustion Turbines 1 and 2

- 3.3.31 Deleted.
3.3.32 Deleted.
3.3.33 Deleted.
3.3.34 Deleted.

Combustion Turbines 1 and 2, Package Boiler 1, Power Boiler 4, and Bark Boiler 1

- 3.3.35 Deleted.

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Digester System, Multiple-Effect Evaporator System, and Condensate Stripper System

- 3.3.36 The Permittee shall combust the gases from the Digester System, Multiple-Effect Evaporator System, and Condensate Stripper System in Lime Kiln 1A or Lime Kiln 2A. [40 CFR 60 Subpart BB and 391-3-1-.02(2)(gg)]

WH Brownstock Washer System

- 3.3.38 Deleted.

Fuel (General)

- 3.3.39 Deleted.

Cluster Rule

Cluster Rule (Vents)

- 3.3.41 The Permittee shall reduce total HAP emissions from each LVHC system using Lime Kiln 1A or Lime Kiln 2A by introducing the HAP emissions stream with the primary fuel or into the flame zone. The LVHC system is defined as the collection of equipment including the digester, turpentine recovery, evaporator, stream stripper systems, and any other equipment serving the same function as those previously listed. [40 CFR 63.443(a)(1)(i); 40 CFR 63.440(d); 40 CFR 63.443(d)(4)]
- 3.3.42 The Permittee shall reduce total HAP emissions from each HVLC system listed below using Waste Fuel Boiler WF by introducing the HAP emissions stream with the primary fuel or into the flame zone. The Permittee shall achieve compliance with 40 CFR 63.443 no later than April 17, 2006: [40 CFR 63.443(a)(1)(ii) through (v) and 40 CFR 63.440(d)(1)]
- a. Each knotter or screen system with total HAP mass emission rates as specified below:
 - i. Each knotter system with emission of 0.05 kg or more of total HAP per megagram of ODP (0.1 lb/ton).
 - ii. Each screen system with emission of 0.10 kg or more of total HAP per megagram of ODP (0.2 lb/ton).
 - iii. Each knotter and screen system with emission of 0.15 kg or more total HAP per megagram of ODP (0.3 lb/ton).
 - b. Each pulp washing system;
 - c. Each decker system that uses any process water other than freshwater or paper machine white water or any process water with a total HAP concentration greater than 400 ppm by weight; and
 - d. Each oxygen delignification system.

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As an alternative to the above requirements as specified in 40 CFR 63.443(a)(1)(ii) through (a)(1)(v) for the control of HAP emissions, the Permittee may comply with the Clean Condensate Alternative. The Permittee must demonstrate, to the satisfaction of the Division, by meeting all of the requirements specified in 40 CFR 63.447, that the total HAP emissions reductions achieved by the clean condensate alternative technology are equal to or greater than the total HAP emissions reductions that would have been achieved by compliance with 40 CFR 63.443(a)(1)(ii) through (a)(1)(v).

Package Boiler 2

3.3.57 The Permittee shall not fire any fuel other than natural gas or “very low sulfur oil” in Package Boiler 2. Very low sulfur fuel oil means an oil that contains no more than 0.5 weight percent sulfur.
[40 CFR 52.21 Avoidance; 40 CFR 60 Subpart Db Avoidance for SO₂ and PM; Georgia Rule 391-3-1-.02(2)(g) Subsumed]

3.3.58 Deleted.

Lime Kiln 2A

3.3.59 The Permittee shall not discharge into the atmosphere from Lime Kiln 2A any gases which contain particulate matter in excess of 0.155 grains per dscf corrected to 10 percent oxygen.
[40 CFR 63 Subpart MM; 40 CFR 63.862(a)(1)(i)]

Recovery Furnace 5

3.3.60 The Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, for Recovery Furnace 5.
[40 CFR 60 Subpart Db]

3.3.61 The Permittee shall not fire more than 1.3 million gallons of fuel oil per any twelve month consecutive period in Recovery Furnace 5 when not co-firing with black liquor solids.
[40 CFR 52.21 Avoidance]

3.3.62 The Permittee shall not operate Recovery Furnace 5 at a black liquor firing rate in excess of 5.3 million pounds of black liquor solids per day.
[40 CFR 52.21 Avoidance]

Power Boiler 4

3.3.63 The Permittee shall not discharge into the atmosphere from Power Boiler 4 any gases which:

- a. Contain particulate matter in excess of 0.050 lb per million BTU heat input.
[40 CFR 52.21; 391-3-1-.02(2)(d) Subsumed]

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- b. Contain carbon monoxide in excess of 300 ppm corrected to 3 percent oxygen.
[40 CFR 52.21]
 - c. Contain nitrogen oxides in excess of 0.50 pounds per million BTU heat input.
[40 CFR 52.21 Avoidance]
 - d. Contain volatile organic compounds in excess of 0.010 pounds per million BTU heat input.
[40 CFR 52.21]
- 3.3.64 The Permittee shall only burn coal, No. 2 fuel oil, No. 5 fuel oil, or used oil in Power Boiler 4.
[Avoidance of 40 CFR 52.21]
- 3.3.65 The Permittee shall not fire more than 35,352,857 gallons of fuel oil per any twelve month consecutive period in Power Boiler 4.
[40 CFR 52.21 Avoidance]
- 3.3.66 The Permittee shall not burn coal containing more than 1.29 percent sulfur, by weight, in Power Boiler 4.
[40 CFR 52.21 Avoidance; Georgia Rule 391-3-1-.02(2)(g) Subsumed]
- 3.3.67 The Permittee shall burn no fuel oil containing more than 0.5 percent sulfur, by weight, in Power Boiler 4.
[40 CFR 52.21 Avoidance; Georgia Rule 391-3-1-.02(2)(g) Subsumed]

Package Boiler 2

- 3.3.68 The Permittee shall not discharge into the atmosphere from Package Boiler 2 any gases which:
- a. Contain particulate matter in excess of 0.050 pounds per million BTU heat input.
[40 CFR 52.21; Georgia Rule 391-3-1-.02(2)(d) Subsumed]
 - b. Exhibit the opacity of which is equal to or greater than twenty (20) percent, except for one six minute period per hour of not more than twenty-seven (27) percent opacity.
[40 CFR 60 Subpart Db and Georgia Rule 391-3-1-.02(2)(d); Georgia Rule 391-3-1-.02(2)(b) Subsumed]
 - c. Contain carbon monoxide in excess of 0.20 pounds per million BTU heat input.
[40 CFR 52.21]
 - d. Contain volatile organic compounds in excess of 0.020 pounds per million BTU heat input.
[40 CFR 52.21]
 - e. Contain sulfur dioxide in excess of 110 pounds per hour.
[40 CFR 52.21 Avoidance]

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- 3.3.69 The Permittee shall not fire more than 3 million gallons of fuel oil per any twelve month consecutive period in Package Boiler 2.
[40 CFR 52.21 Avoidance]

Waste Fuel Boiler WF

- 3.3.70 The Permittee shall comply with all applicable requirements of 40 CFR 60 Subpart Db – Standards of Performance for Industrial-Commercial-Institutional Steam Generating Units, for the Waste Fuel Boiler (Source Code WF).
[40 CFR 60 Subpart Db]
- 3.3.71 The Permittee shall burn no fuel oil other than “very low sulfur oil” in Waste Fuel Boiler WF. Very low sulfur fuel oil means an oil that contains no more than 0.5 weight percent sulfur.
[40 CFR 60 Subpart Db; Georgia Rule 391-3-1-.02(2)(g) Subsumed for Oil; 40 CFR 52.21 Avoidance]
- 3.3.72 The annual capacity factor for oil fired in Waste Fuel Boiler WF shall be 10 percent or less. The annual capacity is the ratio between the actual heat input to the boiler from oil during a calendar year and the potential heat input to the boiler had it been operated 8,760 hours during a calendar year at maximum steady state design heat input capacity.
[40 CFR 60 Subpart Db Avoidance for NO_x Limits]
- 3.3.73 The Permittee shall only burn wood residue, waste wood, bark, No. 2 fuel oil, No. 5 fuel oil, used oil, tire derived fuel (TDF), wastewater sludge, recycle fiber waste, HVLC NCGs, and recovered boiler ash in Waste Fuel Boiler WF.
[Avoidance of 40 CFR 52.21]
- 3.3.74 The Permittee shall not discharge into the atmosphere from Waste Fuel Boiler WF any gases which:
- a. Contain particulate matter in excess of 0.025 pounds per million BTU heat input.
[40 CFR 52.21; 40 CFR 60 Subpart Db and Georgia Rule 391-3-1-.02(2)(d) Subsumed]
 - b. Contain carbon monoxide in excess of 368 ppm corrected to 3 percent oxygen.
[40 CFR 52.21]
 - c. Contain volatile organic compounds in excess of 0.050 pounds per million BTU heat input.
[40 CFR 52.21]
 - d. Contain sulfur dioxide in excess of 1,170 tons per twelve consecutive month period.
[40 CFR 52.21 Avoidance]

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- e. Exhibit the opacity of which is equal to or greater than ten (10) percent, except for one six minute period per hour of not more than twenty-seven (27) percent opacity.
[40 CFR 52.21; 40 CFR 60 Subpart Db, Georgia Rule 391-3-1-.02(2)(d), and Georgia Rule 391-3-1-.02(2)(b) Subsumed]

- 3.3.75 The Permittee shall not burn more than 80 tons per day of tire derived fuel or 30 tons per day (dry basis) of wastewater sludge in Waste Fuel Boiler WF.
[Avoidance of 40 CFR 52.21]

- 3.3.76 The Permittee shall not fire more than 1.1 million gallons of fuel oil per any twelve month consecutive period in Waste Fuel Boiler WF.
[40 CFR 52.21 Avoidance]

- 3.3.77 The Permittee shall be subject to all applicable provisions of Federal Standard 40 CFR 61 Subpart A – “General Provisions” and Federal Standard 40 CFR 61 Subpart E – “National Emission Standards for Hazardous Air Pollutants for Mercury” for Waste Fuel Boiler WF while combusting wastewater sludge.
[40 CFR 61 Subpart E]

- 3.3.78 The Permittee shall not discharge or cause the discharge into the atmosphere from Waste Fuel Boiler WF any gases that contain mercury in excess of 7.1 pounds per 24-hour period while burning wastewater sludge.
[40 CFR 61.52(b)]

- 3.3.79 The Permittee shall maintain a TRS destruction efficiency of 99.0% during combustion of HVLC NCGs in Waste Fuel Boiler WF.
[40 CFR 52.21]

General

- 3.3.80 The Permittee shall be subject to all applicable provisions of Federal Standard 40 CFR 63 Subpart DDDDD – “National Emission Standards for Hazardous Air Pollutants for Industrial, Commercial, and Institutional Boilers and Process Heaters for Power Boiler 4 and Waste Fuel Boiler WF. Power Boiler 4 shall be in compliance no later than September 13, 2007. Waste Fuel Boiler WF shall be in compliance no later than November 12, 2004 or upon startup, whichever is later.
[40 CFR 63.7495]

- 3.3.81 The Permittee shall be subject to all applicable provisions of Federal Standard 40 CFR 63 Subpart A – “General Provisions” as specified in Table 10 to 40 CFR 63 Subpart DDDDD.
[40 CFR 63 Subpart DDDDD and 40 CFR 63.7565]

40 CFR 63 Subpart MM

- 3.3.82 Periods of excess emission shall be considered a violation provided that the time of excess emissions (excluding periods of startup, shutdown, or malfunction) is greater than or equal to:
[40 CFR 63.864(k)(2)(i) and (iii)]
- a. Six percent of the total process operating time in a quarterly period for excess emissions from Recovery Furnace 5 as defined in Condition 6.1.7.a(vii).
 - b. Six occurrences in a semi-annual period for excess emissions from Smelt Tank 5, Lime Kiln 1A, or Lime Kiln 2A as defined in Conditions 6.1.7.c(i) and 6.1.7.c(iv).

3.4 Equipment SIP Rule Standards

Lime Kiln 1A and 2A

- 3.4.1 The Permittee shall not cause, let, permit, suffer, or allow the rate of emission from Lime Kiln 1A or 2A, particulate matter in total quantities equal to or exceeding the allowable rates calculated using the following equation:
[391-3-1-.02(2)(e)]

$E = 4.1P^{0.67}$; for process input weight rate up to and including 30 tons per hour.
E = emission rate in pounds per hour.
P = process input weight rate in tons per hour.

- 3.4.2 The Permittee shall not cause, let, suffer, permit, or allow emissions from Lime Kiln 1A or 2A the opacity of which is equal to or greater than forty (40) percent.
[391-3-1-.02(2)(b)1]

Recovery Furnace 5

- 3.4.4 Deleted.

- 3.4.5 The Permittee shall not cause, let, permit, suffer, or allow the rate of emission from Recovery Furnace 5, particulate matter in total quantities equal to or exceeding the allowable rates calculated using the following equations:
[391-3-1-.02(2)(e)]

$E = 4.1P^{0.67}$; for process input weight rate up to and including 30 tons per hour.
 $E = 55P^{0.11} - 40$; for process input weight rate above 30 tons per hour.

E = emission rate in pounds per hour
P = process input weight rate in tons per hour

- 3.4.6 Deleted.

Smelt Tanks 5

- 3.4.7 Deleted.

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3.4.8 The Permittee shall not cause, let, permit, suffer, or allow the emissions of TRS from Smelt Tank 5 in amounts equal to or exceeding 0.0168 pounds of TRS per ton of black liquor solids (dry weight).
[391-3-1-.02(2)(g); 40 CFR 60 Subpart BB Subsumed for Smelt Tank 5]

3.4.9 The Permittee shall not cause, let, suffer, permit, or allow emissions from Smelt Tank 5 the opacity of which is equal to or greater than forty (40) percent.
[391-3-1-.02(2)(b)1]

Power Boiler 4

3.4.10 Deleted.

3.4.11 The Permittee shall not cause, let, suffer, permit, or allow emission from Powers Boiler 4 the opacity of which is equal to or greater than forty (40) percent.
[391-3-1-.02(2)(b)1]

Power Island

Power Boiler 4

3.4.12 Deleted.

3.4.13 Deleted.

Bark Boiler 1

3.4.14 Deleted.

Combustion Turbines 1 and 2

3.4.15 Deleted.

3.4.16 Deleted.

3.4.17 Deleted.

3.4.18 Deleted.

Fuel

3.4.19 Deleted.

3.4.20 Deleted.

Fuel (General)

3.4.21 The fuel fired in Power Boiler 4, Waste Fuel Boiler WF, Lime Kiln 1A, and Lime Kiln 2A shall be limited to 3.0 percent sulfur by weight.
[391-3-1-.02(2)(g)]

Package Boiler 2

3.4.29 Deleted.

3.4.30 Deleted.

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- 3.4.31 The Permittee shall not discharge or cause the discharge into the atmosphere from Package Boiler 2 any gases which contain nitrogen oxides in excess of 30 ppm corrected to 3 percent oxygen on a dry basis from May 1st through September 30th each year.
[391-3-1-.02(2)(III)]

Waste Fuel Boiler

- 3.4.32 The Permittee shall not discharge into the atmosphere from Waste Fuel Boiler WF any gases which contain sulfur dioxide in excess of 0.80 pounds per million BTU heat input derived from liquid fossil fuel or derived from liquid fossil fuel and wood residue.
[Georgia Rule 391-3-1-.02(2)(g)]

- 3.4.33 The Permittee shall not discharge into the atmosphere from Waste Fuel Boiler WF any gases which contain nitrogen oxides in excess of 0.30 pounds per million BTU heat input while firing fuel oil.
[Georgia Rule 391-3-1-.02(2)(d)]

3.5 Equipment Standards Not Covered by a Federal or SIP Rule and Not Instituted as an Emission Cap or Operating Limit

None Applicable.

PART 4.0 REQUIREMENTS FOR TESTING

4.1 General Testing Requirements

4.1.3 Performance and compliance tests shall be conducted and data reduced in accordance with applicable procedures and methods specified in the Division’s Procedures for Testing and Monitoring Sources of Air Pollutants. The methods for the determination of compliance with emission limits listed under Sections 3.2, 3.3, 3.4 and 3.5 which pertain to the emission units listed in Section 3.1 are as follows:

- k. Method 19 shall be used, when applicable, to convert particulate matter, sulfur dioxide, carbon monoxide, and nitrogen oxides concentrations (i.e. grains/dscf for PM, ppm for gaseous pollutants), as determined using other methods specified in this section, to emission rates (i.e. lb/mmBtu).
- l. Deleted.
- s. Method 105 for the determination of mercury in wastewater treatment sludge.
- t. Deleted.
- u. Deleted.
- v. Deleted.

40 CFR 63 Subpart MM

- w. Method 1 or 1A for selection of sampling port location and number of traverse points. [40 CFR 63.865(b)(5)(i)]
- x. Method 2, 2A, 2C, 2D, 2F, or 2G for determining stack gas velocity and volumetric flow rate. [40 CFR 63.865(b)(5)(ii)]
- y. Method 3, 3A, or 3B for determining the oxygen concentration. The gas sample must be taken at the same time and at the same traverse points as the particulate sample. The voluntary consensus standard ANSI/ASME PTC 19.10-1981 – Part 10 may be used as an alternative to used Method 3B. [40 CFR 63.865(b)(3) and 40 CFR 63.865(b)(5)(iii)]
- z. Method 4 for determining moisture content of stack gas. [40 CFR 63.865(b)(5)(iv)]

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- aa. Method 5 or 29 for determining the concentration or mass of particulate matter emitted. For compliance with 40 CFR 63 Subpart MM, Method 17 may be used in lieu of Method 5 or Method 29 if a constant value of 0.0009 g/dscm (0.004 gr/dscf) is added to the results of Method 17, and the stack temperature is no greater than 205°C (400°F). For Methods 5, 29, and 17, the sampling time and sample volume for each run must be at least 60 minutes and 0.90 dscm (31.8 dscf) and water must be used as the cleanup solvent instead of acetone in the sample recovery procedure.
[40 CFR 63.865(b)(1)]

- bb. For compliance with the bubble limits in Conditions 3.3.1, 3.3.6, 3.3.11, and 3.3.59, the particulate matter concentration must be corrected to the appropriate oxygen concentration using the procedures of 40 CFR 63.865(b)(2).
[40 CFR 63.865(b)(2)]

- cc. For compliance with the bubble limits in Conditions 3.3.1, 3.3.6, 3.3.11, and 3.3.59, the volumetric gas flow rate must be corrected to the appropriate oxygen concentration using the procedures of 40 CFR 63.865(b)(4).
[40 CFR 63.865(b)(4)]

Minor changes in methodology may be specified or approved by the Director or his designee when necessitated by process variables, changes in facility design, or improvement or corrections that, in his opinion, render those methods or procedures, or portions thereof, more reliable.
[391-3-1-.02(3)(a)]

4.2 Specific Testing Requirements

- 4.2.1 The Permittee shall perform a performance test for the following specified equipment and pollutants:
[391-3-1-.02(6)(b)1]

Equipment	Pollutant
Lime Kilns 1A and 2A	Particulate Matter Total Reduced Sulfur
Recovery Furnace 5	Particulate Matter Sulfur Dioxide Total Reduced Sulfur Hydrogen Sulfide
Smelt Tank Vent 5	Particulate Matter Total Reduced Sulfur
Power Boiler 4	Particulate Matter
Waste Fuel Boiler WF	Particulate Matter
Package Boiler 2	CO while burning natural gas

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- 4.2.2 The Permittee shall conduct performance tests as specified by the following table and criteria unless otherwise specified by the Division:
[391-3-1-.02(6)(b)(1)(i)]

Equipment	Testing Frequency
Lime Kilns 1A and 2A	PM – annual TRS - biennial
Recovery Furnace 5	PM – annual SO ₂ – annual TRS – biennial H ₂ S – biennial
Smelt Tank Vent 5	PM – biennial TRS – biennial
Power Boiler 4	PM – annual
Waste Fuel Boiler WF	PM – annual
Package Boiler 2	CO – annual

- a. Where the results of a performance test which is required annually are less than or equal to 50 percent of the allowable limit, the Permittee may skip the next scheduled performance test.
- b. Where the results of a performance test which is required annually are greater than 85 percent of the allowable limit, the Permittee shall begin testing on a semiannual basis with the next performance test due approximately six months following that test. If any subsequent test is less than or equal to 85 percent of the allowable limit, the Permittee shall resume annual testing. The provision of 4.2.2.a does not apply until the results of two consecutive test are less than or equal to 85 percent of the allowable.
- c. Where the results of a performance test which is required biennially are greater than 85 percent of the allowable limits, the Permittee shall begin testing on an annual basis with the next performance test due approximately twelve months following that test. If any subsequent test is less than or equal to 85 percent of the allowable limit, the Permittee shall resume biennial testing.
- d. Where required by Condition 6.1.7.c, data from these tests shall be used to establish the operational parameters. Data from a previously approved performance test which demonstrated compliance with the applicable emission limit may be used to establish the operational parameters in lieu of the most recent performance tests as long as that previous performance test is representative of current operation of the emission unit and was conducted during the 5 years prior to the most recent performance test or the life of this permit, whichever is shorter.
- e. The Permittee shall submit a list of all the current operational parameters established in accordance with this condition for the purpose of reporting under Condition 6.1.7.c with the quarterly report required by Condition 6.1.4.

- 4.2.3 Deleted.
4.2.4 Deleted.

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Recovery Furnaces 3, 4, and 5

4.2.5 Deleted.

Power Island

Combustion Turbines 1 and 2

4.2.6 Deleted.

Package Boiler 1

4.2.7 Deleted.

4.2.8 Deleted.

4.2.9 Deleted.

4.2.10 Deleted.

Bark Boiler 1

4.2.11 Deleted.

Power Boiler 4

4.2.12 Deleted.

Package Boiler 2

4.2.15 Within 60 days after achieving the maximum capacity at which the Package Boiler 2 will be operated, but not later than 180 days after initial startup, the Permittee shall conduct an initial performance test for nitrogen oxides (NO_x) emissions while burning fuel oil. The Permittee shall conduct the performance test using the continuous monitoring system required by Condition 5.2.1.h for monitoring NO_x. Nitrogen oxides are monitored for 30 successive steam generating unit-operating days and the 30-day average emission rate is used to determine compliance with the nitrogen oxides emission standard of Condition 3.3.56. The 30-day average emission rate is calculated as the average of all hourly emissions data recorded by the monitoring system during the 30-day test period. The 1-hour average nitrogen oxides emission rates (lb/MM Btu), required by this condition, must include at least 2 data points to calculate each 1-hour average. An hourly NO_x emission rate is not calculated if the boiler is operated less than 30 minutes in a 1- hour period. The first day of each performance test shall be within 150 days of the initial startup.
[40 CFR 60.8 and 40 CFR 60 Subpart Db]

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- 4.2.16 Following the date on which the initial performance test for Package Boiler 2 is completed or required to be completed under 40 CFR 60.8, whichever date comes first, the Permittee shall upon request determine compliance with the nitrogen oxides standards under 40 CFR 60.44b through the use of a 30-day performance test. During periods when performance tests are not requested, nitrogen oxides emissions data collected pursuant to 40 CFR 60.48b(g)(1) are used to calculate a 30-day rolling average emission rate on a daily basis and used to prepare excess emission reports, but will not be used to determine compliance with the nitrogen oxides emission standards. A new 30-day rolling average emission rate is calculated each steam generating unit operating day as the average of all of the hourly nitrogen oxides emission data for the preceding 30 steam generating unit operating days. The 1-hour average nitrogen oxides emission rates (lb/MM Btu), required by this condition, must include at least 2 data points to calculate each 1-hour average. An hourly NO_x emission rate is not calculated if the boiler is operated less than 30 minutes in a 1-hour period and is not counted toward the determination of a steam generating unit-operating day.
[40 CFR 60.46b(e)(4)]

Lime Kiln 1A and 2A

- 4.2.18 Within 60 days after achieving the maximum production rate at which Lime Kilns 1A and 2A will be operated, but not later than 180 days after initial startup following the shutdown of Lime Kiln 3A, the Permittee shall conduct a performance test for total reduced sulfur and sulfur dioxide for Lime Kilns 1A and 2A in order to demonstrate compliance with the limits specified in Conditions 3.3.1, 3.3.2, and 3.4.3.
[40 CFR 52.21; 40 CFR 60 Subpart BB; 391-3-1-.02(2)(gg)]

Smelt Tank 5

- 4.2.19 Within 60 days after achieving the maximum production rate at which Smelt Tank 5 will be operated, but not later than 180 days after initial startup, the Permittee shall conduct performance tests for sulfur dioxide, total reduced sulfur, and opacity for Smelt Tank 5 in order to demonstrate compliance with Conditions 3.3.11, 3.4.8, and 3.4.9. During the performance tests required by this condition, the Permittee shall establish the minimum pressure drop and scrubbant flow rate for the Smelt Tank scrubber to be used in determining excursions under Condition 6.1.7.c.
[40 CFR 52.21; 40 CFR 60 Subpart BB; 391-3-1-.02(2)(b)]

Recovery Furnace 5

- 4.2.20 Within 60 days after achieving the maximum production rate at which Recovery Boiler 5 will be operated, but not later than 180 days after initial startup, the Permittee shall conduct the following performance tests on the Recovery Furnace and furnish to the Division a written report of the results of such performance tests:
[40 CFR 52.21; 40 CFR 60 Subpart Db; 40 CFR 60 Subpart BB]
- a. Performance tests for particulate matter and opacity while burning fuel oil at full capacity. During the performance tests the Permittee shall establish a total power value for the Recovery Furnace 5 ESP to be used in determining excursions under Condition 6.1.7.c.
 - b. Performance tests for total reduced sulfur (hydrogen sulfide) and opacity while burning black liquor solids. The hydrogen sulfide results shall be used to calculate the percentage of H₂S contained in the TRS emitted from the furnace. During the opacity performance test the Permittee shall establish a total power value for the Recovery Furnace 5 ESP to be used in determining an excursion under Condition 6.1.7.c.
 - c. Performance tests for carbon monoxide and volatile organic compounds while burning black liquor solids and while burning fuel oil. During the performance test the Permittee shall establish the minimum flue oxygen concentration to be used in determining an excursion under Condition 6.1.7.c.
 - d. Performance test for sulfur dioxide emissions while burning black liquor. The black liquor solids content shall be recorded during the performance tests. These tests shall establish minimum black liquor solids contents required to meet the limits specified in Condition 3.3.6. The minimum percent black liquor solids content limit shall be identified as an excursion value to be included in the report required by Condition 6.1.7.c. The excursion value shall be equal to 90% of the arithmetic average value determined during the test.

Power Boiler 4

- 4.2.21 Within 60 days after achieving the maximum production rate at which Power Boiler 4 will be operated, but not later than 180 days after initial startup, the Permittee shall conduct the following performance tests on Power Boiler 4 and furnish to the Division a written report of the results of such performance tests:
[40 CFR 52.21; Avoidance of 40 CFR 52.21; 391-3-1-.02(2)(b); 391-3-1-.02(2)(g)]
- a. Performance tests for particulate matter and opacity while firing coal. During the performance tests the Permittee shall establish a total power value for the Power Boiler ESP to be used in determining excursions under Condition 6.1.7.c.
 - b. Performance test for nitrogen oxides while firing coal.

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- c. Performance tests for carbon monoxide and volatile organic compounds while firing coal. During the performance tests the Permittee shall establish the minimum flue oxygen concentration to be used in determining an excursion under Condition 6.1.7.c.

Package Boiler 2

4.2.22 Within 60 days after achieving the maximum production rate at which Package Boiler 2 will be operated, but not later than 180 days after initial startup, the Permittee shall conduct the following performance tests on the Package Boiler and furnish to the Division a written report of the results of such performance tests:

[40 CFR 52.21; 40 CFR 60 Subpart Db; 391-3-1-.02(2)(d)]

- a. Performance tests for particulate matter and opacity while burning fuel oil.
- b. Performance tests for carbon monoxide and volatile organic compounds while burning natural gas and fuel oil. During the performance tests the Permittee shall establish the minimum flue oxygen concentration to be used in determining an excursion under Condition 6.1.7.c.

Waste Fuel Boiler WF

4.2.23 Within 60 days after achieving the maximum production rate at which Waste Fuel Boiler WF will be operated, but not later than 180 days after initial startup, the Permittee shall conduct the following performance tests on the Waste Fuel Boiler and furnish to the Division a written report of the results of such performance tests:

[40 CFR 52.21; 40 CFR 60 Subpart Db; 391-3-1-.02(2)(d); 391-3-1-.02(2)(g)]

- a. Performance tests for particulate matter and opacity while burning bark. During the performance tests the Permittee shall establish a total power value for the Waste Fuel Boiler ESP to be used in determining excursions under Condition 6.1.7.c.
- b. Performance tests for nitrogen oxides, carbon monoxide, and volatile organic compounds to be conducted simultaneously while burning bark. During the performance tests the Permittee shall establish a minimum combustion temperature and a baseline carbon monoxide emission rate that demonstrates compliance with the VOC emission limit. The temperature and CO emission rate shall be used to determine excursions under Condition 6.1.7.c. If the results of the VOC test are 70% or greater of the allowable, then the Permittee shall conduct an annual VOC emission test. If the results of the VOC test are 85% or greater of the allowable, the excursion under Condition 6.1.7.c(xx) shall be determined on a 1-hour average rather than a 3-hour average.
- c. Performance tests for sulfur dioxide while burning bark and while burning fuel oil.

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- 4.2.24 Within 90 days of the first feeding of wastewater sludge to Waste Fuel Boiler WF, the Permittee shall conduct a performance test for the presence of mercury emissions from Waste Fuel Boiler WF in order to determine compliance with the limit in Condition 3.3.76. The test shall be conducted while burning an amount of wastewater sludge representative of normal operations. The Permittee shall use the results of this test to establish an emission factor to determine the mercury emissions for each 24-hour day that wastewater sludge is fired in Waste Fuel Boiler WF.
[40 CFR 61 Subpart E]
- 4.2.25 Within 60 days after introducing HVLC NCGs into Waste Fuel Boiler WF for destruction, but not later than 180 days after the initial burning, the Permittee shall conduct a performance test for TRS. The results of the test shall be used to show compliance with the destruction efficiency required by Condition 3.3.77. During the performance test the Permittee shall establish the minimum furnace temperature that is required to meet required the destruction efficiency. The furnace temperature is to be measured inside the furnace, downstream of the flame, and before any substantial heat exchange occurs within the unit. The Permittee shall also conduct a VOC performance test in accordance with Condition 4.2.23.b to determine if the CO baseline and/or minimum boiler temperature should be changed.
[40 CFR 52.21]

40 CFR 63 Subpart MM

- 4.2.26 Within 60 days after achieving the maximum production rate at which Recovery Furnace 5 and Smelt Tank 5 will be operated, but not later than 180 days after startup, the Permittee shall conduct particulate matter performance tests for Recovery Furnace 5 and Smelt Tank 5 using the test methods and procedures listed in 40 CFR 63.7 and 40 CFR 63.865(b).
[40 CFR 63.865; 40 CFR 52.21; Georgia Rule 391-3-1-.02(2)(e)]
- 4.2.27 During the performance test required by Condition 4.2.26, the Permittee must establish operating ranges for the monitoring parameters in Condition 5.2.2.i.
[40 CFR 63.864(j)(1) and 63.864(j)(2)]
- 4.2.28 The Permittee may establish expanded or replacement operating ranges for the monitoring parameter values listed in Condition 5.2.2.i during subsequent performance tests using the test methods listed in 40 CFR 63.865.
[40 CFR 63.864(j)(3)]
- 4.2.29 The Permittee must continuously monitor each parameter and determine the arithmetic average value of each such parameter during each performance test. Multiple performance tests may be conducted to establish a range of parameter values.
[40 CFR 63.864(j)(4)]
- 4.2.30 Process data measured during the performance test must be used to determine the black liquor solids firing rate on a dry basis and the calcium oxide (CaO) production rate.
[40 CFR 63.865(b)(6)]

PART 5.0 REQUIREMENTS FOR MONITORING (Related to Data Collection)

5.2 Specific Monitoring Requirements

5.2.1 The Permittee shall install, calibrate, maintain, and operate a system to continuously monitor and record the indicated pollutants on the following equipment. Each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. TRS and oxygen on a dry basis from Lime Kilns 1A and 2A.
[391-3-1-.02(2)(gg) and 40 CFR Subpart BB]
- b. Deleted.
- c. Opacity, TRS, and oxygen on a dry basis from Recovery Furnace 5. Opacity is to be sampled and analyzed for each successive 10-second period, at a minimum, and averaged and recorded for each successive 6-minute period. The Permittee shall use the oxygen monitor to determine the flue gas oxygen concentration required to be determined in Condition 4.2.20.c.
[40 CFR 52.21; 40 CFR 63 Subpart MM; 40 CFR 60 Subpart BB and 40 CFR 60 Subpart Db]
- d. Opacity, flue oxygen, and nitrogen oxides from Power Boiler 4.
[40 CFR 52.21; Avoidance of 40 CFR 52.21; 391-3-1-.02(2)(b)]

Power Island

- e. Deleted.
- f. Deleted.
- g. Deleted.

Package Boiler 2

- i. Flue oxygen and opacity from Package Boiler 2.
[40 CFR Subpart Db; 40 CFR 52.21]

Waste Fuel Boiler

- j. Opacity, carbon monoxide, sulfur dioxide, and nitrogen oxides from Waste Fuel Boiler WF.
[40 CFR 52.21; 40 CFR Subpart Db; 391-3-1-.02(2)(d); 391-3-1-.02(6)(a)(iii)]

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5.2.2 The Permittee shall install, calibrate, maintain, and operate a system to continuously monitor and record the indicated parameters on the following equipment. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

a. Deleted.

c. Type(s) and quantity of all fuels burned in Power Boiler 4 and Waste Fuel Boiler WF.

Power Island

d. Deleted.

e. Deleted.

f. Deleted.

g. Deleted.

Package Boiler 2

h. Quantity of natural gas burned in cubic feet and quantity of fuel oil burned in gallons by Package Boiler 2.

i. Pressure drop across and scrubbing liquid flow rate for Lime Kiln Scrubbers LK1S and LK2S and Smelt Tank Scrubber ST5D. The monitoring devices used for the continuous measurement of the pressure drop of the gas stream across the scrubbers must be certified by the manufacturer to be accurate to within a gage pressure of + 500 pascals (± 2 inches of water gauge pressure) and the monitoring devices used for continuous measurement of the scrubbing liquid flow rates must be certified by the manufacturer to be accurate within ± 5 percent of the design scrubbing liquid flow rate.

[40 CFR 63.864(e)(10)(i) and 63.864(e)(10)(ii); 40 CFR 60 Subpart BB; 40 CFR 52.21; 391-3-1-.02(2)(b)]

Recovery Furnace 5

j. Secondary current and secondary voltage for each electrical isolatable section (bus section) of the electrostatic precipitator for Recovery Furnace 5. The total power for the precipitator shall be determined and recorded from secondary parameters on a continuous basis.

k. Quantity of fuel oil burned in Recovery Furnace 5 with and without black liquor solids.

Waste Fuel Boiler WF

l. Secondary current and secondary voltage for each electrical isolatable section (bus section) of the electrostatic precipitator for Waste Fuel Boiler WF. The total power for the precipitator shall be determined and recorded from secondary parameters on a continuous basis.

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- m. Furnace temperature for Waste Fuel Boiler WF. The furnace temperature is to be measured inside the furnace, downstream of the flame, and before any substantial heat exchange occurs within the unit.

Power Boiler 4

- n. Secondary current and secondary voltage for each electrical isolatable section (bus section) of the electrostatic precipitator for Power Boiler 4. The total power for the precipitator shall be determined and recorded from secondary parameters on a continuous basis.

5.2.3 The Permittee shall install, calibrate, maintain, and operate monitoring devices for the measurement of the indicated parameters on the following equipment. Data shall be recorded at the frequency specified below. Where such performance specification(s) exist, each system shall meet the applicable performance specification(s) of the Division's monitoring requirements.

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Black liquor feed rate and black liquor solids content for Recovery Furnace 5. Data shall be recorded once each hour of operation.
- b. Deleted.
- c. Deleted.
- d. Deleted.
- e. Lime production rate and lime mud solids for Lime Kilns 1A and 2A. Data shall be recorded once each hour of operation.
- f. Deleted.

Power Island

- g. Deleted.
- h. Deleted.
- i. Deleted.
- j. The number of hours that gases from the HVLC system are fired in Waste Fuel Boiler WF. Data shall be recorded once per calendar day of process operation.
- k. Steam production rate for Waste Fuel Boiler WF. Data shall be recorded daily.

Power Island

Package Boiler 1

- 5.2.9 Deleted.
- 5.2.10 Deleted.

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Bark Boiler 1 and Combustion Turbines 1 and 2

- 5.2.11 Deleted.
- 5.2.12 Deleted.
- 5.2.13 Deleted.
- 5.2.14 Deleted.

Fuel

- 5.2.15 Deleted.

Smelt Tank 3 and 4 Demisters

- 5.2.18 Deleted.

Recovery Furnace 5 and Waste Fuel Boiler WF

- 5.2.19 The following pollutant specific emission units (PSEU) are subject to the Compliance Assurance Monitoring (CAM) Rule in 40 CFR 64.

Emission Unit	Pollutant
Waste Fuel Boiler WF	Particulate Matter
Recovery Furnace 5	Particulate Matter

Permit conditions in this permit for the PSEU(s) listed above with regulatory citation 40 CFR 70.6(a)(3)(i) are included for the purpose of complying with 40 CFR 64. In addition, the Permittee shall meet the requirements, as applicable, of 40 CFR 64.7, 64.8, and 64.9. [40 CFR 64]

- 5.2.20 The Permittee shall comply with the performance criteria listed in the table below for the particulate matter emissions from Waste Fuel Boiler WF. [40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	Indicator No. 1 ESP Power
A. Data Representativeness [64.3(b)(1)]	ESP Power is determined through the ESP secondary voltage and current, which are measured using instrumentation provided by the ESP manufacturer.
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	Confirm the meters read zero when the unit is not operating.
C. QA/QC Practices and Criteria [64.3(b)(3)]	Calibrate, maintain, and operate meters per manufacturer.
D. Monitoring Frequency [64.3(b)(4)]	Once per 15 minutes.

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Performance Criteria [64.4(a)(3)]	Indicator No. 1 ESP Power
Data Collection Procedures [64.3(b)(4)]	The secondary voltage is measured using a voltmeter and secondary current is measured using an ammeter. The total power (P) input to the ESP is the sum of the products of the secondary voltage (V) and current (I) in each field. ($P=V_1I_1 + V_2I_2 + \dots$ where i is the number of fields.) The hourly average power input is calculated and recorded electronically.
Averaging Period [64.3(b)(4)]	1-Hour

5.2.21 The Permittee shall comply with the performance criteria listed in the table below for the particulate matter emissions from Recovery Furnace 5.
[40 CFR 64.6(c)(1)(iii)]

Performance Criteria [64.4(a)(3)]	Indicator No. 1 ESP Power
A. Data Representativeness [64.3(b)(1)]	ESP Power is determined through the ESP secondary voltage and current, which are measured using instrumentation provided by the ESP manufacturer.
B. Verification of Operational Status (new/modified monitoring equipment only) [64.3(b)(2)]	Confirm the meters read zero when the unit is not operating.
C. QA/QC Practices and Criteria [64.3(b)(3)]	Calibrate, maintain, and operate meters per manufacturer.
D. Monitoring Frequency [64.3(b)(4)]	Once per 15 minutes.
Data Collection Procedures [64.3(b)(4)]	The secondary voltage is measured using a voltmeter and secondary current is measured using an ammeter. The total power (P) input to the ESP is the sum of the products of the secondary voltage (V) and current (I) in each field. ($P=V_1I_1 + V_2I_2 + \dots$ where i is the number of fields.) The hourly average power input is calculated and recorded electronically.
Averaging Period [64.3(b)(4)]	1-Hour

5.3 Record Keeping and Reporting Requirements (associated with Specific Monitoring Requirements)

5.3.1 The Permittee shall, in accordance with the requirements of Condition Nos. 6.1.1 and 6.1.6 of this permit, maintain records of all data and information required by Condition No. 5.2.1 through 5.2.21. Reports shall be submitted in accordance with the requirements of Condition No. 6.1.4 of this permit.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

Power Island

Package Boiler 1

5.3.2 Deleted.

Fuel

5.3.3 Deleted.

Package Boiler 2

5.3.4 The Permittee shall maintain the following records for each steam-generating unit operating day for Package Boiler 2. The Permittee shall submit the records required by this condition with the report required by Condition 6.1.7.
[40 CFR 60.49b(g)]

- a. Calendar date.
- b. The average hourly nitrogen oxides emission rates (expressed as NO₂) (lb/million Btu heat input) measured or predicted.
- c. The 30-day average nitrogen oxides emission rates (lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rates for the preceding 30 steam generating unit operating days.
- d. Identification of the steam generating unit operating days when the calculated 30-day average nitrogen oxides emission rates are in excess of the nitrogen oxides emissions standard in Condition 3.3.56 with the reasons for such excess emissions as well as a description of corrective actions taken.
- e. Identification of the steam operating unit days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data, and a description of corrective actions taken.
- f. Identification of the times when emission data have been excluded from the calculation of average emission rates and the reasons for excluding data.
- g. Identification of “F” factor used for calculations, method of determination, and type of fuel combusted.
- h. Identification of the times when the pollutant concentration exceeded full span of the continuous monitoring system.
- i. Description of any modification to the continuous monitoring system that could affect the ability of the continuous monitoring system to comply with Performance Specification 2 or 3.

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- j. Results of daily CEMS drift tests and quarterly accuracy assessments as required under appendix F, Procedure 1.

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS

6.1 General Record Keeping and Reporting Requirements

6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

Lime Kilns 1A and 2A and Power Boiler 4

- i. Any 12-hour period during which the average TRS concentration measured and recorded in accordance with Condition 5.2.1.a for Lime Kiln 1A is in excess of 8 ppm on a dry basis corrected to 10 percent oxygen.

[40 CFR 60 Subpart BB]

- iii. Deleted.

Recovery Furnaces 3 and 4

- iv. Deleted.

- v. Deleted.

Recovery Furnace 5

- vi. Any 12-hour period during which the average TRS concentration measured and recorded in accordance with Condition 5.2.1.c are in excess of 5 ppm on a dry basis corrected to 8 percent oxygen.

[40 CFR 52.21; 40 CFR 60 Subpart BB]

- vii. When not burning fossil fuel, any six-minute period during which the opacity from Recovery Furnace 5 measured and records in accordance with Condition 5.2.1.c is equal to or in excess of 35 percent.

[40 CFR 60 Subpart BB; 40 CFR 63 Subpart MM]

Power Boiler 4

- ix. Any 6-minute period during which the opacity for Power Boiler 4, measured and recorded in accordance with Condition 5.2.1.d, is equal to or in excess of 40 percent.

[391-3-1-.02(2)(b)]

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- x. Any three-hour period during which the average sulfur dioxide emission rate from Power Boiler 4, calculated in accordance with Condition 6.2.26, is in excess of 1,130.0 pounds per hour.
[40 CFR 52.21]

Power Island

- xi. Deleted.

Power Boiler 4

- xii. Deleted.

Bark Boiler 1

- xiii. Deleted.
xiv. Deleted.
xv. Deleted.

Package Boiler 1

- xvi. Deleted.
xvii. Deleted.

Combustion Turbines 1 and 2

- xviii. Deleted.
xix. Deleted.
xx. Deleted.

Steam Stripper (Cluster Rule)

- xxi. For Steam Stripper EV09, any periods during which the time of excess emissions (including periods of startup, shutdown, or malfunction, but excluding periods when the condensates are being hard piped to the wastewater treatment plant) divided by the total process operating time in a semi-annual reporting period exceeds 10 percent. The report shall also include any periods during which the condensate collection system, steam stripper, or Lime Kiln 1A or 2A are down.
[40 CFR 63.446(g)]

Cluster Rule

- xxii. Any periods during which the time of excess emissions (excluding periods of startup, shutdown, or malfunction) divided by the total process operating time in a semi-annual reporting period exceeds the following levels:
[40 CFR 63.443(e)]
- (A) 1% for Lime Kilns 1A and 2A that are used to reduce the total HAP emission from the LVHC system;
- (B) 4% for control devices used to reduce the total HAP emissions from the HVLC system; and

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- (C) 4% for control devices used to reduce the total HAP emissions from both the LVHC and HVLC system.

xxiii. Any COD determination that is greater than the value established during the performance test required by Condition 4.2.13.

Package Boiler 2

xxv. Deleted.

Recovery Furnace 5

xxvi. Any 12-hour period during which the average hydrogen sulfide concentration from Recovery Furnace 5, as calculated based on the TRS monitor and the percent H₂S contained in the TRS as determined by Condition 4.2.20.b, is in excess of 4 ppm on a dry basis corrected to 8 percent oxygen.
[40 CFR 52.21]

Power Boiler 4

xxvii. Any 12-month rolling period during which sulfur dioxide emissions from Power Boiler 4, calculated in accordance with Condition 6.2.26, are in excess of 3,837 tons.
[40 CFR 52.21 Avoidance]

xxviii. Any 30-day rolling period during which the average nitrogen oxide emission rate from Power Boiler 4, measured and recorded in accordance with Condition 5.2.1.d, is in excess of 0.50 lb per million BTU.
[40 CFR 52.21 Avoidance]

Package Boiler 2

xxix. Any 6-minute period during which the opacity from Package Boiler 2, measured and recorded in accordance with condition 5.2.1.i, is equal to or in excess of 20% except for one six-minute period per hour of not more than 27% opacity.
[40 CFR 60 Subpart Db; 391-3-1-.02(2)(d)]

xxx. Any 3-hour period during which the average nitrogen oxides emission rate from Package Boiler 2 is equal to or greater than 30 ppm, corrected to 3% oxygen on a dry basis. This condition only applies May 1 through September 30 of each year. For the purposes of this condition, each clock hour begins a new 3-hour period.
[391-3-1-.02(2)(III)]

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Waste Fuel Boiler WF

- xxxi. Any 6-minute period during which the opacity from Waste Fuel Boiler WF, measured and recorded in accordance with condition 5.2.1.j, is equal to or in excess of 10%.
[40 CFR 52.21; 40 CFR 60 Subpart Db; 391-3-1-.02(2)(d)]
- xxxii. Any 30-day rolling period during which the average carbon monoxide concentration from Waste Fuel Boiler WF, measured and recorded in accordance with Condition 5.2.1.j, is in excess of 368 ppm corrected to 3 percent oxygen.
[40 CFR 52.21]
- xxxiii. Any 30-day rolling period during which the average nitrogen oxides concentration from Waste Fuel Boiler WF, measured and recorded in accordance with Condition 5.2.1.j, is in excess of 0.30 pounds per million BTU.
[391-3-1-.02(2)(d)]
- xxxiv. Any 3-hour period during which the average temperature in Waste Fuel Boiler, WF measured and recorded in accordance with Condition 5.2.2.m, is below the temperature determined by Condition 4.2.25.
[40 CFR 52.21]
- xxxv. Any 12-month rolling period during which the sulfur dioxide emissions from Waste Fuel Boiler WF, calculated in accordance with Condition 6.2.64, are in excess of 1,170 tons.
[40 CFR 52.21 Avoidance]
- b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)

Power Boilers 1 and 3

- i. Deleted.

Power Island

Power Boiler 4

- ii. Deleted.

Package Boiler 1

- iii. Deleted.
iv. Deleted.
v. Deleted.

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Bark Boiler 1

- vi. Deleted.
- vii. Deleted.
- viii. Deleted.
- ix. Deleted.

Combustion Turbines 1 and 2

- x. Deleted.

Fuel

- xiii. Any time of process operation during which the fuel burned at the facility does not meet the specifications defined in Condition 3.4.21.
[40 CFR 52.21 Avoidance and 391-3-1-.02(2)(g)]
- xiv. Deleted.

General

- xvi. Any 12-month rolling period during which the facility produces more than 949,000 scaled tons of linerboard.
[40 CFR 52.21]

Package Boiler 2

- xvii. Any period of process operation during which the fuel burned in Package Boiler 2 is other than natural gas or very low sulfur fuel oil.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- xviii. Any period of process operation during which fuel oil burned in Package Boiler 2 does not meet the definition of “very low sulfur oil” as defined in NSPS Subpart Db.
[40 CFR 60 Subpart Db]
- xix. Any 12-month rolling period during which Package Boiler 2 consumes more than 3 million gallons of fuel oil.
[40 CFR 52.21 Avoidance]

Recovery Furnace 5

- xx. Any unit operating day during which more than 5.3 million pounds of black liquor solids are fired in Recovery Furnace 5.
[40 CFR 52.21 Avoidance]
- xxi. Any 12-month rolling period during which Recovery Furnace 5 consumes more than 1.3 million gallons of fuel oil when not co-firing with black liquor solids.
[40 CFR 52.21 Avoidance]

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Power Boiler 4

- xxii. Any period of process operation during which fuel oil burned in Power Boiler 4 contains more than 0.5 percent sulfur, by weight.
[40 CFR 52.21 Avoidance]
- xxiii. Any period of process operation during which the coal burned in Power Boiler 4 contains more than 1.29 percent sulfur, by weight.
[40 CFR 52.21 Avoidance]
- xxiv. Any 12-month rolling period during which Power Boiler 4 consumes more than 35,352,857 gallons of fuel oil.
[40 CFR 52.21 Avoidance]

Waste Fuel Boiler WF

- xxv. Any period of process operation during which fuel oil burned in Waste Fuel Boiler WF does not meet the definition of “very low sulfur oil” as defined in NSPS Subpart Db.
[40 CFR 60 Subpart Db]
- xxvi. Any unit operating day during which more than 80 tons of tire-derived fuel is consumed in Waste Fuel Boiler WF.
[40 CFR 52.21 Avoidance]
- xxvii. Any unit operating day during which more than 30 tons (dry basis) of wastewater sludge are consumed in Waste Fuel Boiler WF.
[40 CFR 52.21 Avoidance]
- xxviii. Any 24-hour period during which the mercury emissions as calculated from the emission factor determined in Condition 4.2.24 and the daily amount of wastewater sludge are in excess of the limit in Condition 3.3.76 while burning wastewater sludge.
[40 CFR 61.52(b)]
- xxix. Any 12-month rolling period during which Waste Fuel Boiler WF consumes more than 1.1 million gallons of fuel oil.
[40 CFR 52.21 Avoidance]

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- xxx. Any time of process operation during which the annual capacity factor for oil fired in Waste Fuel Boiler WF is greater than 0.10. The annual capacity factor is determined on a 12-month rolling average basis, with a new annual capacity factor calculated at the end of each calendar month.
[40 CFR 60 Subpart Db]
- c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)

Lime Kilns

- i. Any three hour period during which the average pressure drop or scrubbant flow rate for any lime kiln scrubber falls below the following values:
- (A) Lime Kiln 1A Scrubber LSK1: 13.0 inches of water or 130 gpm or as established by subsequent performance testing.
 - (B) Lime Kiln 2A Scrubber LSK2: 10.0 inches of water or 130 gpm or as established by subsequent performance testing.
 - (C) Deleted.
 - (D) Deleted.
 - (E) Deleted.

Recovery Furnace 5

- ii. Any 3-hour period during which the average total power of the Recovery Furnace 5 electrostatic precipitator falls below 75% of the value determined in accordance with Condition 4.2.2, 4.2.20, 4.2.26, or by subsequent performance testing.
- iii. Any three-hour period during which the average black liquor solids content of Recovery Furnace 5 falls below the trigger determined by Condition 4.2.20 or by subsequent performance testing.

Smelt Tank 5

- iv. Any three hour period during which the average pressure drop or scrubbant flow rate for Smelt Dissolving Tank control device ST5D falls below 10.8 inches of water or 130 gpm or, once testing is done, in accordance with Condition 4.2.19 or 4.2.26 or by subsequent performance testing.

Power Boiler 4

- v. Any 3-hour period during which the average total power for the electrostatic precipitator falls below 75% of the value determined in accordance with Condition 4.2.2 or 4.2.21 or by subsequent performance testing.

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Power Island

Power Boiler 4

vi. Deleted.

Bark Boiler 1

vii. Deleted.

Combustion Turbines 1 and 2

viii. Deleted.

ix. Deleted.

x. Deleted.

xi. Deleted.

xii. Deleted.

Cluster Rule

xv. Any 3-hour average during which the ratio of the mass rate of steam to the mass rate of process wastewater or the process wastewater feed temperature for Steam Stripper EV09, is less than the following values:
[40 CFR 63.453(g)]

(A) Mass rate of steam to mass rate of process wastewater ratio: 0.13 lb steam / lb condensate.

(B) Process wastewater column feed temperature: 167 degrees Fahrenheit.

Recovery Furnace 5

xvi. Any 3-hour period during which the average Flue Oxygen concentration for Recovery Furnace 5 falls below the concentration determined in accordance with Condition 4.2.20.

[40 CFR 52.21]

Power Boiler 4

xvii. Any 3-hour period during which the average Flue Oxygen concentration for Power Boiler 4 falls below the concentration determined in accordance with Condition 4.2.21.

[40 CFR 52.21]

Package Boiler 2

xviii. Any 3-hour period during which the average Flue Oxygen concentration for Package Boiler 2 falls below the concentration determined in accordance with Condition 4.2.22.

[40 CFR 52.21]

Title V Permit Amendment

Waste Fuel Boiler WF

- xix. Any 3-hour period during which the average total power for the Waste Fuel Boiler WF electrostatic precipitator falls below 75% of the value determined in accordance with Condition 4.2.2 or 4.2.23.
[40 CFR 52.21]
 - xx. Any 3-hour period during which the average Waste Fuel Boiler WF combustion temperature measured and recorded in accordance with Condition 5.2.2.m is less than the minimum temperature established through Condition 4.2.23.b and the average carbon monoxide concentration, measured and recorded in accordance with Condition 6.2.1.j, is greater than the baseline concentration established through Condition 4.2.23.b.
[40 CFR 52.21]
 - d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:
 - i. Results of the analyses of used oil, No. 2 fuel oil, No. 5 fuel oil, No. 6 fuel oil, wastewater sludge, tire derived fuel, and coal as specified in Conditions 6.2.28, 6.2.29, and 6.2.30.
 - iii. A statement signed by a responsible official that the records of fuel supplier certification maintained by the facility for the “very low sulfur oil” burned in Recovery Furnace 5, Waste Fuel Boiler WF, and Package Boiler 2 represents all of the fuel oil combusted in the unit during the quarter.
 - iv. Deleted.
 - v. Deleted.
 - vi. Deleted.
 - viii. A list of all the current operational parameters established in accordance with Condition 4.2.2.
 - ix. Periods of excess emission considered violations as described in Condition 3.3.80.
 - x. The annual capacity factor for oil for Waste Fuel Boiler WF for the past twelve consecutive months. The annual capacity factor shall be recorded at the beginning of each month.
- 6.1.8 Deleted.

6.2 Specific Record Keeping and Reporting Requirements

General

6.2.1 The Permittee shall record the scaled tons of linerboard production on a daily basis and calculate the monthly and rolling 12 month total tons of linerboard production. The records shall include separate daily, monthly, and 12-month rolling totals for linerboard produced from virgin pulp and linerboard produced from recycle pulp. For any month during which total production (virgin linerboard and recycle linerboard combined) exceeds 79,083 tons, the facility will provide written notice to the Division. This written notice shall be submitted by the 20th of the month following the month that the total production exceeded the 79,083 tons notification level. The written notification shall include the following:
[40 CFR 52.21]

- a. The month in which the total production rate exceeded 1/12 of the annual limit.
- b. The total production rate for the month.
- c. The Mill's plans to insure that the annual total production limit of 949,000 scaled tons/yr is not exceeded.

Power Island

- 6.2.2 Deleted.
- 6.2.3 Deleted.

Power Boiler 4

- 6.2.4 Deleted.
- 6.2.5 Deleted.

Package Boiler 1

- 6.2.6 Deleted.
- 6.2.7 Deleted.
- 6.2.8 Deleted.
- 6.2.9 Deleted.

Bark Boiler 1

- 6.2.10 Deleted.
- 6.2.11 Deleted.
- 6.2.12 Deleted.
- 6.2.13 Deleted.

Combustion Turbines 1 and 2

- 6.2.14 Deleted.
- 6.2.15 Deleted.
- 6.2.16 Deleted.

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Fuel

- 6.2.17 Deleted.
- 6.2.18 Deleted.

Lime Kilns 1A and 2A

- 6.2.19 The Permittee shall maintain daily records of the lime mud feed rate, the percent lime mud solids and lime mud density for Lime Kilns 1A and 2A.
[40 CFR 52.21 and 391-3-1-.02(2)b]

Recovery Furnace 5

- 6.2.21 The Permittee shall maintain daily records of the black liquor firing rate, the percent black liquor solids, and the black liquor density for Recovery Furnace 5. The Permittee shall also maintain a daily record of the total amount of black liquor solids fired.
[40 CFR 52.21 and 391-3-1-.02(2)e; 40 CFR 52.21 Avoidance]
- 6.2.23 The Permittee shall obtain and maintain fuel receipts from the fuel supplier which certify that the oil fired in Recovery Furnace 5 complies with the definition of “very low sulfur oil” as defined in 40 CFR 60.41(b).
[40 CFR 60 Subpart Db; 40 CFR 52.21 Avoidance]

Power Boilers 1 and 3

- 6.2.24 Deleted.

Power Boiler 4

- 6.2.25 The Permittee shall record the total amount of coal and fuel oil combusted in Power Boiler 4 each day.
[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]
- 6.2.26 The Permittee shall use the fuel oil and coal firing rates and the sulfur content of the fuels, as provided by the fuel supplier or as analyzed by the Permittee, to calculate hourly sulfur dioxide emissions from Power Boiler 4. This hourly emission rate shall be used to document compliance with Condition 3.3.13.a on a three-hour average. The hourly emission rate shall be used to calculate monthly totals and the 12-month rolling totals for sulfur dioxide emission in order to demonstrate compliance with Condition 3.3.13.b.
[40 CFR 52.21; 40 CFR 52.21 Avoidance]

Fuel (General)

- 6.2.28 At a minimum of once every 120 days, the Permittee shall obtain a sample of the No. 2 fuel oil, No. 5 fuel oil, No. 6 fuel oil, used oil, and wastewater sludge. Each sample shall be analyzed for heat content and weight percent sulfur content in accordance with ASTM methods.
[40 CFR 70.6(a)(3)(iii)(A) and 391-3-1-.02(6)(b)1]

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- 6.2.29 For each shipment of coal received, the Permittee shall:
[40 CFR 70.6(a)(3)(iii)(A) and 391-3-1-.02(6)(b)1]
- a. Obtain a sample of the coal using the procedures of ASTM D-2234 and determine the sulfur content using ASTM D-3177 or some other method approved by the Division;
or
 - b. Obtain from the coal supplier records which contain the name of the supplier, the location of the coal when the sample was taken for analysis, the sulfur content, and the methods used for sampling and analyzing the coal. In using supplier records, the supplier shall use procedures described in Condition 6.2.29.a above.
- 6.2.31 For each shipment of residual oil (for the purposes of this permit, residual oil is defined as any fuel oil that does not comply with the specifications of fuel oil numbers 1 and 2 as defined by ASTM D396 “*Standard Specification of Fuel Oils*” and all fuel oil numbers 4, 5, and 6, as defined by ASTM D396) received to be fired in Power Boiler 4 and Recovery Furnace 5, the Permittee shall obtain from the supplier, certification that the sulfur content of the fuel oil complies with the limit contained in Condition 3.4.21. The fuel supplier certification shall contain the following information:
[391-3-1-.02(6)(b)1 and CFR 70.6(a)(3)(i)]
- a. The name of the oil supplier.
 - b. The location of the oil when the sample was drawn for analysis to determine the sulfur content of the oil, specifically including whether the oil was samples as delivered to the Permittee or whether the sample was drawn from oil in storage at the oil supplier’s or oil refiner’s facility, or other location.
 - c. The sulfur content of the oil from which the shipment came (or of the shipment itself).
 - d. The method used to determine the sulfur content of the oil.
 - e. Quantity of fuel oil delivered.
 - f. Heat content of fuel oil delivered.

6.2.32 Deleted.

CAM Plan

6.2.40 Deleted.

Package Boiler 2

6.2.41 Deleted.

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General

- 6.2.44 The Permittee shall commence construction of Waste Fuel Boiler WF and the modifications to Recovery Furnace 5, Package Boiler 2, and Power Boiler 4 within 18 months of the date of issuance of this permit. Approval to construct shall become invalid if construction is not commenced by that date. For the purposes of this Permit, the definition of “commence” is given in 40 CFR 52.21(b)(9).
[40 CFR 52.21(r)]
- 6.2.45 The Permittee shall not commence operation of Waste Fuel Boiler WF, modified Recovery Furnace 5, modified Package Boiler 2, or modified Power Boiler 4 until the privatization of Mays Bridge Road between State Route 20 and Turner Bend Road has been completed. For the purpose of this condition, privatization means the permanent closure to the public of Mays Bridge Road between State Route 20 and Turner Bend Road and the abandonment by Floyd County of Mays Bridge Road between State Route 20 and Turner Bend Road. The Permittee shall submit written notification, with supporting documentation, to the Division at such time that privatization has been completed.
[40 CFR 52.21]

40 CFR 63 Subpart MM

- 6.2.46 The Permittee is required to implement corrective action, as specified in the startup, shutdown, and malfunction plan prepared under Condition 6.2.47 if the following monitoring exceedances occur:
[40 CFR 63.864(k)(1)]
- a. For Recovery Furnace 5, when the average of ten (10) consecutive 6-minute averages results in a measurement greater than 20 percent opacity; and
 - b. For Lime Kiln Scrubbers LKS1 and LKS2 and Smelt Tank Scrubber ST5D, when any 3-hour average parameter value is outside the range of the values established in accordance with Conditions 4.2.26 through 4.2.28.
- 6.2.47 The Permittee shall 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 and maintaining Recovery Furnace 5, Smelt Tank 5, Lime Kiln 1A, and Lime Kiln 2A during periods of startup, shutdown, and malfunction, and a program of corrective action for malfunctioning process and air pollution control systems used to comply with the limits in Conditions 3.3.1, 3.3.6, 3.3.11, and 3.3.59. In addition to the information required under 40 CFR 63.6(e), the plan must include the procedures to determine the cause of an operating parameter exceedance and corrective actions to be taken in the event of an operating parameter exceedance per 40 CFR 63.866(a)(1), and the maintenance and inspection schedules per 40 CFR 63.866(a)(2).
[40 CFR 63.866(a)]

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- 6.2.48 In addition to the general records required by 40 CFR 63.10(b)(2), the Permittee shall maintain records of the following information:
[40 CFR 63.866(c)]
- a. Black liquor solids firing rates in either Mg/day or tons/day for Recovery Furnace 5;
 - b. Calcium oxide (CaO) production rates in Mg/day or tons/day for Lime Kiln 1A and 2A;
 - c. Parameter monitoring data required by 40 CFR 63.864, including any time when the operating parameter levels were inconsistent with the levels established during the initial performance test, with a brief explanation of the cause of the deviation, the time the deviation occurred, the time correction action was initiated and completed, and the corrective action taken. For Recovery Furnace 5, separate records must be maintained for deviations that occurred under Condition 6.2.46.a and for deviations that would be considered an excess emission under Condition 6.1.7.a(vii).
 - d. Documentation of supporting calculations for compliance determinations made under 40 CFR 63.865(a) through (e); and
 - e. Monitoring parameter ranges established for Recovery Furnace 5, Smelt Tank 5, Lime Kiln 1A, and Lime Kiln 2A.
- 6.2.49 The Permittee shall submit the applicable notifications as required by 40 CFR 63 Subpart A – “General Provisions” as specified in Table 1 of 40 CFR 63 Subpart MM.
[40 CFR 63.867(a)(1)]
- 6.2.50 The Permittee shall submit to the Division the particulate matter limits for Recovery Furnace 5, Smelt Tank 5, Lime Kiln 1A, and Lime Kiln 2A as part of the notification of compliance status required by 40 CFR 63 Subpart A. The calculations and supporting documentation used per 40 CFR 63.865(a)(1) and (2) shall also be submitted to the Division as part of the notification of compliance status required by 40 CFR 63 Subpart A.
[40 CFR 63.867(b)(1) and 40 CFR 63.867(b)(2)]
- 6.2.51 After the Division has approved the emission limits for any Recovery Furnace, Smelt Tank, and Lime Kiln per the requirements of the bubble limit, the Permittee shall notify the Division before any of the following occur:
[40 CFR 63.867(b)(3)]
- a. The air pollution control system for any process unit is modified or replaced;
 - b. Recovery Furnace 5, Smelt Tank 5, Lime Kiln 1A, or Lime Kiln 2A is shut down for more than 60 consecutive days;
 - c. A continuous monitoring parameter or the value or ranges of values of a continuous monitoring parameter for Recovery Furnace 5, Smelt Tank 5, Lime Kiln 1A, or Lime Kiln 2A is changed; or

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d. The black liquor solids firing rate for Recovery Furnace 5 during any 24-hour averaging period is increased by more than 10 percent above the level measured during the most recent performance test.

6.2.52 If the Permittee is seeking to perform the actions described by Conditions 6.2.51.a or 6.2.51.b for Recovery Furnace 5, Smelt Tank 5, Lime Kiln 1A, and Lime Kiln 2A, the Permittee shall recalculate the overall particulate matter emission limit for the affected process units and resubmit the documentation required by Condition 6.2.50 to the Division. All modified particulate matter emission limits are subject to approval by the Division.
[40 CFR 63.867(b)(4)]

Recovery Furnace 5

6.2.53 During periods of firing fuel oil, the Permittee shall record the total amount of fuel oil burned in Recovery Furnace 5 each operating day. The data shall be used to calculate monthly and 12-month rolling totals of fuel oil consumption.
[40 CFR 52.21 Avoidance]

Power Boiler 4

6.2.54 During periods of firing fuel oil, the Permittee shall record the total amount of fuel oil burned in Power Boiler 4 each operating day. The data shall be used to calculate monthly and 12-month rolling totals of fuel oil consumption.
[40 CFR 52.21 Avoidance]

Package Boiler 2

6.2.55 The Permittee shall obtain and maintain fuel receipts from the fuel supplier which certify that the oil fired in Package Boiler 2 complies with the definition of “very low sulfur oil” as defined in 40 CFR 60.41(b).
[40 CFR 60 Subpart Db]

6.2.56 The Permittee shall record and maintain records of the amounts of natural gas and fuel oil combusted in Package Boiler 2 during each day and calculate the annual capacity factor individually for each fuel for the reporting period. The annual capacity factor is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.
[40 CFR 60 Subpart Db]

6.2.57 During periods of firing fuel oil, the Permittee shall record the total amount of fuel oil burned in Package Boiler 2 each operating day. The data shall be used to calculate monthly and 12-month rolling totals of fuel oil consumption.
[40 CFR 52.21 Avoidance]

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Waste Fuel Boiler WF

- 6.2.58 The Permittee shall submit notification of the date of initial startup for Waste Fuel Boiler WF as provided by 40 CFR 60.7. The notification shall meet the requirements of 40 CFR 60.49b(a).
[391-3-1-.02(2)(b)(1) and 40 CFR 70.6(a)(3)(i)]
- 6.2.59 The Permittee shall obtain and maintain fuel receipts from the fuel supplier which certify that the oil fired in Waste Fuel Boiler WF complies with the definition of “very low sulfur oil” as defined in 40 CFR 60.41(b).
[40 CFR 60 Subpart Db]
- 6.2.60 The Permittee shall record and maintain records of the amounts of each individual fuel combusted in Waste Fuel Boiler WF during each day and calculate the annual capacity factor individually for each fuel for the calendar month and the reporting period. The annual capacity is determined on a 12-month rolling average basis with a new annual capacity factor calculated at the end of each calendar month.
[40 CFR 60 Subpart Db]
- 6.2.61 During any quarter that wastewater sludge is burned in Waste Fuel Boiler WF, the Permittee shall analyze a composite sample of the wastewater sludge burned in the boiler. The sludge shall be sampled and analyzed for mercury according to the procedures specified in Method 105 and 40 CFR 61.54(c). Results shall be reported with the report required by Condition 6.1.4.
[40 CFR 61.52(b)]
- 6.2.62 The Permittee shall maintain records of each 24-hour mercury emission calculation used to determine compliance with Condition 3.3.76 for Waste Fuel Boiler WF.
[40 CFR 61 Subpart E]
- 6.2.63 The Permittee shall maintain daily records which indicate all HVLC TRS gas streams that are being burned, which incineration device is being used, and when any stream bypasses their respective control device. HVLC records are not required until April 17, 2006.
[40 CFR 63 Subpart S and 391-3-1-.02(2)(gg)]
- 6.2.64 The Permittee shall use the sulfur dioxide emission data measured and recorded in accordance with Condition 5.2.1.j and the fuel firing and steam production rates measured and recorded in accordance with Conditions 5.2.2.c, 5.2.3.j, and 5.2.3.k, in order to calculate the sulfur dioxide emissions in pounds per hour from Waste Fuel Boiler WF. The results of these calculations shall be used to determine compliance with the sulfur dioxide limit in Condition 3.3.73.
[40 CFR 52.21 Avoidance]

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Linerboard Machines P1 and P2

- 6.2.65 Within 90 days of the issuance of this permit, the facility shall submit to the Division for approval, in writing, a protocol to be used to determine ongoing compliance with the VOC emission limit in Condition 3.3.78. The protocol shall describe, in detail, the good work practice standards that will be utilized and the operating parameters that indicate that the facility is following those good work practice standards.
[40 CFR 52.21]

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PART 7.0 OTHER SPECIFIC REQUIREMENTS

7.14 Specific Conditions Associated with this Amendment

7.14.1 Upon completion of the Mill Optimization Project as described in Part 1.0 of this amendment and the commissioning of all new/modified units listed in paragraph (a) of this condition, the units listed in paragraph (b) of this condition shall be permanently decommissioned:

[391-3-1-.02(6)(b)(1) and 40 CFR 70.6(a)(3)(i)]

- a. New / Modified Units: Recovery Furnace 5, Power Boiler 4, Package Boiler 2, Waste Fuel Boiler WF, Linerboard Machines P1 and P2.
- b. Units to be Decommissioned: Power Boilers 1, 2, and 3, Lime Kiln 3A, Smelt Tanks 3 and 4, Recovery Furnaces 3 (cease operation as a recovery furnace) and 4, H-washer System.

7.14.2 The following new and modified Part 3.0 conditions shall become effective upon startup of the new or modified units listed in Condition 7.14.1.a. The associated monitoring, record keeping, and reporting requirements shall also become effective upon startup.

[391-3-1-.02(6)(b)(1) and 40 CFR 70.6(a)(3)(i)]

Unit	Conditions
Recovery Furnace 5	3.3.6.a; 3.3.6.c; 3.3.6.f through 3.3.6.j; 3.3.61; 3.3.62
Power Boiler 4	3.3.13; 3.3.63 through 3.3.67; 3.3.79
Package Boiler 2	3.3.57; 3.3.68; 3.3.69; 3.4.31
Waste Fuel Boiler WF	3.3.42; 3.3.70 through 3.3.77; 3.3.79; 3.4.21; 3.4.32
Linerboard Machines P1 and P2	3.2.1; 3.3.78
Smelt Tank 5	3.3.11.b
Lime Kiln 1A	3.3.1.b; 3.3.1.d
Lime Kiln 2A	3.3.2; 3.3.59

7.14.3 For the purpose of clarity, standards that will no longer be applicable upon startup of the new and modified units due to decommissioning have been deleted from the permit. The Permittee shall comply with all applicable standards (and associated monitoring, record keeping, and reporting requirements) for those units until such time that the equipment has permanently ceased operation. The affected Part 3.0 conditions are as follows: 3.3.3 through 3.3.5, 3.3.9, 3.3.10, 3.3.12, 3.3.58, 3.4.4, 3.4.5.a, 3.4.6, 3.4.7, 3.4.10, 3.4.29, and 3.4.30.

[391-3-1-.02(6)(b)(1) and 40 CFR 70.6(a)(3)(i)]

7.14.4 For the purpose of clarity, conditions relating to multiple units have been modified to remove reference to units that will be decommissioned. The Permittee shall continue to comply with all applicable standards (and associated monitoring, record keeping, and reporting requirements) for those units until such time that the equipment has permanently ceased operation. The affected Part 3.0 conditions are as follows: 3.3.13, 3.3.36, 3.3.41, 3.4.1, 3.4.2, 3.4.5, 3.4.8, 3.4.9, 3.4.11, and 3.4.21.

[391-3-1-.02(6)(b)(1) and 40 CFR 70.6(a)(3)(i)]

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7.3 Alternative Requirements Associated with this Amendment [White Paper #2]

7.3.1 Deleted.

PART 8.0 GENERAL PROVISIONS

8.14 Compliance Requirements

8.14.1 Compliance Certification

The Permittee shall provide written certification to the Division and to the EPA, at least annually, of compliance with the conditions of this Permit. The annual written certification shall be postmarked no later than January 30 of each year and shall be submitted to the Division and to the EPA. The certification shall include, but not be limited to, the following elements:

[391-3-1-.03(10)(d)3 and 40 CFR 70.6(c)(5)]

- a. The identification of each term or condition of the Permit that is the basis of the certification;
- b. The status of compliance with the terms and conditions of the permit for the period covered by the certification, including whether compliance during the period was continuous or intermittent, based on the method or means designated in paragraph c below. The certification shall identify each deviation and take it into account in the compliance certification. The certification shall also identify as possible exceptions to compliance any periods during which compliance is required and in which an excursion or exceedance as defined under 40 CFR Part 64 occurred;
- c. The identification of the method(s) or other means used by the owner or operator for determining the compliance status with each term and condition during the certification period;
- d. Any other information that must be included to comply with section 113(c)(2) of the Act, which prohibits knowingly making a false certification or omitting material information; and
- e. Any additional requirements specified by the Division.

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Attachments

- B. Insignificant Activities Checklist, Insignificant Activities Based on Emission Levels and Generic Emission Groups

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ATTACHMENT B

NOTE: Attachment B contains information regarding insignificant emission units/activities and groups of generic emission units/activities in existence at the facility at the time of Permit issuance. Future modifications or additions of insignificant emission units/activities and equipment that are part of generic emissions groups may not necessarily cause this attachment to be updated.

INSIGNIFICANT ACTIVITIES CHECKLIST

Category	Description of Insignificant Activity/Unit	Quantity
Storage Tanks and Equipment	1. All petroleum liquid storage tanks storing a liquid with a true vapor pressure of equal to or less than 0.50 psia as stored.	<21