Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation

FINAL Permit Revision No.: 1070005-023-AV

Palatka Mill

Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
14	**#4 Power Boiler**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
PM (steady-state)	#6 Fuel Oil	8760						62-296.406(2), F.A.C.	III.A.4.
PM (soot blowing)	#6 Fuel Oil		0.3 lb/MMBTU					62-210.700(3), F.A.C.	III.A.5.
Sulfur Dioxide	#6 Fuel Oil	8760	2.35% Sulfur Content	344.0	1,508.0			62-296.406(3), F.A.C.	III.A.6.
VE (steady-state)	#6 Fuel Oil	8760	20% opacity except 40/2					62-296.406(1), F.A.C.	III.A.7.
VE (soot blowing)	#6 Fuel Oil	60% opacity for 3hrs/24 hrs						62-210.700(3), F.A.C.	III.A.8.

Note:

* The "Equivalent Emissions" listed are for informational purposes only.

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
15	#5 Power Boiler

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
PM (steady-state)	Fuel Oil	8760	0.1 lb/MMBTU	56.89	249.18			62-296.405(1)(b), F.A.C.	III.B.4.
PM (soot blowing)	Fuel Oil		0.3 lb/MMBTU	170.67				62-210.700(3), F.A.C.	III.B.5.
Sulfur Dioxide	Fuel Oil	8760	2.35% Sulfur Content	1461.7	6404.2			1070005-017-AC/PSD-FL-26	III.B.6.
VE (steady state)	Fuel Oil	8760	20% opacity except 40/2					62-296.405(1)(a), F.A.C.	III.B.7.
VE (soot blowing)	Fuel Oil		60% opacity for 3hrs/24 hrs					62-210.700(3), F.A.C.	III.B.8.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

[electronic file name: 10700051.xls]

Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
16	**#4 Combination Boiler**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Particulate Matter	Carb.Fuel	8760	0.3 lb/MMBtu	125.6	550.1			62-296.410(1)(b)2.	III.C.4.
Particulate Matter	#6 Fuel	8760	0.1 lb/MMBtu	41.9	183.5			62-296.410(1)(b)2.	III.C.4.
Sulfur Dioxide	#6, NCG,SO(	8760	2.35% Sulfur Content	1701.9**	5259.5**			1070005-017-AC/PSD-	III.C.5.a.
Sulfur Dioxide	NCG/SOG	8760		626.4	548.7			1070005-017-AC/PSD-	III.C.5.a.
Total Reduced Su	Any of the permitted fuels	8760	5 ppmvd @ 10% O2	0.54	0.47			62-296.404(3)(f)1., F.A	III.C.6.
Visible Emissions	Carb./Fuel Oil	8760	30% opacity except 40% 2 min/hr					62-296.410(1)(b)1., F.A	III.C.7.a.
Visible EMissions	#6 Fuel	8760	20% Opacity except 40% 2 min/hr					AC54-163040	III.C.7.b.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

** Includes the SO2 due to NCG/SOG destruction (626.4 lb/hr and 548.7 TPY)

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

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E.U. ID No.	**Brief Description**
17	**# 4 Lime Kiln**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Particulate Matter	Fuel Oil	8760	0.081 gr/dscf @ 10% O2	26.0	113.9			BACT; AC54-192551	III.D.4.
Total Reduced Sulfur	Fuel Oil	8760	20 ppmvd @ 10% O2 as 12	4.0	17.5			62-296.404(3)(e)1.	III.D.5.
Visible Emissions	Fuel Oil	8760	20% Opacity (moisture interference)					BACT; AC54-192551	III.D.6.
Sulfur Dioxide	Fuel Oil	8760	0.3 lb/ton (ADUP);50% eff.	10.9	47.7			BACT; AC54-192551	III.D.7.
Nitrogen Oxides	Fuel Oil	8760	290 ppmvd @ 10% O2	50.3	223.3			BACT; AC54-192551	III.D.8.
Carbon Monoxide	Fuel Oil	8760	69 ppmvd @ 10% O2	7.3	32.0			BACT; AC54-192551	III.D.9.
Volatile Organic Cpds	Fuel Oil	8760	185 ppmvd @ 10% O2	17.2	75.3			BACT; AC54-192551	III.D.10.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
18	**#4 Recovery Boiler**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Particulate Matter	BLS/Oil	8760	0.030 gr/dscf @ 8% O2	75.6	331.1			BACT; AC54-266676	III.E.4.
Total Reduced Sulfur	BLS/Oil	8760	7.0 ppmvd @ 8% O2 as 12-mo. rolling avg	10.9	47.7			BACT; AC54-266676	III.E.5.
Total Reduced Sulfur	BLS/Oil	8760	11.2 ppmvd @8% O2 as 12-hr block avg.	17.5				BACT; AC54-266676	III.E.5.
Visible Emissions	BLS/Oil	8760	20% Opacity					BACT; AC54-266676	III.E.6.
Sulfur Dioxide	BLS/Oil	8760	75 ppmvd @ 8% O2	109.9	481.4			BACT; AC54-266676	III.E.7.
Nitrogen Oxides	BLS/Oil	8760	80 ppmvd @ 8% O2	168.5	738.1			BACT; AC54-266676	III.E.8.
Carbon Monoxide	BLS/Oil	8760	3-hr block avg.; 800 ppmvd @ 8% O2	1,025.4				BACT; AC54-266676	III.E.9.
Carbon Monoxide	BLS/Oil	8760	24-hr; 400 ppmvd @ 8% O2	512.7	2,245.6			BACT; AC54-266676	III.E.9.
Volatile Organic Cpds	BLS/Oil	8760	0.30 lb/ton BLS	31.5	138.0			BACT; AC54-266676	III.E.10.
Sulfuric Acid Mist	BLS/Oil	8760	0.81 ppmvd	3.2	14.2			BACT; AC54-266676	III.E.11.
Beryllium	BLS/Oil	8760	0.5 lb/E+12 BTU	0.0006	0.0028			BACT; AC54-266676	III.E.12.

Notes:

* The "Equivalent Emissions" listed are for informational purposes only.

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
19	**#4 Smelt Dissolving tanks (2)**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Particulate Matter		8760	0.12 lb/ton BLS	12.6	55.2			BACT; AC54-193841	III.F.3.
Total Reduced Sulfur		8760	48 lb TRS/3000 lbs BLS as H	3.4	14.9			62-296.404(3)(d)1.,FA	III.F.4.
Visible Emissions		8760	<20% opacity (moisture interference)					62-296.404(2)(b),FAC	III.F.5.

Notes:

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
31	**Tall Oil Plant**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Total Reduced Sulfur		8760	0.031 lb TRS/ton Tall Oil as 12-hr av	0.14	0.5			62-296.404(3)(b)1., F.A.	III.G.3.

Notes:

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation | **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill | Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	Brief Description
32	Noncondensable Gas System (REMOVED)

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation | **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill | Facility ID No.:1070005

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E.U. ID No.	**Brief Description**	Allowable Emissions	Equivalent Emissions*
34	**#6 Boiler (REMOVED)**		

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation | **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill | Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
35	**ClO2 Plant and Methanol Tank**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Tank Dimensions		8760						40 CFR 60.116(a) and (b),	III.J.3.

Notes:

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

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E.U. ID No.	**Brief Description**
036	**Elemental Chlorine Free No. 3 Bleach Plant**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Carbon Monoxide		8760		46.0	201.0			62-212.410, F.A.C	III.K.6.
Total Chlorinated HAPs		8760	< 10 ppmv					63.445(c)(2);	III.K.7.
Visible Emissions		8760	< 20% Opacity					62-296.320, F.A.C.; Rule 62-296.404(2)(b), F.A.C	III.K.8.

Notes:

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation — **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill — Facility ID No.:1070005

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E.U. ID No.	**Brief Description**
044	**No.7 Package Boiler**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
Nitrogen Oxides		8760	0.2 lb/MMBtu	48.9	39.4			40 CFR 60.44b(a)(1)(ii); 40 CFR 60.44b(h); 40 CFR 60.44b(i); 40 CFR 60.44b(l)(1);	III.L.5.
Visible Emissions		8760	< 20% Opacity except for 27% for up to 6/hr					Rule 62-296.406(1), F.A.C	III.L.7.

Notes:

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation | **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill | Facility ID No.:1070005

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

E.U. ID No.	**Brief Description**
037	**Thermal Oxidizer**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
TRS		8760	5 ppmv correct 10% O2, 12-hr avg.	0.2	0.89			62-296.404(3)(f)1., F.A.C	III.N.4.
Visible Emissions		8760	< 20% Opacity						III.N.6.
Sulfur Dioxide		8760		31.3	137.2				III.N.5.
Total HAP Reduction		8760	<= 20 ppmvd correct ed to 10% O2 Methanol					40 CFR 63.443(d)(2);	III.N.7.

Notes:

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Table 1-1, Summary of Air Pollutant Standards and Terms

Georgia-Pacific Corporation | **FINAL Permit Revision No.: 1070005-023-AV**

Palatka Mill | Facility ID No.:1070005

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E.U. ID No.	**Brief Description**
046	**Condensate Collection and Steam Stripper**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s)
HAP Collection		8760	Collect 7.2 lb/ton ODUBP and 11.1 lb/ton ODBP; prorated and based on 15-day average					40 CFR 63.446(c)(3)	III.O.5.
Total HAP Treatment		8760	Reduce or destroy the total HAPs by at least 92 percent or more by weight					40 CFR 63.446(e)(3)	III.O.9.

Notes:

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