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

Georgia-Pacific Consumer Products LLC | **DRAFT Permit Revision No.: 1070005-054-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 (REMOVED)**

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	lbs./hour	TPY	Regulatory Citation(s)	Permit Cond(s

Note:

* 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 Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill — Facility ID No.:1070005

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

Pollutant Name	Fuel(s)	Hrs/Yr	Allowable Emissions Standard(s)	lbs/hr	TPY	Regulatory Citation(s)	Permit Cond(s
PM (steady-state)	Fuel Oil	8760	0.1 lb/MMBTU	56.89	218.0	62-296.405(1)(b), F.A.C.	III.B.5.
PM (soot blowing)	Fuel Oil		0.3 lb/MMBTU	170.67		62-210.700(3), F.A.C.	III.B.6.
Sulfur Dioxide	Fuel Oil	8760	2.35% Sulfur Content	1544.3	6638.5	1070005-024-AC	III.B.7.a
SO2-DNCG & SOG	Fuel Oil		2.34% Sulfur Content	626.4**	548.7 **	1070005-024-AC	III.B.7.b
VE (steady state)	Fuel Oil	8760	20% opacity except 40/2			62-296.405(1)(a), F.A.C.	III.B.8.
VE (soot blowing)	Fuel Oil		60% opacity for 3hrs/24 hrs			62-210.700(3), F.A.C.	III.B.9.
TRS ***			5 ppm by volume on dry	3.9	17.1	1070005-024-AC	III.B.10.
			basis at standard conditions				
			corrected to 10 percent O2				
			as as a 12-hr average				

Notes:

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

** The burning of DNCGs shall cease when the sum of SO2 emissions reach the yearly allowable limit of 236.3 tons. The yearly alowable is applic
either the No. 5 PB or the No. 4 CB, or the No 5 PB and the No 4 CB combined for a total of 236.3 tpy.

*** TRS Emissions when the No. 5 PB is used to burnedDNCGs

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill — Facility ID No.:1070005

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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,SOC	8760	2.35% Sulfur Content	1784.5**	5495.8**			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)

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill — Facility ID No.:1070005

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

Pollutant Name	Fuel(s)	Hrs/Yr	Allowable Emissions Standard(s)	lbs/hr	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.
Particulate Matter Bubble Limit **	Fuel Oil	8760	1.217 lb PM/ Ton-BLS			40 CFR 63.862(a)(1)(ii)(A)	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.

** Alternant PM Limit established using a bubble over EU017 (Lime Kiln), EU018 (#4 Recovery Boiler) and EU019 (Smelt Dissolving Tanks).

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill — Facility ID No.:1070005

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

Pollutant Name	Fuel(s)	Hrs/Yr	Allowable Emissions Standard(s)	lbs/hr	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.
Particulate Matter Bubble Limit **	BLS/Oil	8760	1.217 lb PM/ Ton-BLS			40 CFR 63.862(a)(1)(ii)(A)	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:

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** Alternant PM Limit established using a bubble over EU017 (Lime Kiln), EU018 (#4 Recovery Boiler) and EU019 (Smelt Dissolving Tanks).

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill — Facility ID No.:1070005

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

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	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.
Particulate Matter Bubble Limit **		8760	1.217 lb PM/ Ton-BLS			40 CFR 63.862(a)(1)(ii)(A)	IIIF.3.
Total Reduced Sulfur		8760	48 lb TRS/3000 lbs BLS as I	3.4	14.9	62-296.404(3)(d)1.,FAC	III.F.4.
Visible Emissions		8760	<20% opacity (moisture interference)			62-296.404(2)(b),FAC	III.F.5.

Notes:

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

** Alternant PM Limit established using a bubble over EU017 (Lime Kiln), EU018 (#4 Recovery Boiler) and EU019 (Smelt Dissolving Tanks).

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC **DRAFT Permit Revision No.: 1070005-054-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 avg	0.14	0.5			62-296.404(3)(b)1., F.A.	III.G.3.

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 Consumer Products LLC **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill Facility ID No.:1070005

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

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC

DRAFT Permit Revisio No.: 1070005-054-AV

Palatka Mill

Facility ID No.:1070005

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E.U. ID No.	Brief Description
34	#6 Boiler (REMOVED)

	Allowable Emissions			Equivalent Emissions*	

[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill Facility ID No.:1070005

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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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[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-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		100.0	324.0			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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[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-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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[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC — **DRAFT Permit Revision No.: 1070005-054-AV**

Palatka Mill — Facility ID No.:1070005

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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.5.
Visible Emissions		8760	< 20% Opacity						III.N.7.
Sulfur Dioxide		8760		31.3	137.2				III.N.6.
Total HAP Reduction		8760	<= 20 ppmvd correct ed to 10% O2 Methanol					40 CFR 63.443(d)(2);	III.N.8.

Notes:

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[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC **DRAFTPermit Revision No.: 1070005-054-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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[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC
Palatka Mill

DRAFT Permit Revision No.: 1070005-054AV

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E.U. ID No.	Brief Description
047	Brown Stock Washers Lines 3, 5, 6 & 7

			Allowable Emissions		
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	Regulatory Citation(s)	Permit Cond(s)
Total HAP Treatment		8760	Shall be controlled and treated pursuaant to Supbart S	40 CFR 63.443(a)(ii)-(v)	III.Z.3.

Notes:
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[electronic file name: 10700051.xls]

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

Georgia-Pacific Consumer Products LLC
Palatka Mill

DRAFT Permit Revision No.: 1070005-054-AV
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
048	New 2 Two Stage Oxygen Delignification System

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	Regulatory Citation(s)	Permit Cond(s)
Total HAP Treatment		8760	Shall be controlled and treated pursuaant to Supbart S			40 CFR 63.443(a)(ii)-(v)	III.AA.3

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

Georgia-Pacific Consumer Products LLC
Palatka Mill

DRAFT Permit Revision No.: 1070005-054-AV
Facility ID No.:1070005

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E.U. ID No.	Brief Description
050	Converting Department

			Allowable Emissions				
Pollutant Name	Fuel(s)	Hrs/Yr	Standard(s)	lbs/hr	TPY	Regulatory Citation(s)	Permit Cond(s)
Organic HAP		8760	No greater than 4% of the mass of coating materials applied for each month.			40 CFR 63.3320(b)(2)	III.Y.1.

Notes:
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[electronic file name: 10700051.xls]