Revised Table 6 - Part B. SJRPP: Materials Handling and Storage Operations

Emission Unit No.	Materials Handling and Storage Operations Emission Unit/Point	Type Source	VE Limit (% Opacity)	AQCS	Predicted Emissions (lbs/hr)	VE Testing Frequency	Rationale
022: SJRPP: Bottom Ash, Fly Ash and Gypsum Handling and Storage Operations							
022a	Gypsum Dewatering Building	Fugitive	5	1	0.04	Upon Request	Wet byproduct w/insignificant emissions
022a	Gypsum Storage Enclosure	Fugitive	5	1	0.008	Upon Request	Wet byproduct w/insignificant emissions
022j	Gypsum Truck Loadout	Fugitive	5	1	0.28	Upon Request	Wet byproduct w/insignificant emissions
022j	Fly Ash Loadout for Silo 1A (metal structure)	Fugitive	10	1 & 3	0.06	Upon Request	Emissions vented back to Saleable Ash Silo
022j	Fly Ash Loadout for Silo 1B (metal structure)	Fugitive	10	1 & 3	0.06	Upon Request	Emissions vented back to Saleable Ash Silo
022j	Fly Ash Loadout for Silo 2A (metal structure)	Fugitive	10	1 & 3	0.06	Upon Request	Emissions vented back to Saleable Ash Silo
022j	Fly Ash Loadout for Silo 2B (metal structure)	Fugitive	10	1 & 3	0.06	Upon Request	Emissions vented back to Saleable Ash Silo
022k	Solid Waste Disposal Area	Fugitive	10	1 & 2	0.31	Upon Request	Wet byproduct w/insignificant emissions
022l	*Saleable Fly Ash Silo 1A with Fabric Filter (concrete structure)*	Point-Vent	5	4 & 5	0.2	Annually	Vent with minor emissions
022l	*Saleable Fly Ash Silo 1B with Fabric Filter (concrete structure)*	Point-Vent	5	4 & 5	0.2	Annually	Vent with minor emissions
022l	*Saleable Fly Ash Silo 2A with Fabric Filter (concrete structure)*	Point-Vent	5	4 & 5	0.2	Annually	Vent with minor emissions
022l	*Saleable Fly Ash Silo 2B with Fabric Filter (concrete structure)*	Point-Vent	5	4 & 5	0.2	Annually	Vent with minor emissions
022l	*Non-Saleable Fly Ash Silo Unit 1-A with Fabric Filter (concrete structure)*	Point-Vent	5	4 & 5	0.2	Annually	Vent with minor emissions
022l	*Non-Saleable Fly Ash Silo Unit 2-A with Fabric Filter (concrete structure)*	Point-Vent	5	4 & 5	0.2	Annually	Vent with minor emissions
022m	*Wet Fly Ash Load out 1A/1B*	Fugitive	10	1, 4 & 6	0.2	Upon Request	Wet byproduct w/insignificant emissions
022m	Bottom Ash Loadouts 1A/1B	Fugitive	10	1	0.09	Upon Request	Wet byproduct w/insignificant emissions
022m	*Wet Fly Ash Load out 2A/2B*	Fugitive	10	1, 4 & 6	0.2	Upon Request	Wet byproduct w/insignificant emissions
022m	Bottom Ash Loadouts 2A/2B	Fugitive	10	1	0.09	Upon Request	Wet byproduct w/insignificant emissions
022n	Unpaved Road, By-Product Transport	Fugitive	10	1 & 2	0.58	Upon Request	No emission vent, reasonable precautions conducted (watering)
023: SJRPP: Fuel and Limestone Handling and Storage Operations							
023a	Rotary Railcar Dumper Building - Unloading and Transfer Points	Point-Fugitive	10	1, 2, 4 & 6	0.15	Upon Request	No emissions vent, minor emissions, enclosed source w/spray bar
023b	Conveyor C-3 Tunnel Ventilation - 6,400 cfm; No control	Point-Vent	5	4	0.32	Upon Renewal of Title V	Provides tunnel ventilation only, minor emissions
023b	Conveyor C-3 Tunnel Ventilation - 6,400 cfm; No control	Point-Vent	5	1, 3 & 4	0.32	Upon Renewal of Title V	Provides tunnel ventilation only, minor emissions
023b	Conveyor C-3 Tunnel Ventilation - 21,600 cfm; No control	Point-Vent	5	1 & 4	0.32	Upon Renewal of Title V	Provides tunnel ventilation only, minor emissions
023c	Shiphold Operations	Fugitive	10	1, 4 & 6	0.54	Upon Request	No emissions vent, minor emissions
023d	Ship Unloader Hopper and Spillage Collector Transfers	Fugitive	10	1, 3, 4 & 6	0.28	Upon Request	No emissions vent, minor emissions
023d	Ship Unloader Hopper to Transfer CT-1, Spillage Conveyor	Fugitive	10	1, 3, 4 & 6	1	Upon Request	Enclosed conveyor, no emissions vent
023e	Fuel Transfer Building (DC-2)	Fugitive	10	1, 3 & 4	0.65	Upon Request	No emissions vent, minor emissions, enclosed source
023e	Transfer Station No. 1	Fugitive	5	1, 2 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Station No. 2	Fugitive	5	1, 2 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Station No. 3	Fugitive	5	1, 2 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Station No. 4	Fugitive	5	1 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Station No. 5	Fugitive	5	1 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Station No. 6	Fugitive	5	1 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Station No. 7	Fugitive	5	1 & 4	0.04	Upon Request	Enclosed conveyor, no emissions vent
023e	Transfer Point 9GC-04 to 9GC-05	Fugitive	5	1	0.007	Upon Request	No emissions vent, minor emissions (gypsum)
023f	Stacker/Reclaimer (Stacker Mode)	Fugitive	10	1 & 3	2.29	Upon Request	No emissions vent, minor emissions
023f	Stacker	Fugitive	10	1 & 3	1.15	Upon Request	No emissions vent, minor emissions
023f	Reclaimer	Fugitive	10	1 & 3	0.43	Upon Request	No emissions vent, minor emissions
023g	Petroleum Coke Reclaimer System (PC-1)	Fugitive	10	1	0.32	Upon Request	No emissions vent, minor emissions
023g	Emergency Reclaim Hoppers - Loadout	Fugitive	10	1	0.29	Upon Request	Same as other reclaim systems; not typically used
023j	Limestone Truck Loadout & Transfer	Fugitive	10	1	0.1	Upon Request	No emissions vent, minor emissions.
023k	Limestone Storage Pile #1 - Existing	Fugitive	10	1	0.26	Upon Request	No emissions location, minor emissions
023k	Limestone Storage Pile #2 - Fuel Yard	Fugitive	10	1, 2 & 3	0.71	Upon Request	No emissions location, minor emissions.
023k	*Limestone Reclaim Loadout - Grizzley*	Fugitive	10	1 & 3	None	Upon Request	Minor emissions
023k	Coal Pile	Fugitive	10	1, 2 & 3	0.26	Upon Request	No emissions location, minor emissions
023k	Petroleum Coke Pile	Fugitive	10	1, 2 & 3	0.71	Upon Request	No emissions location, minor emissions
023l	Limestone Reclaim Hopper with Fabric Filter (3DC-01)	Point-Vent	5	1, 4 & 5	0.14	Annually	Vent with minor emissions
023l	*Limestone Silos with Fabric Filters (2: 1DC-01 and 2DC-01)*	Point-Vent	5	1, 4 & 5	0.05	Annually	Minor emissions
023l	*Quick Lime Silo with Filter Vent (used for water treatment)*	Point-Vent	5	4 & 5	None	Upon Renewal of Title V	Minor emission source, low volume material handling; 15 min VE suggested
023l	Fuel Handling Building with Fabric Filter (DC-3)	Point-Vent	5	1, 4 & 5	0.24	Annually	Vent with minor emissions
023l	Unit #1 Fuel Storage Bins with Fabric Filter (DC-4)	Point-Vent	5	1, 4 & 5	0.009	Annually	Vent with minor emissions
023l	Unit #2 Fuel Storage Bins with Fabric Filter (DC-5)	Point-Vent	5	1, 4 & 5	0.009	Annually	Vent with minor emissions

NOTE:

a. *"Italics"* indicates that the emission point was not included in Revised Table 6 of PSD-FL-010(C), but is associated with the material handling and storage operations at JEA's SJRPP.

b. The VE limit (% opacity) shall be used for compliance purposes and demonstrated using EPA Reference Method 9, pursuant to 40 CFR Part 60, Appendix A, and Chapter 62-297, F.A.C.

c. **Air Quality Control Systems (AQCS)**

1. Conditioned Materials
2. Wet Suppression, as needed
3. Water Sprays, as needed
4. Enclosures (Total, Partial, Covers, & Wind Screens)
5. Dust Control System - AQCS
6. Best Operating Practices

d. Predicted emissions (lbs/hr): these values were predicted/estimated and used in a preliminary screening/modeling evaluation for as permitting action (PSD-FL-010) and are not considered to be allowable emission limits.