

**Florida Department of Environmental Protection – Division of Air Resource Management
2024 Annual Progress Report for 111(d) State Plans as found in 40 CFR Part 62, Subpart K**

Table 1 below summarizes Florida’s 111(d) state plans for which there is at least one existing facility subject to the state plan.

Table 1. Existing Facilities Subject to Florida 111(d) State Plans

Florida Air Rules for 111(d) State Plans as found in 40 CFR 62 Subpart K	2024 Enforcement	2024 Revocations /Shutdowns	2024 New Sources	List of Existing Facilities (Facility ID No. & Name)
Rule 62-296.404, F.A.C. – Total Reduced Sulfur Emissions from Kraft Pulp Mills and Tall Oil Plants (§ 62.2353)	0	0	0	1230001: Foley Cellulose 0330042: International Paper Pensacola 0890003: Westrock Fernandina Beach Mill 1070005: Georgia-Pacific Palatka Mill 0050009: Westrock Panama City Mill
Rule 62-204.800(9)(b), F.A.C. – Metals, Acid Gases, Organic Compounds and Nitrogen Oxide Emissions from Existing Municipal Waste Combustors with a Capacity to Combust Greater than 250 Tons Per Day of Municipal Solid Waste (§ 62.2355)	2	0	0	0250348: Miami-Dade County RRF 0570261: Hillsborough County RRF 0710119: Lee County RRF 1010056: Pasco County RRF 0112119: Wheelabrator South Broward 0570127: McKay Bay RTE Facility 0690046: Lake County RRF 0990234: Palm Beach Renewable Energy Park 1030117: Pinellas County RRF
Rule 62-204.800(9)(h), F.A.C. – Landfill Gas Emissions from Existing Municipal	3	0	0	0210051: Collier County Landfill 0230048: Winfield Landfill 0250603: North Dade Landfill 0250615: Medley Landfill 0250623: South Dade Landfill 0570854: Hillsborough County SE LF 0610015: Indian River County Landfill 0810055: Manatee County Lena Road Landfill 0830124: Baseline Landfill

Florida Air Rules for 111(d) State Plans as found in 40 CFR 62 Subpart K	2024 Enforcement	2024 Revocations /Shutdowns	2024 New Sources	List of Existing Facilities (Facility ID No. & Name)
Solid Waste Landfills (§ 62.2360) ¹				0850120: Palm City II Sanitary Landfill 0890428: West Nassau Class I Landfill 0990234: Palm Beach Renewable Energy Park 1110081: St. Lucie County Baling and Recycling Facility 1170084: Osceola Road Landfill 0112370: Southwest Regional Landfill 0150075: Zemel Road Solid Waste Management Facility 0170366: Citrus County Central Landfill 0510030: Lee/Hendry County Regional Solid Waste Landfill 0530379: Hernando County NW and Recycling Facility 1010056: Pasco County Resource Recovery Facility 1030117: Pinellas County Resource Recovery Facility 1190053: A.C.M.S. Class I Landfill 1150089: Central County Solid Waste Disposal Facility

Five of Florida’s 111(d) state plans no longer have any units subject to the state plan.

Rule 62-296.402, F.A.C. – Sulfuric Acid Mist from Existing Sulfuric Acid Plants (§ 62.2351)

Florida’s 1978 111(d) state plan regulating sulfuric acid mist (SAM) from existing sulfuric acid plants (SAP) included 11 facilities, as listed in 40 CFR 62.2351 (see **Table 2** below). All but four of the SAPs at these facilities have either merged with other units or have shutdown. The five remaining SAPs are all subject to the New Source Performance Standards in 40 CFR 60, Subpart H (Standards of Performance for Sulfuric Acid Plants), which the State of Florida adopted and incorporated by reference in Rule 62-204.800(8)(b)12.,

¹ Florida’s state plan implementing 40 CFR Part 60 Subpart Cc (Rule 62-204.800(9)(c), F.A.C.) has been superseded by the May 21, 2021, promulgation of the federal plan implementing Subpart Cf (40 CFR Part 60 Subpart Cf). Final EPA approval of Florida’s 111(d) state plan implementing Subpart Cf was effective on September 15, 2022 (87 FR 50269).

F.A.C. There are no longer any SAP units categorized as existing units for sulfuric acid mist in the state of Florida. Florida will request that EPA repeal Florida's 111(d) state plan for sulfuric acid mist from existing sulfuric acid plants in a future submittal.

Rule 62-204.800(9)(e), F.A.C. – Air Emissions from Small Municipal Waste Combustion (SMWC) Units (§ 62.2390)

Florida's 111(d) state plan regulating air emissions from small municipal waste combustion (SMWC) (i.e., units that burn < 250 tons per day [TPD] municipal solid waste [MSW]), which Florida submitted to EPA in 2001, included four units at two facilities (see **Table 3** below). Both SMWC facilities previously regulated under Florida's 111(d) State Plan have shut down. There are no longer any existing units subject to the state plan requirements for existing SMWC units. Florida will request that EPA repeal Florida's 111(d) state plan for air emissions from SMWC units in a future submittal.

Rule 62-204.800(9)(f), F.A.C. – Air Emissions from Commercial and Industrial Solid Waste Incineration Units (§ 62.2380)

Florida's 111(d) state plan regulating air emissions from commercial and industrial solid waste incineration (CISWI) units, which Florida submitted to EPA in 2001, included two units at two facilities (see **Table 4** below). Each of these facilities has shut down. There are no longer any existing units subject to the current state plan requirements for CISWI units. Florida will request that EPA repeal Florida's 111(d) state plan for air emissions from commercial and industrial solid waste incineration units in a future submittal.

Rule 62-204.800(9)(g), F.A.C. – Air Emissions from Hospital/Medical/Infectious Waste Incinerators (§ 62.2370)

Florida's 111(d) state plan regulating air emissions from hospital/medical/infectious waste incinerators (HMIWI), which Florida submitted to EPA in 2010, included 10 units at 10 facilities (see **Table 5** below). Nine of these units have shutdown, and the remaining unit is now subject to the New Source Performance Standards in 40 CFR 60, Subpart Ec (Standards of Performance for Hospital/Medical/Infectious Waste Incinerators), which Florida has adopted and incorporated by reference in Rule 62-204.800(8)(b)8., F.A.C. There are no longer any existing HMIWI units subject to the state plan in Florida. Florida will request that EPA repeal Florida's 111(d) state plan for air emissions from hospital/medical/infectious waste incinerators in a future submittal.

Rule 62-204.800(9)(c), F.A.C. – Landfill Gas Emissions from Existing Municipal Solid Waste Landfills (§ 62.2360)

Florida's state plan implementing 40 CFR Part 60 Subpart Cc (Rule 62-204.800(9)(c), F.A.C.) has been superseded by EPA's approval of Florida's 111(d) state plan implementing Subpart Cf, which was effective on September 15, 2022 (87 FR 50269).

Table 2. List of 111(d) Sulfuric Acid Plants

AIRS ID	40 CFR 62.2351 Company Name	Owner/Company Name	Facility Name	Facility County	Facility Status	EU ID	EU DESCRIPTION	EU STATUS	Notes
0470002	Occidental Petroleum Company	WHITE SPRINGS AGRICULTURAL CHEMICALS,INC	WHITE SPRS AG CHEM-SR/SC CMLPX	HAMILTON	A	7	A SULFURIC ACID PLT SINGLE CONTACT ABSRPTN YORK DEM	I	Shutdown 7/8/1999
0470002	Occidental Petroleum Company	WHITE SPRINGS AGRICULTURAL CHEMICALS,INC	WHITE SPRS AG CHEM-SR/SC CMLPX	HAMILTON	A	12	SHUTDOWN B SULFURIC ACID PLANT CONTACT SINGLE ABSRPTN YORK	I	Shutdown 12/31/1986
0470002	Occidental Petroleum Company	WHITE SPRINGS AGRICULTURAL CHEMICALS,INC	WHITE SPRS AG CHEM-SR/SC CMLPX	HAMILTON	A	66	E SULFURIC ACID PLANT	A	Subject to 40 CFR 60 Subpart H
0470002	Occidental Petroleum Company	WHITE SPRINGS AGRICULTURAL CHEMICALS,INC	WHITE SPRS AG CHEM-SR/SC CMLPX	HAMILTON	A	67	F SULFURIC ACID PLANT	A	Subject to 40 CFR 60 Subpart H
0470005	Occidental Petroleum Company	WHITE SPRINGS AGRICULTURAL CHEMICALS,INC	WHITE SPRS AG-SFT CK (COMBINE W/0470002)	HAMILTON	I	3	E SULFURIC ACID PLANT (Same EU as 0470002 EU 66)	I	merged with 0470002
0470005	Occidental Petroleum Company	WHITE SPRINGS AGRICULTURAL CHEMICALS,INC	WHITE SPRS AG-SFT CK (COMBINE W/0470002)	HAMILTON	I	4	F SULFURIC ACID PLANT (Same EU as 0470002 EU 67)	I	merged with 0470002
0570005	Conserv Chemical	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER -PLANT CITY FACILITY	HILLSBOROUGH	I	2	A-Sulfuric Acid Plant- (Single Absorption/Ammonia Scrubbing)	I	Shutdown 11/21/2019
0570005	Conserv Chemical	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER -PLANT CITY FACILITY	HILLSBOROUGH	I	3	'B' Sulfuric Acid Plant (Single Absorption/Ammonia Scrubber)	I	Shutdown 11/21/2019
0570008	Gardinier, Inc.	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER-RIVERVIEW FACILITY	HILLSBOROUGH	A	4	NO. 7 SULFURIC ACID PLANT	A	Subject to 40 CFR 60 Subpart H
0570008	Gardinier, Inc.	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER-RIVERVIEW FACILITY	HILLSBOROUGH	A	5	NO. 8 SULFURIC ACID PLANT	A	Subject to 40 CFR 60 Subpart H
0810002	AMAX Phosphate Inc.	PINEY POINT PHOSPHATES, INC.	PINEY POINT PHOSPHATES, INC.	MANATEE	I	1	DOUBLE ABSORPTION SULFURIC ACID PLANT 2000 TONS/DAY CAPACITY	I	Shutdown 10/1/1999
1050012	ESTECH	ESTECH	ESTECH	POLK	I			I	Shutdown 1/1/1993
1050046	W. R. Grace Company	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER, LLC - BARTOW FACILITY	POLK	A	8	SULFURIC ACID PLT NO 3 W AMMONIA SCRUBBER	I	Shutdown 12/31/1989
1050046	W. R. Grace Company	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER, LLC - BARTOW FACILITY	POLK	A	54	DC/DA SULFURIC ACID PLANT - MONSANTO DESIGN (Same EU as 1050048 EU 2)	I	Shutdown 4/26/2010
1050048	Royster Fertilizer	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER - MULBERRY FACILITY	POLK	I	2	DC/DA SULFURIC ACID PLANT - MONSANTO DESIGN	I	Facility merged with 1050046
1050050	USS Agrichemicals	U S AGRI-CHEMICALS CORP.	U S AGRI-CHEMICALS - BARTOW	POLK	I	3	DISMANTLED - SULFURIC ACID PLANT W LIMESTONE SLURRY 800 TPD	I	Shutdown 11/30/2005
1050051	Agrico Chemical Company	U.S. AGRI-CHEMICALS CORPORATION	U.S. AGRI-CHEMICALS - FT. MEADE	POLK	I	16	SULFURIC ACID PLANT #1	I	Shutdown 11/30/2005
1050051	Agrico Chemical Company	U.S. AGRI-CHEMICALS CORPORATION	U.S. AGRI-CHEMICALS - FT. MEADE	POLK	I	17	SULFURIC ACID PLANT #2	I	Shutdown 12/30/2005
1050052	Central Farmers Co-Op	CF INDUSTRIES, INC.	CF INDUSTRIES - BARTOW PHOSPHATE COMPLEX	POLK	I	3	SULFURIC ACID PLT NO.3 - PERMANENTLY SHUTDOWN -	I	Shutdown 2/15/1990
1050052	Central Farmers Co-Op	CF INDUSTRIES, INC.	CF INDUSTRIES - BARTOW PHOSPHATE COMPLEX	POLK	I	4	SULFURIC ACID PLT NO.4 - PERMANENTLY SHUTDOWN -	I	Shutdown 2/15/1990
1050052	Central Farmers Co-Op	CF INDUSTRIES, INC.	CF INDUSTRIES - BARTOW PHOSPHATE COMPLEX	POLK	I	5	SULFURIC ACID PLANT NO.5	I	Shutdown 6/30/1989
1050052	Central Farmers Co-Op	CF INDUSTRIES, INC.	CF INDUSTRIES - BARTOW PHOSPHATE COMPLEX	POLK	I	6	SULFURIC ACID PLANT NO.6	I	Shutdown 6/9/2006
1050053	Farmland Industry	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER - GREEN BAY FACILITY	POLK	I	1	SHUT DOWN - SULFURIC ACID PLANT #1	I	Shutdown 12/15/1990
1050053	Farmland Industry	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER - GREEN BAY FACILITY	POLK	I	2	SHUT DOWN - SULFURIC ACID PLANT NO. 2	I	Shutdown 3/29/1985
1050053	Farmland Industry	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER - GREEN BAY FACILITY	POLK	I	3	SULFURIC ACID PLANT #3 DOUBLE CONTACT/ABSORPTION	I	Shutdown 6/3/1999
1050053	Farmland Industry	MOSAIC FERTILIZER, LLC	MOSAIC FERTILIZER - GREEN BAY FACILITY	POLK	I	4	SULFURIC ACID PLANT #4 DOUBLE CONTACT/ABSORPTION	I	Shutdown 11/30/2009

Table 3. List of 111(d) Small Municipal Waste Combustion Units

AIRS ID	111(d) Facility Name	Owner/Company Name	Facility Name	Facility County	Facility Status	EU ID	EU DESCRIPTION	EU STATUS	Notes
0050031	Bay County Resource Recovery Facility	BAY COUNTY SOLID WASTE	BAY COUNTY WASTE-TO-ENERGY FACILITY	BAY	I	1	MSW Combustion Unit #1 (North)	I	Shutdown 1/10/2021
0050031	Bay County Resource Recovery Facility	BAY COUNTY SOLID WASTE	BAY COUNTY WASTE-TO-ENERGY FACILITY	BAY	I	2	MSW combustion Unit #2 (South)	I	Shutdown 1/10/2021
0870047	Southernmost Waste-to-Energy Facility	CITY OF KEY WEST	SOUTHERNMOST WASTE TO ENERGY FACILITY	MONROE	I	1	Municipal Solid Waste Combustor, Unit 1	I	Shutdown 4/6/2004
0870047	Southernmost Waste-to-Energy Facility	CITY OF KEY WEST	SOUTHERNMOST WASTE TO ENERGY FACILITY	MONROE	I	2	Municipal Solid Waste Combustor, Unit 2	I	Shutdown 4/6/2004

Table 4. List of 111(d) Commercial and Industrial Solid Waste Incineration Units

AIRS ID	111(d) Facility Name	Owner/Company Name	Facility Name	Facility County	Facility Status	EU ID	EU DESCRIPTION	EU STATUS	Notes
0570236	Westshore Glass Corp. (2001)	WESTSHORE GLASS CORP	WESTSHORE GLASS CORP	Hillsborough	I	1	MULTI-CHAMBER INCINERATOR WITH AFTERBURNER	I	Shutdown 12/9/2003
1090013	VAW of America, Inc. (2001)	VAW OF AMERICA, INC.	VAW OF AMERICA, INC.	ST. JOHNS	I	6	INCINERATOR BURN TYPE 1 WSTE RUBBISH 6500 BTU/LB AS FIRED	I	Shutdown 9/29/2001

Table 5. List of 111(d) Hospital/Medical/Infectious Waste Incinerators

AIRS ID	111(d) Facility Name	Owner/Company Name	Facility Name	Facility County	Facility Status	EU ID	EU DESCRIPTION	EU STATUS	Notes
0010041	Malcolm Randall VA Medical Center	N. FLA/SOUTH GA VETERANS HEALTH SYSTEM	GAINESVILLE	ALACHUA	I	6	HMIW INCINERATOR	I	Shutdown 2/21/2012
0110002	Memorial Regional Hospital	MEMORIAL REGIO HOSP/SO BROWARD HOSP DIST	MEMORIAL REGIO HOSP/SO BROWARD HOSP DIST	BROWARD	A	3	CLEAVER BROOKS 1900/95 INCINERATOR 1550 TYPES 0-IV	I	Shutdown 5/31/2012
0111019	Holy Cross Hospital	HOLY CROSS HOSPITAL	HOLY CROSS HOSPITAL	BROWARD	A	2	1300 LB/HR WASTE INCIN FUELED-NATURED GAS (NEW) MODEL 1300 A	I	Shutdown 3/1/2011
0250157	VA Medical Center	DEPARTMENT OF VETERANS AFFAIRS	VA MEDICAL CENTER	MIAMI-DADE	I	2	CLEAVER BROOKS MODEL SH850E NAT. GAS FIRED 1000LBH INCINERAT	I	Shutdown 1/1/2012
0570089	St. Joseph's Hospital	ST. JOSEPH'S HOSPITAL	ST. JOSEPH'S HOSPITAL	HILLSBOROUGH	A	2	WASTE INCINERATOR	I	Shutdown 3/30/2012
0950169	Stericycle, Inc.	STERICYCLE INC	STERICYCLE/APOPKA FACILITY	ORANGE	A	1	BIOLOGICAL INCINERATOR (MEDICAL)	A	Subject to 40 CFR 60 Subpart Ec
0990095	Bethesda Memorial Hospital	BETHESDA MEMORIAL HOSPITAL	BETHESDA MEMORIAL HOSPITAL	PALM BEACH	I	4	MEDICAL WASTE INCINERATION SYSTEM- w/HRSG	I	Shutdown 1/22/2020
0990119	Boca Raton Community Hospital	BOCA RATON REGIONAL HOSPITAL	BOCA RATON REGIONAL HOSPITAL	PALM BEACH	I	2	BIOLOGICAL INCINERATOR; SIMONDS #AF-3C (730 LB/HR)	I	Shutdown 2/28/2011
1030095	Curtis Bay Energy Southeast	BAYFRONT MEDICAL CENTER	BAYFRONT MEDICAL CENTER SPECIAL SERVICES	PINELLAS	I	2	MEDICAL WASTE INCINERATOR. 1500 POUNDS PER HOUR.	I	Shutdown 2/4/2012
1050095	Lakeland Regional Medical Center	LAKELAND REGIONAL MEDICAL CENTER	LAKELAND REGIONAL MEDICAL CENTER	POLK	A	2	Hospital/medical/infectious waste incinerator	I	Shutdown 3/1/2011