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

Rayonier Performance Fibers, LLC — **Final Permit No.:** 0890004-029-AV

Fernandina Beach Mill — **Facility ID No.:** 0890004

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**

005 Vent Gas Scrubber and Direct Contact Condenser

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Sulfur Dioxide		8,760	250 ppm (28350 ACFM, 130°F)			63.2	276.82	0890004-002-AC 0890004-010-AC	III D.1., D.2.
Visible Emissions		8,760	<20% Opacity					62-296.320(4)(b)1., F.A.C. 0890004-010-AC	III D.1, D.3.
Total HAPs		8,760	2.2 lbs/TODP (combined with EU 010 & 021) See Permit					40 CFR 63.444(c) and (c)(2)(i)]	III. H.3.

Notes:

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

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Rayonier Performance Fibers, LLC | **Final Permit No.: 0890004-029-AV**

Fernandina Beach Mill | **Facility ID No.:** 0890004

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E.U. ID No. **Brief Description**

006 Recovery Boiler

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter	RLS No. 6 Fuel Oil Onspec/ No. 6 FO Blend	8,760	0.092 gm/dscm @ 8% O_2			43.18	295.6	40 CFR 63.862(a)(2)	III E.3., E.4.
Sulfur Dioxide	RLS No. 6 Fuel Oil Onspec/ No. 6 FO Blend	8,760	300 ppm, dry hourly aver.			321.9	1,410.0	LRACT, 0890004-001-AC 0890004-017-AC	III E.3., E.5.
Visible Emissions	RLS No. 6 Fuel Oil Onspec/ No. 6 FO Blend	8,760	<20% Opacity					LRACT, 0890004-001-AC 0890004-017-AC	III E.3., E.6.

Notes:

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RLS = Red Liquor Solids

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E.U. ID No. **Brief Description**

007 Molten Sulfur Storage and Handling Area

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Sulfur	N/A	N/A	Operational Practices	N/A	N/A			62-296.411(1)	III F. 1 through F.7.

Notes:

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

Rayonier Performance Fibers, LLC
Fernandina Beach Mill

Final Permit No.: 0890004-029-AV
Facility ID No.: 0890004

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E.U. ID No. **Brief Description**
010 Biological Effluent Treatment System

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Total HAPs		8,760	2.2 lbs/TODP (combined with EU 005 & 021) See Permit					40 CFR 63.444(c) and (c)(2)(i)]	III. H.3.

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

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

Rayonier Performance Fibers, LLC
Fernandina Beach Mill

Final Permit No.: 0890004-029-AV
Facility ID No.: 0890004

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**
021 Evaporator Vents Methanol Condenser System

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Total HAPs		8,760	2.2 lbs/TODP (combined with EU 005 & 010) See Permit					40 CFR 63.444(c) and (c)(2)(i)]	III. H.3.

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

Rayonier Performance Fibers, LLC — **Final Permit No.:** 0890004-029-AV

Fernandina Beach Mill — **Facility ID No.:** 0890004

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E.U. ID No. **Brief Description**

022 No. 6 Power Boiler

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Particulate Matter	Biomass, TDF, No. 2 fuel oil for start-up	8,760	0.07 lb/MMBtu heat input	36.75	138.0			Rule 62-4.070(3), F.A.C., 018-AC; 021-AC	III. G.4.a.
			43 nanograms per joule heat input (0.10 lb per million Btu) derived from fossil fuel or fossil fuel and wood residue	52.5				40 CFR 60.42(a)(1)	III. G.4.b.
			0.2 lb/MMBtu heat input of carbonaceous fuel plus 0.1 lb/MMBtu heat input of fossil fuel	105.0				Rule 62-296.410(2)(b)2.; F.A.C	III. G.4.c.
Sulfur Dioxide			340 nanograms per joule heat input (0.80 lb per million Btu) derived from liquid fossil fuel or liquid fossil fuel and wood residue,	420.0				40 CFR 60.43(a)(1); 40 CFR 60.45(g)(2)	III.G.5.a.
			210.0 tons p 12-mo period					ESCP PSD Review, 018-AC; 021-AC	III.G.5.b.
Nitrogren Oxides			129 nanograms per joule heat input (0.30 lb per million Btu)	101.2				40 CFR 60.44(a)(2); 40 CFR 60.45(g)(3	III.G.6.a.
Carbon Dioxide			0.3 lb/MMBtu heat input.	157.5	591.3			018-AC; 021-AC	III.G.7.
VOC			0.002 lb/MMBtu heat input	1.05	3.94			018-AC; 021-AC	III.G.8.
Visible Emissions			20 percent opacity (6-minute average) except for one six-minute period per hour of not more than 27 percent opacity.					40 CFR 60.42(a)(2); and, 40 CFR 60.45(g)(1);	III.G.9.a.
			30 percent opacity except that a density of 40 percent opacity is permissible for not more than two minutes in any one hour.					Rule 62-296.410(2)(b)1., F.A.C.	III.G.9.b.
Sulfur Content	No. 6 Oil &No. 6/On-Spec blend		2.5% by weight					018-AC; 021-AC	III.G.10.
Sulfur Content	SSL		5.5% by weight					018-AC; 021-AC	III.G.11.

Notes:

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Rayonier Performance Fibers, LLC | **Final Permit No.:** 0890004-029-AV
Fernandina Beach Mill | **Facility ID No.:** 0890004

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E.U. ID No. **Brief Description**
011 Dissolving -Grade Bleaching System

			Allowable Emissions			Equivalent Emissions*			
Pollutant Name	Fuel(s)	Hours/Year	Standard(s)	lbs./hour	TPY	lbs./hour	TPY	Regulatory Citation(s)	See permit condition(s)
Chlorinated HAP		8,760	0.002 lbs of total HAP/TODP					40 CFR 63.445	III I.3.
Chloroform		8,760	Comply with NPDES permit limitations					40 CFR 63.445(d)(1)(iii), FR 08/29/2005, Vol 70, Pgs. 51050 - 51051	III I.4.

Notes:
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