

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**PROPOSED REVISION TO
STATE IMPLEMENTATION PLAN**



Submittal Number 2024-01

**SUPPLEMENT TO
FLORIDA REGIONAL HAZE PLAN**

Pre-Hearing Submittal

January 19, 2024

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PROPOSED REVISION TO STATE IMPLEMENTATION PLAN

Pre-Hearing Submittal Number 2024-01 Supplement to Florida Regional Haze Plan

Executive Summary

Introduction

The Department of Environmental Protection (Department) is proposing a revision to Florida's State Implementation Plan (SIP) under the federal Clean Air Act (CAA). Pursuant to the requirements of sections 169A and 169B of the CAA, and the U.S. Environmental Protection Agency (EPA) implementing regulations at 40 CFR 51.308, the Department has developed this supplement to Florida's Regional Haze Plan for approval by EPA as a revision to Florida's SIP. The proposed SIP revision represents commitments and enforceable actions taken by the state addressing the requirements of these regulations during the second implementation period from 2019 to 2028, towards the goal of attaining natural visibility conditions in Florida's designated federal Class I areas.

SIP Submittal Package

Florida's Regional Haze SIP included permits, technical analyses, and commitments addressing the requirements of the federal regulations. On October 8, 2021, Florida submitted to EPA its most recent proposed Regional Haze SIP revision. This supplement to Florida's 2021 Regional Haze SIP package includes the following additional information:

- Four-factor analyses for two facilities: WestRock Panama City Mill and Georgia-Pacific Foley Mill;
- Air construction permits for WestRock Panama City Mill and Georgia-Pacific Foley Mill based on the results of the four-factor analyses;
- An updated four-factor analysis for WestRock Fernandina Beach Mill to include analysis of the use of 100% natural gas in the No. 7 Power Boiler;

- An updated air construction permit for WestRock Fernandina Beach to add monitoring and recordkeeping requirements;
- 0.2 lb SO₂/MMBtu (MATS) limit for JEA Northside Units 1 and 2 to supplement and strengthen the proposed SO₂ limits in the original SIP submission;
- Additional monitoring, reporting and recordkeeping requirements for JEA Unit 3 and the WestRock Fernandina Beach No. 7 power boiler.
- ***For Informational Purposes Only:*** Monitoring, recordkeeping and reporting requirements added to the SIP for SAPs E and F at the Nutrien facility (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702); Permit No. 0470002-132-AC is included in Appendix A-6 for informational purposes only.
- ***For Information Purposes Only:*** Air construction permit for Mosaic South Pierce (SAPs 10 and 11) codifying an SO₂ limits consistent with an effective controls demonstration (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702). Permit No. 1050055-037-AC is included in Appendix A-7 for informational purposes only.
- ***For Information Purposes Only:*** As noted in Section 7.8.2 of the 2021 Regional Haze Plan, process changes made in 2016-2017 to emission units at WestRock Fernandina Beach for demonstrating compliance with the 2010 1-Hour Primary SO₂ NAAQS resulted in decreased emissions. These process changes were the basis for emissions limits included in Florida’s SO₂ Nonattainment Area Plan for Nassau County, which EPA approved on September 30, 2016 (81 FR 67179). For example, SO₂ emissions for the No. 5 Power Boiler dropped from 550 pounds per hour (lb/hr) to 15 lb/hr after process changes detailed in Florida’s SO₂ Nassau County Nonattainment Area Plan.

WestRock Fernandina Beach did, however, prepare four-factor analyses for each of these units. Florida included these four-factor analyses in its 2021 Regional Haze Plan submittal. For the No. 5 Power Boiler, the Department determined that installing a wet scrubber or DSI system would not be cost-effective and, therefore, determined that these controls are not necessary for reasonable progress. Likewise, for the Nos. 4 and 5

Recovery Boilers, the Department determined that a FGD system would not be cost-effective and, therefore, determined that these controls are not necessary for reasonable progress. The Department has, however, determined that the existing control measures applicable to the No. 5 Power Boiler and the Nos. 4 and 5 Recovery Boilers, which Florida included in its SO₂ Nonattainment Area Plan for Nassau County, which EPA approved into Florida's SIP on September 30, 2016 (81 FR 67179) **are necessary** for reasonable progress, and that those emissions limits and associated supporting conditions previously adopted into Florida's SIP should also be included in Florida's Regional Haze Plan. For informational purposes, Florida has attached in Appendix A-8 to this SIP submittal Air Construction Permit No. 0890003-072-AC, which the Department issued to Westrock Fernandina Beach on June 24, 2021.

The two appendices included in the submittal are listed below. These appendices are also available on the Department's [Regional Haze webpage](#).¹

- Appendix A: Facility Permits and Documentation
- Appendix B: Four Factor Analyses

All documents are submitted for adoption into the nonregulatory portion of the SIP in 40 CFR 52.520, Table (e).

Through this SIP revision, the Department is proposing to incorporate into the regulatory portion of Florida's SIP at 40 CFR 52.520, Table (d), certain source-specific SO₂ emission limits and permit conditions resulting from the reasonable progress analyses, together with specified monitoring, recordkeeping, and reporting requirements. Details of the specific permit conditions proposed to be incorporated into the regulatory portion of the SIP can be found in the **“Materials to be Incorporated into the SIP”** section of this submittal.

The results of the four-factor analyses found in Appendix B are summarized in the document *“Supplement to Florida Regional Haze Plan for Second Implementation Period for Florida Class I Areas,”* which Florida is submitting to EPA concurrently with this SIP submittal.

¹ URL: <https://floridadep.gov/air/air/content/epa%E2%80%99s-regional-haze-program>.

SIP Development Process

Section 403.061(35), Florida Statutes, authorizes the Department to “exercise the duties, powers, and responsibilities required of the state under the federal Clean Air Act.” These duties and responsibilities include the development and periodic updating of Florida’s SIP. Pursuant to this authority, the Department has developed this proposed SIP revision.

Pursuant to state administrative procedures and 40 CFR 51.102, the Department will publish notice in the Florida Administrative Register (FAR) announcing the opportunity for the public to provide comments, request a public hearing, or participate in a public hearing regarding this proposed revision to Florida’s SIP.

In accordance with the 30-day notice requirement of 40 CFR 51.102, the Department will transmit to EPA the pre-hearing submittal regarding this proposed SIP revision. The Department will also post the pre-hearing submittal on the website for the Department’s Division of Air Resource Management. Concurrently, the Department will transmit notice of the opportunity to submit comments, request a public hearing, and participate in the public hearing, if requested, to the Department’s District offices, Florida’s local air pollution control programs, the VISTAS states, and Federal Land Managers.

Response to 40 CFR Part 51, Appendix V, Criteria

Pursuant to 40 CFR Part 51, Appendix V, the following materials shall be included in State Implementation Plan (SIP) submissions for review and approval by the U.S. Environmental Protection Agency (EPA).

Administrative Materials

- a. **A formal letter of submittal from the Governor or his designee, requesting EPA approval of the plan or revision thereof (hereafter “the plan”).**

A Pre-Hearing Submittal Letter signed by the Director of the Division of Air Resource Management, Florida Department of Environmental Protection (Department), on behalf of the Governor of the State of Florida, will be attached to the Pre-Hearing SIP submittal.

- b. **Evidence that the State has adopted the plan in the State code or body of regulations; or issued the permit, order, consent agreement (hereafter “document”) in final form. That evidence shall include the date of adoption or final issuance as well as the effective date of the plan, if different from the adoption/issuance date.**

Appendix A contains the seven air construction permits issued to six facilities addressing regional haze requirements (summarized in the table below). The specific conditions to be incorporated into the SIP are in the **Materials to be Incorporated into the SIP** section. Conditions from three of these permits have already been incorporated into Florida’s SIP (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702) and are being submitted for informational purposes only and are in the **Material Submitted for Informational Purposes Only** section.

Facility	Permit No.	Date Issued	Appendix
Georgia-Pacific Foley Mill	1230001-121-AC	10/20/2023	Appendix A-1
WestRock Fernandina Beach Mill	0890003-074-AC	12/16/2021	Appendix A-2
WestRock Panama City Mill	0050009-047-AC	06/7/2023	Appendix A-3
JEA Northside Units 1 and 2	0310045-059-AC	02/16/2023	Appendix A-4
JEA Northside	0310045-062-AC	08/24/2023	Appendix A-5

Unit 3			
Nutrien White Springs (<i>For Informational Purposes Only</i>)	0470002-132-AC	09/22/2022	Appendix A-6
Mosaic South Pierce (<i>For Informational Purposes Only</i>)	1050055-037-AC	09/22/2022	Appendix A-7
WestRock Fernandina Beach Mill (<i>For Informational Purposes Only</i>)	0890003-072-AC	06/24/2021	Appendix A-8

c. Evidence that the State has the necessary legal authority under State law to adopt and implement the plan.

The Department has the necessary legal authority to adopt and implement this proposed revision to Florida’s SIP. References to the pertinent Florida Statutes and Florida Administrative Code (F.A.C.) rules may be found in the “Legal Authority” section of this submittal.

d. A copy of the actual regulation, or document submitted for approval and incorporation by reference into the plan, including indication of the changes made (such as, redline/strikethrough) to the existing approved plan, where applicable. The submittal shall include a copy of the official State regulation/document signed, stamped and dated by the appropriate State official indicating that it is fully enforceable by the State. The effective date of any regulation/document contained in the submission shall, whenever possible, be indicated in the regulation/document itself. *If the State submits an electronic copy, it must be an exact duplicate of the hard copy with changes indicated, signed documents need to be in portable document format, rules need to be in text format and files need to be submitted in manageable amounts (e.g., a file for each section or chapter, depending on size, and separate files for each distinct document) unless otherwise agreed to by the State and Regional Office.*

See the facility-specific air construction permits listed in the table above and contained in Appendices A-1 through A-5, which establish the SO₂ emissions limits and measures

proposed for incorporation into Florida’s SIP. Appendices A-6, A-7 and A-8 are submitted for informational purposes only.

e. Evidence that the State followed all of the procedural requirements of the State’s laws and constitution in conducting and completing the adoption/issuance of the plan.

State law (Section 120.525, F.S.) requires the Department to give notice of public meetings, hearings, and workshops by publication in the Florida Administrative Register (FAR) not less than seven days before the event. Through publication in the FAR of the notice of opportunity to participate in a public hearing, if requested, at least 30 days before the event, the Department will comply with all state procedural requirements relevant to the development of this proposed SIP revision. A copy of the notice of proposed SIP revision will be provided in the “Public Participation” section of this submittal.

f. Evidence that public notice was given of the proposed change consistent with procedures approved by EPA, including the date of publication of such notice.

The Department has complied with all public notice requirements of 40 CFR 51.102. Copies of all relevant notices and notification emails will be provided in the “Public Participation” section of the Pre-Hearing submittal.

g. Certification that public hearing(s) were held in accordance with the information provided in the public notice and the State’s laws and constitution, if applicable and consistent with the public hearing requirements in 40 CFR 51.102.

Certification of compliance with all state and federal public notice and hearing requirements will be provided in the “Letter of Submittal” that will accompany Florida’s final SIP revision submittal.

h. Compilation of public comments and the State’s response thereto.

Written comments received during the Federal Land Manager (FLM) consultation period will be included in the Pre-Hearing SIP. Written comments received during the public notice period, and the Department’s response thereto, will be included in the “Public Participation” section of the final SIP revision submittal.

Technical Support

a. Identification of all regulated pollutants affected by the plan.

This SIP revision addresses only the air pollutant sulfur dioxide (SO₂).

b. Identification of the locations of affected sources including the EPA attainment/nonattainment designation of the locations and the status of the attainment plan for the affected areas(s).

This Regional Haze Plan applies statewide.

c. Quantification of the changes in plan allowable emissions from the affected sources; estimates of changes in current actual emissions from affected sources or, where appropriate, quantification of changes in actual emissions from affected sources through calculations of the differences between certain baseline levels and allowable emissions anticipated as a result of the revision.

These items are addressed in “Materials to be Incorporated into the SIP” section of this submittal.

d. The State’s demonstration that the national ambient air quality standards, prevention of significant deterioration increments, reasonable further progress demonstration, and visibility, as applicable, are protected if the plan is approved and implemented. For all requests to redesignate an area to attainment for a national primary ambient air quality standard, under section 107 of the Act, a revision must be submitted to provide for the maintenance of the national primary ambient air quality standards for at least 10 years as required by section 175A of the Act.

Please see the reasonable further progress demonstrations contained in this revision.

e. Modeling information required to support the proposed revision, including input data, output data, models used, justification of model selections, ambient monitoring data used, meteorological data used, justification for use of offsite data (where used), modes of models used, assumptions, and other information relevant to the determination of adequacy of the modeling analysis.

These items are addressed in the document “*Supplement to Florida Regional Haze Plan for Second Implementation Period for Florida Class I Areas,*” which Florida is submitting to EPA concurrently with this SIP submittal.

f. Evidence, where necessary, that emission limitations are based on continuous emission reduction technology.

These items are addressed in the “Materials to be Incorporated into the SIP” section of this submittal.

g. Evidence that the plan contains emission limitations, work practice standards and recordkeeping/reporting requirements, where necessary, to ensure emission levels.

These items are addressed in the “Materials to be Incorporated into the SIP” section of this submittal.

h. Compliance/enforcement strategies, including how compliance will be determined in practice.

These items are addressed in the “Materials to be Incorporated into the SIP” section of this submittal.

i. Special economic and technological justifications required by any applicable EPA policies, or an explanation of why such justifications are not necessary.

Not Applicable.

Exceptions

Not applicable.

Materials to be Incorporated into the SIP

The materials proposed to be incorporated into Florida's SIP includes Appendix A-1 through A-5. Note that Florida has included Appendices A-6, A-7 and A-8 in this SIP submittal for informational purposes only, as the permit conditions reflected in those Appendices have already been incorporated into Florida's SIP (codified into the SIP through Florida's Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702).

As discussed in the **SIP Submittal Package** section, all documents, except for Appendix A, are submitted for adoption into the nonregulatory portion of the SIP in 40 CFR 52.520, table (e).

Appendix A to Florida's Regional Haze Plan Amendment includes, for reference, seven air construction permits issued to six Florida facilities to meet reasonable progress requirements of the Regional Haze Rule, by either incorporating SO₂ limits representing effective controls or incorporating SO₂ limits or measures resulting from a full four-factor analysis.

The Department is proposing that specific limits and conditions from the air construction permits listed below be incorporated into the regulatory portion of Florida's SIP in table (d).

Appendix A-1 – Georgia-Pacific Foley Mill (Permit No. 1230001-121-AC)

The Department has determined that the existing measures at the No. 1 Power Boiler, Bark Boilers Nos. 1 and 2, and Recovery Furnaces Nos. 2, 3, and 4 *are necessary* for reasonable progress and emissions limits and associated supporting conditions are required to be adopted into the SIP. The Department proposes that the following permit conditions for the Georgia-Pacific Foley Mill, from Permit No. 1230001-121-AC issued to Georgia-Pacific Foley Mill on October 20, 2023, be incorporated into Florida's SIP.

- Section 3, Subsection A, Specific Conditions 8, 9, 11, 12, 13 and 14
- Section 3, Subsection A, Specific Conditions 15, 16, 18, 20, 21, 22, 23, 24 and 25
- Section 3, Subsection B, Specific Conditions 2, 3, 4, 5, 6, 7, 8 and 9

Affected Units:

- EU002 No. 1 Power Boiler
- EU003 No. 2 Power Boiler
- EU004 No. 1 Bark Boiler
- EU006 No. 2 Recovery Furnace

- EU007 No. 3 Recovery Furnace
- EU011 No. 4 Recovery Furnace
- EU019 No. 2 Bark Boiler

EU 002 No. 1 Power Boiler

Authorized Fuels: Section 3, Subsection A, Specific Condition 8 (effective upon issuance 10/20/2023) states:

Authorized Fuels: The No. 1 Power Boiler shall fire only natural gas except for periods of natural gas curtailment, pipeline disruptions, or physical mill problems that otherwise prevent the firing of natural gas in this unit. When necessary, liquid fuels may be fired during these exceptional periods. Tall oil is no longer an authorized fuel. Within one working day, the permittee shall notify the Compliance Authority of the inability to fire natural gas, the switch to liquid fuels, and the underlying cause that prevents gas firing. To determine compliance with this requirement, the permittee shall use the existing liquid fuel flow meters to monitor and record fuel usage. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Maximum Sulfur Content: Section 3, Subsection A, Specific Condition 9 (effective upon issuance 10/20/2023) states:

For future additions of No. 6 fuel oil to the common tank, the maximum sulfur content shall be 1.02% by weight with compliance determined by maintaining records of fuel deliveries, analytical methods, and results of analysis. This specification is effective upon issuance of the final permit. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Sulfur Methods: Section 3, Subsection A, Specific Condition 11 (effective upon issuance 10/20/2023) states:

The permittee shall determine sulfur content of each fuel based on the following sampling and analytical methods.

Method	Description of Method and Comments
ASTM D2622	Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry
ASTM D4294	Method for Sulfur Content
ASTM D1298	Method for Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products
ASTM D4057	Manual Sampling of Petroleum and Petroleum Products
ASTM D129, D1552	Method for Sulfur in Petroleum Products
ASTM D-240	Method for Heat of Combustion of Liquid Hydrocarbon Fuels
SW-846, Method 9038	Evaluating Solid Waste, Physical/Chemical

Other more recent or equivalent ASTM (American Society for Testing and Materials) methods or department-approved methods are also acceptable. No other methods may be used unless prior written approval is received from the Department. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Oil Analysis: Section 3, Subsection A, Specific Condition 12 (effective upon issuance 10/20/2023) states:

At least once per month, a representative sample shall be taken from the common tank and analyzed to determine the fuel sulfur content. The sample shall be analyzed for the sulfur content using the methods specified in this permit. A certified vendor analysis of the sulfur content may be used to satisfy this requirement. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Deliveries: Section 3, Subsection A, Specific Condition 13 (effective upon issuance 10/20/2023) states:

For each delivery of liquid fuel, the permittee shall record the amount of fuel delivered in gallons and the sulfur content of the fuel in percent sulfur by weight. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Firing Records: Section 3, Subsection A, Specific Condition 14 (effective upon issuance 10/20/2023) states:

The permittee shall maintain a written or electronic log of the monthly usage of each fuel. The permittee shall document all periods of natural gas curtailment, pipeline disruptions, or physical mill problems that otherwise prevent the firing of natural gas in this unit. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

**EU004 No. 1 Bark Boiler; and
EU019 No. 2 Bark Boiler**

Authorized Fuels: Section 3, Subsection A, Specific Condition 15 (effective 10/20/2023) states:

Nos. 1 and 2 Bark Boilers shall fire only wood materials and natural gas, except for periods of natural gas curtailment, gas pipeline disruptions, system readiness testing, or physical mill problems that otherwise prevent the firing of natural gas in this unit. When necessary, liquid fuels from the common tank may be fired during these exceptional periods. Tall oil is no longer an authorized fuel. Within one working day, the permittee shall notify the Compliance Authority of the inability to fire natural gas, the switch to liquid fuels, and the underlying cause that prevents gas firing. To determine compliance with this requirement, the permittee shall use the existing fuel flow meters to monitor and record fuel usage. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Maximum Sulfur Content: Section 3, Subsection A, Specific Condition 16 (effective 10/20/2023) states:

For future additions of No. 6 fuel oil to the common tank, the maximum sulfur content shall be 1.02% by weight with compliance determined by maintaining records of fuel deliveries, analytical methods, and results of analysis. This specification is effective upon issuance of the final permit. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Wet Venturi Scrubber. Section 3, Subsection A, Specific Condition 18 (effective 10/20/2023) states:

At all times that LVHC-NCG or oil is fired in the No. 1 Bark Boiler, the Wet Venturi Scrubber shall be operational for minimalization of SO₂ emissions. The Wet Venturi Scrubber shall meet the following parametric limits while oil or LVHC NCG are being fired: maintain a pH of at least 8.0 (3-hour block average) and maintain a scrubber flow rate of at least 1,000 gallons per minute (gpm) (3-hour block average). [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Sulfur Methods: Section 3, Subsection A, Specific Condition 20 (effective upon issuance 10/20/2023) states:

The permittee shall determine sulfur content of each fuel based on the following sampling and analytical methods.

Method	Description of Method and Comments
ASTM D2622	Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry
ASTM D4294	Method for Sulfur Content
ASTM D1298	Method for Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products
ASTM D4057	Manual Sampling of Petroleum and Petroleum Products
ASTM D129, D1552	Method for Sulfur in Petroleum Products
ASTM D-240	Method for Heat of Combustion of Liquid Hydrocarbon Fuels
SW-846, Method 9038	Evaluating Solid Waste, Physical/Chemical

Other more recent or equivalent ASTM (American Society for Testing and Materials) methods or department-approved methods are also acceptable. No other methods may be used unless prior written approval is received from the Department. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Oil Analysis: Section 3, Subsection A, Specific Condition 21 (effective 10/20/2023) states:

At least once per month, a representative sample shall be taken from the common tank and analyzed to determine the fuel sulfur content. The sample shall be analyzed for the sulfur content using the methods specified in this permit. A certified vendor analysis of the sulfur content may be used to satisfy these requirements. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Wet Scrubber Parameter Monitoring: Section 3, Subsection A, Specific Condition 22 (effective 10/20/2023) states:

At all times that LVHC-NCG or oil is fired, the permittee shall monitor the scrubber water pH in standard pH units using a pH probe and the water flow rate in gpm using a water flow rate sensor. Each monitoring device shall be located on the scrubber water supply line. Each monitoring device shall be calibrated at least once per year in accordance with the manufacturer's recommendations. Readings for each parameter recorded at least once every 15 minutes. Block hourly averages shall be calculated from the 15-minute readings recorded. Three-hour block averages shall be calculated from the hourly block averages. The permittee shall document any period exceeding one hour when the parameter monitors are not available, and any corrective actions taken. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Deliveries: Section 3, Subsection A, Specific Condition 23 (effective 10/20/2023) states:

For each delivery of liquid fuel, the permittee shall record the amount of fuel delivered in gallons and the sulfur content of the fuel in percent sulfur by weight. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Firing Records: Section 3, Subsection A, Specific Condition 24 (effective 10/20/2023) states:

The permittee shall maintain a written or electronic log of the monthly usage of each fuel. The permittee shall document all periods of natural gas curtailment, pipeline disruptions,

system readiness testing, or physical mill problems that otherwise prevent the firing of natural gas in this unit. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Wet Scrubber Parameter Recordkeeping: Section 3, Subsection A, Specific Condition 25 (effective 10/20/2023) states:

The permittee shall record the 15-minute readings, the one-hour block average, and the three-hour block average in a written or electronic log of the scrubber water pH in standard pH units using a pH probe and the water flow rate in gpm using a water flow rate sensor. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

EU 006 No. 2 Recovery Furnace; and

EU 007 No. 3 Recovery Furnace; and

EU 011 No. 4 Recovery Furnace

Authorized Fuels: Section 3, Subsection B, Specific Condition 2 (effective 10/20/2023) states:

The recovery furnaces shall fire black liquor as the primary fuel for recovery operations. Natural gas and authorized liquid fuels may be fired to supplement recovery operations when necessary. Tall oil is no longer an authorized fuel. To determine compliance with this requirement, the permittee shall use the existing fuel flow meters to monitor and record fuel usage. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Maximum Fuel Sulfur Content: Section 3, Subsection B, Specific Condition 3 (effective 10/20/2023) states:

For future additions of No. 6 fuel oil to the common tank, the maximum sulfur content shall be 1.02% by weight with compliance determined by maintaining records of fuel deliveries, analytical methods, and results of analysis. This specification is effective upon issuance of the final permit. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

SO₂ Emissions Caps: Section 3, Subsection B, Specific Condition 4 (effective 10/20/2023)

states:

The combined SO₂ emissions from Recovery Furnaces Nos. 2, 3 and 4 shall not exceed the 3,200 tons per consecutive 12-operating months, rolled monthly. The first 12-operating month period begins January 1, 2024. An operating month is defined as a month where one, two or all three furnaces operate for a minimum of one cumulative hour.

[Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Sulfur Methods: Section 3, Subsection B, Specific Condition 5 (effective upon issuance 10/20/2023) states:

The permittee shall determine sulfur content of each fuel based on the following sampling and analytical methods.

Method	Description of Method and Comments
ASTM D2622	Method for Sulfur in Petroleum Products by Wavelength Dispersive X-ray Fluorescence Spectrometry
ASTM D4294	Method for Sulfur Content
ASTM D1298	Method for Density, Relative Density, or API Gravity of Crude Petroleum and Liquid Petroleum Products
ASTM D4057	Manual Sampling of Petroleum and Petroleum Products
ASTM D129, D1552	Method for Sulfur in Petroleum Products
ASTM D-240	Method for Heat of Combustion of Liquid Hydrocarbon Fuels
SW-846, Method 9038	Evaluating Solid Waste, Physical/Chemical

Other more recent or equivalent ASTM (American Society for Testing and Materials) methods or department-approved methods are also acceptable. No other methods may be used unless prior written approval is received from the Department. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Oil Analysis: Section 3, Subsection B, Specific Condition 6 (effective 10/20/2023) states:

At least once per month, a representative sample shall be taken from the common tank and analyzed to determine the fuel sulfur content. The sample shall be analyzed for the sulfur content using the methods specified in this permit. A certified vendor analysis of the sulfur content may be used to satisfy these requirements. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

SO₂ CEMS: Section 3, Subsection B, Specific Condition 7 (effective 10/20/2023) states:

An SO₂ CEMS shall be installed and operated to monitor and record SO₂ emissions from each recovery furnace. Each CEMS shall be calibrated and maintained to meet the quality assurance requirements of requirements specified in Appendix D of this permit including periodic Relative Accuracy Test Assessments (RATA). The monitoring data shall be used to demonstrate compliance with the SO₂ emissions caps specified in this permit and to report emissions for purposes of Title V fees. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Deliveries: Section 3, Subsection B, Specific Condition 8 (effective 10/20/2023) states:

For each delivery of liquid fuel, the permittee shall record the amount of fuel delivered in gallons and the sulfur content of the fuel in percent sulfur by weight. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Fuel Firing Records: Section 3, Subsection B, Specific Condition 9 (effective 10/20/2023) states:

The permittee shall maintain a written or electronic log of the monthly usage of each fuel. The permittee shall document all periods of natural gas curtailment, pipeline disruptions, or physical mill problems that otherwise prevent the firing of natural gas in this unit. [Rule 62-4.070, F.A.C.; Florida Regional Haze Plan; and Application No. 1230001-121-AC]

Appendix A-2 – WestRock Fernandina Beach Mill (Permit No. 0890003-074-AC)

The Department has determined that the existing measures at the No. 7 Power Boiler **are necessary** for reasonable progress and proposes that the following permit conditions from Permit No. 0890003-074-AC issued to WestRock Fernandina Beach Mill on December 16, 2021, to be incorporated into Florida’s SIP:

- Section 3, Subsection A, Condition 5

Affected Units:

- EU 015 – No. 7 Power Boiler

EU 015 – No. 7 Power Boiler

Coal Usage Records: Section 3, Subsection B, Specific Condition 5 for Emissions Unit 015 (No. 7 Power Boiler) (effective January 1, 2022) states:

Coal usage records be maintained as follows:

- Records.* For demonstrating compliance with the limitations on coal firing in Conditions **2 and 3**, the permittee shall record the daily and 30-day rolling average coal usage for the No. 7 Power Boiler in units of tons/day for each calendar day, excluding days when natural gas curtailment or supply interruption occurs as defined in Condition **B.3.c**. The 30-day rolling average shall be calculated as the arithmetic mean of the daily coal usage data for each proceeding 30 days during which there was not a natural gas curtailment or supply interruption. For purposes of the permit condition, the daily coal usage need not be recorded and the 30-day rolling average coal usage shall not be calculated for the days during which a natural gas curtailment or supply interruption occurred.
- Record Retention.* The permittee shall retain records in suitable format for inspection for a period of 5-years from the date they are collected and make available upon request to the Department.

[Rule 62-4.070(3), F.A.C.; Regional Haze SIP; and Application No. 0890003-074-AC]

Appendix A-3 – WestRock Panama City Mill (Permit No. 0050009-047-AC)

The Department has determined that the existing measures at the Nos. 1 and 2 Recovery Boilers and the Nos. 3 and 4 Combination Boilers *are necessary* for reasonable progress and emissions limits and associated supporting conditions are required to be adopted into the SIP. The Department proposes that the following permit conditions from Permit No. 0050009-047-AC, issued on June 7, 2023, to WestRock Panama City Mill be incorporated into Florida’s SIP:

- Section 3, Subsection A, Conditions 2 and 3
- Section 3, Subsection B, Condition 2
- Section 3, Subsection C, Conditions 2, 3 and 4

Affected Units:

- EU 001 – No. 1 Recovery Boiler
- EU 019 – No. 2 Recovery Boiler
- EU 015 – No. 3 Combination Boiler
- EU 016 – No. 4 Combination Boiler

**EU 001 – No. 1 Recovery Boiler; and
EU 019 – No. 2 Recovery Boiler**

Method of Operations – No. 6 Fuel Oil: Section 3, Subsection A, Specific Condition 2 (effective upon issuance June 7, 2023) states:

Upon issuance of this final permit, the permittee is authorized to continue firing No. 6 fuel oil in the Nos. 1 and 2 recovery boilers until the fuel storage on-site is exhausted. Once the fuel supply is exhausted, No. 6 fuel oil is no longer authorized to be fired in the recovery boilers.

[Regional Haze SIP; Application No. 0050009-047-AC and Rule 62-210.200(PTE), F.A.C.]

Fuel Oil Sulfur Records: Section 3, Subsection A, Specific Condition 3 (effective upon issuance June 7, 2023) states:

Records of each shipment of fuel oil shall be maintained and available for inspection by the Department [Rules 62-4.070 and 62-210.200 (PTE) F.A.C.; Regional Haze SIP; and Application No. 0050009-047-AC].

Note: Section 3, Subsection A, Specific Condition 3 applies to all fuel oil shipments notwithstanding which emission unit the fuel is fired.

EU 015 – No. 3 Combination Boiler

Method of Operations – Fuel Oil: Section 3, Subsection B, Specific Condition 2 (effective upon issuance June 7, 2023) states:

a. *No. 2 Fuel oil.* Maximum sulfur content of No. 2 fuel oil fired in the No. 3 combination boiler shall not exceed 0.75%, by weight. On-site blending of fuel oil to achieve the sulfur standard is prohibited.

b. *No. 6 Fuel Oil.* Upon issuance of this final permit, the permittee is authorized to continue firing No. 6 fuel oil in the No. 3 combination boiler until the fuel storage on-site is exhausted. Once the fuel supply is exhausted, No. 6 fuel oil is no longer authorized to be fired in the No. 3 combination boiler.

[Regional Haze SIP; Application No. 0050009-047-AC and Rule 62-210.200(PTE), F.A.C.]

EU 016 – No. 4 Combination Boiler

Method of Operation – Fuel Oil: Section 3, Subsection C, Specific Condition 2 (effective upon issuance June 7, 2023) states:

a. *No. 2 Fuel Oil.* Maximum sulfur content of No. 2 fuel oil fired in the No. 4 combination boiler shall not exceed 0.75% by weight. On-site blending of fuel oil to achieve the sulfur standard is prohibited.

b. *No. 6 Fuel Oil.* Upon issuance of this final permit, the permittee is authorized to continue firing No. 6 fuel oil in the No. 4 combination boiler until the fuel storage on-

site is exhausted. Once the fuel supply is exhausted, No. 6 fuel oil is no longer authorized to be fired in the No. 4 combination boiler.

[Regional Haze SIP; Application No. 0050009-047-AC and Rule 62-210.200(PTE), F.A.C.]

Method of Operation – Coal: Section 3, Subsection C, Specific Condition 3 (effective upon issuance June 7, 2023) states:

- a. *Sulfur Content*. Maximum sulfur content of coal fired in the No. 4 combination boiler shall not exceed 0.75% by weight.
- b. *Daily Coal Usage*. The amount of coal that can be fired daily (midnight to midnight) in the No. 4 combination boiler shall be limited to 150 tons per day (TPD).

[Regional Haze SIP; Application No. 0050009-047-AC and Rule 62-210.200(PTE), F.A.C.]

Coal Usage Records: Section 3, Subsection C, Specific Condition 4 (effective upon issuance June 7, 2023) states:

- a. *Records*. For demonstrating compliance with the limitations on coal firing in Condition 3, the permittee shall record the coal fired daily (midnight to midnight) in the No. 4 combination boiler along with the coal's fuel sulfur content.
- b. *Record Retention*. The permittee shall retain records required by Condition 4.a. in suitable format for inspection for a period of 5-years from the date they are collected and make available upon request to the Department.

[Rule 62-4.070(3), F.A.C.; Regional Haze SIP; and Application No. 0050009-047-AC]

Appendix A-4 – JEA Northside Units 1 and 2 (Permit No. 0310045-059-AC)

The Department has determined that the existing measures at the No. 5 Power Boiler and the No. 4 and 5 Recovery Boilers *are necessary* for reasonable progress and emissions limits and associated supporting conditions are required to be adopted into the SIP. The Department is proposing that the following permit conditions from Permit No. 0310045-059-AC, issued to JEA Northside Units 1 and 2 on February 16, 2023, be incorporated into Florida's SIP:

- Section 3, Subsection A, Specific Condition 2

Affected Units:

- EU 026 – Circulating Fluidized Bed Boiler No. 2
- EU 027 – Circulating Fluidized Bed Boiler No. 1

EU 026 – Circulating Fluidized Bed Boiler No. 2; and

EU 027 – Circulating Fluidized Bed Boiler No. 1

New MATS-Based SO₂ Emission Limit: Section 3, Subsection A, Specific Condition 2 (effective upon issuance February 16, 2023) states:

As determined by CEMS data, SO₂ emissions shall not exceed 0.20 lb/MMBtu based on a heat input-weighted 30-boiler operating day rolling average. Compliance shall be demonstrated as determined in 40 CFR 63.10021(a) and (b) of the MATS rule. [40 CFR 63.10021(a) & (b)]

{Permitting Note: The above new SO₂ emission limit becomes effective upon issuance of a final permit.}

[Permit No. 0310045-059-AC and Rule 62-210.200(PTE), F.A.C.]

Appendix A-5 – JEA Northside Unit 3 (Permit No. 0310045-062-AC)

The Department has determined that the existing measures at the No. 3 Boiler *are necessary* for reasonable progress and emissions limits and associated supporting conditions are required to be adopted into the SIP. The Department is proposing that the following permit condition from Permit No. 0310045-062-AC, issued on August 24, 2023, to JEA Northside Unit 3, be incorporated into Florida’s SIP:

- Section 3, Subsection A, Specific Condition 2
- EU 003 – Boiler No. 3

Fuel Oil Sulfur Records: Section 3, Subsection A, Specific Condition 7 (effective upon issuance June 17, 2021) states:

Records of each shipment of fuel oil shall be maintained and available for inspection by the department. [Rules 62-4.070 and 62.210.200(PTE), F.A.C; and Regional Haze SIP]

Material Submitted for Informational Purposes Only

Appendix A-6 – Nutrien White Springs (Permit No. 0470002-132-AC)

The Department is including the following permit conditions from Permit No. 0470002-132-AC, issued on September 22, 2022, to Nutrien White Springs, for informational purposes only as they have already been incorporated into Florida’s SIP (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702):

- Section 3, Subsection A, Conditions 3, 4, 5 and 6

Affected Units:

- EU 066 – “E” Sulfuric Acid Plant
- EU 067 – “F” Sulfuric Acid Plant

EU 066 – “E” Sulfuric Acid Plant; and

EU 067 – “F” Sulfuric Acid Plant

SO₂ Emission Limit: Section 3, Subsection A, Specific Condition 3 (effective September 22, 2022) states:

Effective January 1, 2023, the following SO₂ emission cap applies to the combined CEMs-measured emissions from SAP E and SAP F: 840 lb/hr on 24-hour block averaging period (6:00 a.m. to 6:00 a.m.). The 24-hour block average (6:00 a.m. to 6:00 a.m.) does not include hours when both SAPs are not operating.

[Rule 62-4.030, *General Prohibition*, F.A.C.; and, Rule 62-4.210, *Construction Permits*, F.A.C.; and Application No. 0470002-132-AC.]

Initial Compliance: Section 3, Subsection A, Specific Condition 4 (effective September 22, 2022) states:

These emission units shall use certified SO₂ CEMS data to demonstrate initial compliance with the SO₂ emission cap given in **Specific Condition 3** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 0470002-132-AC.]

Recordkeeping: Section 3, Subsection A, Specific Condition 5 (effective September 22, 2022) states:

The permittee shall keep records of the initial and ongoing compliance demonstrations. The records shall include the SO₂ CEMS data along with the sulfuric acid production rate (TPH, tons per hour). Any reports shall be prepared in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(10), F.A.C.; and Application No. 0470002-132-AC.]

Ongoing Compliance: Section 3, Subsection A, Specific Condition 6 (effective September 22, 2022) states:

The permittee shall use certified SO₂ CEMS data to demonstrate continuous compliance with the SO₂ emission cap given in **Specific Condition 3** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 0470002-132-AC.]

Appendix A-7 – Mosaic South Pierce (Permit No. 1050055-037-AC)

The Department is including the following permit conditions from Permit No. 1050055-037-AC, issued on September 22, 2022, to Mosaic South Pierce, for informational purposes only as they have already been incorporated into Florida’s SIP (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702):

- Section 3, Subsection A, Conditions 4, 5, 6 and 7

Affected Units:

- EU 004 – Sulfuric Acid Plant #10
- EU 005 – Sulfuric Acid Plant #11

EU 004 – Sulfuric Acid Plant #10; and
EU 005 – Sulfuric Acid Plant #11

SO₂ Emission Limit: Section 3, Subsection A, Specific Condition 4 (effective September 22, 2022) states:

SO₂ Emission Limit: Effective April 1, 2023, the following SO₂ emission cap applies to the SAP Nos. 10 and 11: 750 lb SO₂/hr on 24-hour block averaging period (6:00 a.m. to 6:00 a.m.). The 24-hour block average (6:00 a.m. to 6:00 a.m.) does not include hours when both SAPs are not operating.

[Rule 62-4.030, *General Prohibition*, F.A.C.; and, Rule 62-4.210, *Construction Permits*, F.A.C.]

Initial Compliance: Section 3, Subsection A, Specific Condition 5 (effective September 22, 2022) states:

Initial Compliance: These emission units shall use certified SO₂ CEMS data to demonstrate initial compliance with the SO₂ emission cap given in **Specific Condition 4** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 1050055-037-AC.]

Recordkeeping: Section 3, Subsection A, Specific Condition 6 (effective September 22, 2022) states:

The permittee shall keep records of the initial compliance demonstration. The records shall include the SO₂ CEMS data along with the sulfuric acid production rate (TPH, tons per hour) during the demonstration. Any reports shall be prepared in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(10), F.A.C.; and Application No. 1050055-038-AC.]

Ongoing Compliance: Section 3, Subsection A, Specific Condition 7 (effective September 22, 2022) states:

The permittee shall use certified SO₂ CEMS data to demonstrate continuous compliance with the SO₂ emission cap given in **Specific Condition 4** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 1050055-037-AC.]

Appendix A-8 – WestRock Fernandina Beach Mill (Permit No. 0890003-072-AC)

The Department is including the following permit conditions from Permit No. 0890003-072-AC, issued on June 24, 2021, to WestRock Fernandina Beach Mill, for informational purposes only as they have already been incorporated into Florida’s SIP (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702):

- Section 3, Subsection A, Conditions 2, 3 and 4

Affected Units:

- EU 015 – No. 7 Power Boiler

EU 015 No. 7 Power Boiler

Coal Usage Cap No. 1: Effective on January 1, 2022, coal usage for the No. 7 Power Boiler shall not exceed 250 tons per day (TPD) based on a 30-day rolling average. The 250 TPD, 30-day rolling average coal cap excludes days on which a natural gas curtailment or supply interruption occurs as defined in 40 CFR 63, Subpart DDDDD (§63.7575). [Regional Haze SIP; Application No. 0890003-072-AC and Rule 62-210.200(PTE), F.A.C.]

3. Coal Usage Cap No. 2: Effective on April 1, 2024, coal usage for the No. 7 Power Boiler shall not exceed 125 TPD based on a 30-day rolling average. The 125 TPD, 30-day rolling average coal cap excludes days on which a natural gas curtailment or supply interruption occurs. [Regional Haze SIP; Application No. 0890003-072-AC and Rule 62-210.200(PTE), F.A.C.]

4. Notification of Gas Curtailment Events: The permittee shall notify the Permitting Authority within 5 business days of the start and end of any gas curtailment or supply interruption event and keep records onsite for a period of 5 years documenting each gas curtailment event. [Regional Haze SIP; Application No. 0890003-072-AC and Rule 62-4.070(3), F.A.C.]

Materials to be Removed From the SIP

The Department is withdrawing its previous request to remove obsolete emissions units from the SIP. A new SIP revision will be submitted at a later time to address that issue.

Legal Authority

Chapter 403 of the Florida Statutes (F.S.), entitled “Environmental Control,” provides the legal framework for most of the activities of the air resource management program within the Florida Department of Environmental Protection (Department). Except as provided at sections 403.8055 and 403.201, F.S., for fast-track rulemaking and the granting of variances under Chapter 403, F.S., respectively, Chapter 120, F.S., Florida’s “Administrative Procedure Act,” sets forth the procedures the Department must follow for rulemaking, variances, and public meetings. The most recent version of the Florida Statutes can be found online at <http://www.leg.state.fl.us/Statutes>.

The principal sections of Chapter 403, F.S., that grant the Department authority to operate its air program are listed below. Authority to develop and update Florida’s State Implementation Plan (SIP) and 111(d) Designated Facilities Plan is expressly provided by subsection 403.061(35), F.S., which provides that the Department shall have the power and the duty to control and prohibit pollution of air and water in accordance with the law and rules adopted and promulgated by it and, for this purpose, to “exercise the duties, powers, and responsibilities required of the state under the federal Clean Air Act, 42 U.S.C. ss. 7401 et seq.”

[403.031](#) Definitions, including the definition of “regulated air pollutant” (403.031(19)).

[403.061](#) Authority to: promulgate plans to provide for air quality control and pollution abatement (403.061(1)); adopt rules for the control of air pollution in the state (403.061(7)); take enforcement action against violators of air pollution laws, rules and permits (403.061(8)); establish and administer an air pollution control program (403.061(9)); set ambient air quality standards (403.061(11)); monitor air quality (403.061(12)); require reports from air pollutant emission sources (403.061(13)); require permits for construction, operation, and modification of air

pollutant emission sources (403.061(14)); and exercise the duties, powers, and responsibilities required of the state under the federal Clean Air Act (403.061(35)).

- [403.087](#) Authority to issue, deny, modify, and revoke permits.
- [403.0872](#) Authority to establish an air operating permit program as required by Title V of the Clean Air Amendments of 1990.
- [403.0877](#) Authority to require engineering certification of permit applications.
- [403.121](#) Authority to seek judicial and administrative remedies for violations.
- [403.131](#) Authority to seek injunctive relief for violations.
- [403.141](#) Authority to find civil liability for violations.
- [403.161](#) Authority to assess civil and criminal penalties for violations.
- [403.182](#) Authority for local pollution control programs.
- [403.201](#) Authority to grant variances.
- [403.8052](#) Authority to establish a Small Business Assistance Program for small-business sources of air pollutant emissions.
- [403.8055](#) Authority to adopt U.S. Environmental Protection Agency (EPA) standards by reference through a fast-track process.
- [403.814](#) Authority to allow use of general permits (permits-by-rule) for minor sources.

Other statutory authorities, outside of Chapter 403, F.S., for Florida’s air program are as follows:

- [112.3143](#) Requirement that public officials disclose potential conflicts of interest.
- [112.3144](#) Requirement for disclosure of financial interests by public officials.
- [120.569](#) Authority of agency head to issue an emergency order in response to an immediate threat to public health, safety, or welfare.
- [316.2935](#) Authority to prohibit the sale and operation of motor vehicles whose emission control systems have been tampered with, and to prohibit the operation of motor vehicles that emit excessive smoke.

[320.03](#) Authority to establish Air Pollution Control Trust Fund and use \$1 fee on every motor vehicle license registration sold in the state for air pollution control purposes, including support of approved local air pollution control programs.

[376.60](#) Authority to establish a fee for asbestos removal projects.

Current and historical versions of Florida Administrative Code (F.A.C.) rule sections and chapters back to January 1, 2006, may be accessed from the Florida Department of State (DOS) website <https://www.flrules.org>. The DOS website also provides access to materials adopted by reference since January 1, 2011. Department rule chapters containing State Implementation Plan (SIP) or 111(d) State Plan provisions are as follows:

[62-204](#) Air Pollution Control – General Provisions

[62-210](#) Stationary Sources – General Requirements

[62-212](#) Stationary Sources – Preconstruction Review

[62-252](#) Gasoline Vapor Control

[62-256](#) Open Burning

[62-296](#) Stationary Sources – Emission Standards

[62-297](#) Stationary Sources – Emissions Monitoring

Other air-related Department rule chapters—not part of the SIP or 111(d) State Plan—include:

[62-213](#) Operation Permits for Major Sources of Air Pollution (Title V)

[62-214](#) Requirements for Sources Subject to the Federal Acid Rain Program

[62-243](#) Tampering with Motor Vehicle Air Pollution Control Equipment

[62-257](#) Asbestos Program

Public Participation

Response to 40 CFR 51.102 Requirements

(a) Except as otherwise provided in paragraph (c) of this section and within the 30 day notification period as required by paragraph (d) of this section, States must provide notice, provide the opportunity to submit written comments and allow the public the opportunity to request a public hearing. The State must hold a public hearing or provide the public the opportunity to request a public hearing. The notice announcing the 30 day notification period must include the date, place, and time of the public hearing. If the State provides the public the opportunity to request a public hearing and a request is received the State must hold the scheduled hearing or schedule a public hearing (as required by paragraph (d) of this section). The State may cancel the public hearing through a method it identifies if no request for a public hearing is received during the 30 day notification period and the original notice announcing the 30 day notification period clearly states: *If no request for a public hearing is received the hearing will be cancelled; identifies the method and time for announcing that the hearing has been cancelled; and provides a contact phone number for the public to call to find out if the hearing has been cancelled.*

The opportunity to submit written comments, request a public hearing, and participate in a public hearing, if requested, on the proposed SIP revision will be advertised in the Florida Administrative Register at least 30 days prior to the scheduled date of the hearing. Information regarding the date, place, and time of the public hearing will be included in the notice along with information on how to request the hearing or ascertain whether the hearing would be cancelled. A copy of the notice is included in this section.

(b) Separate hearings may be held for plans to implement primary and secondary standards.

Not applicable.

(c) No hearing will be required for any change to an increment of progress in an approved individual compliance schedule unless such change is likely to cause the source to be unable to comply with the final compliance date in the schedule. The requirements of §§51.104 and 51.105 will be applicable to such schedules, however.

Not applicable.

(d) Any hearing required by paragraph (a) of this section will be held only after reasonable notice, which will be considered to include, at least 30 days prior to the date of such hearing(s):

(1) Notice given to the public by prominent advertisement in the area affected announcing the date(s), time(s), and place(s) of such hearing(s);

The opportunity to submit comments, request a public hearing, or participate in a public hearing, if requested, on the proposed SIP revision will be advertised in the FAR at least 30 days prior to the scheduled date of the hearing (see response (a)).

(2) Availability of each proposed plan or revision for public inspection in at least one location in each region to which it will apply, and the availability of each compliance schedule for public inspection in at least one location in the region in which the affected source is located;

The materials proposed to be incorporated into the SIP were made available for public inspection in the offices of the Division of Air Resource Management (DARM) and on the DARM website. The materials were also made accessible to the public through each of the DEP's district offices and in the offices of each DEP-approved local air pollution control program. The memoranda requesting that such information be made available to the public by the district and local offices will be included in the Final SIP Submittal.

(3) Notification to the Administrator (through the appropriate Regional Office);

The Region 4 office of the EPA will be notified at least 30 days in advance of the scheduled public hearing date and provided with copies of the materials addressed in the proposed SIP revision. The pre-hearing submittal letter will be included in the Pre-Hearing SIP Submittal.

(4) Notification to each local air pollution control agency which will be significantly impacted by such plan, schedule, or revision;

Notification to affected local programs occurred with transmittal of the memoranda requesting that the materials proposed to be incorporated into the SIP be made available for public inspection (see response (d)(2)) and will be included in the final submittal.

(5) In the case of an interstate region, notification to any other States included, in whole or in part, in the regions which are significantly impacted by such plan or schedule or revision.

The states of Alabama, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, Virginia, and West Virginia were notified of the proposed SIP revision at least 30 days in advance of the scheduled date of the hearing. The e-mail notifications will be included in the final submittal.

(e) The State must prepare and retain, for inspection by the Administrator upon request, a record of each hearing. The record must contain, as a minimum, a list of witnesses together with the text of each presentation.

The Department will prepare and retain a record of the hearing, if requested. This record will contain a list of witnesses together with the text of each presentation.

(f) The State must submit with the plan, revision, or schedule, a certification that the requirements in paragraph (a) and (d) of this section were met. Such certification will include the date and place of any public hearing(s) held or that no public hearing was requested during the 30 day notification period.

Certification will be provided in the letter of submittal that the opportunity to submit comments, request a public hearing, or participate in a public hearing on the proposed SIP revision was noticed in accordance with the requirements of 40 CFR 51.102.

(g) Not applicable.

Notice of Opportunity to Submit Comments and Participate in Public Hearing

Florida Administrative Register

Volume 50, Number 13, January 19, 2024

Access Code: 337-217-893

GENERAL SUBJECT MATTER TO BE CONSIDERED: This notice will replace notice #27951149. Deputy Pilot Advancement

A copy of the agenda may be obtained by contacting: Board of Pilot Commissioners, 2601 Blair Stone Road, Tallahassee, FL 32399, (850)717-1982.

Pursuant to the provisions of the Americans with Disabilities Act, any person requiring special accommodations to participate in this workshop/meeting is asked to advise the agency at least 5 days before the workshop/meeting by contacting: Board of Pilot Commissioners, 2601 Blair Stone Road, Tallahassee, FL 32399, (850)717-1982. If you are hearing or speech impaired, please contact the agency using the Florida Relay Service, 1(800)955-8771 (TDD) or 1(800)955-8770 (Voice).

If any person decides to appeal any decision made by the Board with respect to any matter considered at this meeting or hearing, he/she will need to ensure that a verbatim record of the proceeding is made, which record includes the testimony and evidence from which the appeal is to be issued.

For more information, you may contact: Board of Pilot Commissioners, 2601 Blair Stone Road, Tallahassee, FL 32399, (850)717-1982.

DEPARTMENT OF ENVIRONMENTAL PROTECTION
The Department of Environmental Protection, Division of Air Resource Management announces a hearing to which all persons are invited.

DATE AND TIME: February 27, 2024, 1:00 p.m.

PLACE: Department of Environmental Protection, Bob Martinez Center, 2600 Blair Stone Road, Room 176, Tallahassee, Florida.

The Department will hold the hearing, if requested, at the date, time and place above and will also offer accessibility through a virtual meeting option. The virtual meeting option is being provided to allow maximum public participation if the hearing is requested. Parties can access the virtual meeting by telephone (regular long-distance telephone charges will apply) or Microsoft Teams. Parties may access the virtual meeting at the following number:

1(850)629-7330, ID number: 894-495-328# or by going to:
https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZWY4NTM5NzgtNzYzNy00MmZjLTJhM2EtMDIyNjg4YzZiMDc4%40thread.v2/0?context=%7b%22Tid%22%3a%22679d4c83-aea2-4635-b4f1-9f5012551b6a%22%2c%22Oid%22%3a%2230f2c22a-6fc1-4641-8b12-9eeffb388ff%22%7d . A link to the Microsoft Teams meeting is also available on the Department's website.

GENERAL SUBJECT MATTER TO BE CONSIDERED: Pursuant to 40 CFR 51.102, the Department of Environmental

Protection (DEP) announces a public hearing and opportunity to offer comments on a proposed revision to Florida's State Implementation Plan (SIP) under the Clean Air Act. This proposed SIP revision addresses regional haze in Florida's mandatory federal Class I areas and nearby Class I areas for the second implementation period of the U.S. Environmental Protection Agency's Regional Haze Rule. This proposed revision supplements the information that DEP submitted to EPA on October 8, 2021, as Florida's Regional Haze Plan for the Second Implementation Period. The materials comprising DEP's revision to the pending SIP submission are accessible at the following website:

<https://floridadep.gov/air/air-business-planning/content/air-regulatory-projects>.

A public hearing will be held, if requested, at the date and time given above. The public hearing, if requested, will also be accessible via a virtual meeting accessible by phone or computer. It is not necessary that the hearing be held or attended for persons to comment on DEP's proposed revisions to Florida's pending SIP submission. Any comments or requests for a public hearing must be submitted by email to Preston.McLane@floridadep.gov, and received no later than February 19, 2024. If no request for a public hearing is received, the hearing (and virtual meeting) will be cancelled, and notice of the cancellation will be posted at the following website:

https://floridadep.gov/events/month?field_county_tid=All&field_is_a_public_notice_value=Yes.

Persons may also contact Mr. McLane at (850)717-9041 to find out if the hearing has been cancelled.

A copy of the agenda may be obtained by contacting: Mr. McLane by email at the above email address or by calling (850)717-9041.

Public participation is solicited without regard to race, color, religion, sex, pregnancy, national origin, age, handicap, or marital status. Persons who require special accommodations under the American with Disabilities Act (ADA) or persons who require translation services (free of charge) are asked to contact Stacie Taylor at (850)245-2118 or LEP@FloridaDEP.gov at least ten (10) days before the meeting. If you have a hearing or speech impairment, please contact the agency using the Florida Relay Service, (800)955-8771 (TDD) or (800)955-8770 (voice).

For more information, you may contact: Mr. McLane by email or by calling (850)717-9041.

DEPARTMENT OF CHILDREN AND FAMILIES
Substance Abuse Program

The Department of Children and Families, Suicide Prevention Coordinating Council announces a public meeting to which all persons are invited.

Local Program and District Office Assistance to the Public

[Insert e-mail to Local Air Programs and District Air Program offices.]

Notifications to Other States and Federal Land Managers

Emails to other states holding place

From: [Rogers, Elizabeth](#)
To: [Melanie.Pitrolo@usda.gov](#); [jeremy.ash@usda.gov](#); [jacob.deal@usda.gov](#)
Cc: [Read, Hastings](#); [McLane, Preston](#); [Long, Terri](#); [Notarianni, Michele](#)
Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment
Date: Thursday, June 8, 2023 4:31:06 PM
Attachments: [Draft Regional Haze Plan Amendment - FLM Review Draft - June 2023.pdf](#)
[Florida DFP - Forest Service - Regional Haze Amendment FLM Consultation Letter.pdf](#)

June 8, 2023

Ms. Melanie Pitrolo
United States Forest Service
Melanie.Pitrolo@usda.gov

Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment

Dear Ms. Pitrolo,

Under the U.S. Environmental Protection Agency’s Regional Haze Rule, each state must submit a State Implementation Plan (SIP) that provides for reasonable progress towards achieving natural visibility conditions in Class I areas, including Class I areas in other states. Florida has within its borders three Class I areas subject to the reasonable progress requirements: Chassahowitzka Wilderness Area, St. Marks Wilderness Area, and Everglades National Park.

Pursuant to 40 CFR 51.308(i)(2), Florida must provide the Federal Land Managers (FLMs) with an opportunity for consultation on the Regional Haze SIP no less than 60 days prior to the start of the public comment period on the SIP.

With this letter, the Florida Department of Environmental Protection (Department) is providing the United States Fish & Wildlife Service with Florida’s draft Regional Haze Plan Amendment to begin the 60-day FLM consultation period. This proposal amends Florida’s pending Regional Haze Plan for the Second Implementation Period, which the Department submitted to EPA on October 8, 2021, to address commitments and enforceable actions that the state did not include in its prior submittal.

We have uploaded the Appendices to Florida’s Regional Haze Plan Amendment to a Department FTP folder. This FTP is accessible to persons outside of the Department through the **File Explorer** interface. To access these files, please **copy** the following address into your **File Explorer** address bar. (The address is not a URL, and it will not work in a web browser.) The Appendices are contained in the folder titled “**FL_RHP**,” subfolder “**RH Supplement – Appendix A & B**.”

ftp://ftp.dep.state.fl.us/pub/outgoing/FL_RHP/RH%20Supplement%20-%20Appendix%20A%20&%20B/

The Department requests that you provide any comments on the Plan Amendment by August 7, 2023, and encourages you to set up a meeting to discuss any potential comments with the Department prior to providing final comments. The Department will include a summary of all

FLM comments received in the Pre-Hearing SIP submittal and will address all FLM comments in the final SIP submittal.

The Department can provide any supporting documentation upon request. If you have any questions, please contact Preston McLane at (850) 717-9041 or by email at Preston.McLane@FloridaDEP.gov.

Sincerely,



Elizabeth Rogers

Florida Department of Environmental Protection
Division of Air Resource Management
Regulatory Reform/Legislative Coordination
Environmental Administrator
Elizabeth.Rogers@FloridaDEP.gov
Office: 850-717-9019

From: [Rogers, Elizabeth](#)
To: [Melanie.Pitrolo@usda.gov](#); [jeremy.ash@usda.gov](#); [jacob.deal@usda.gov](#)
Cc: [Read, Hastings](#); [McLane, Preston](#); [Long, Terri](#); [Notarianni, Michele](#)
Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment
Date: Thursday, June 8, 2023 4:31:06 PM
Attachments: [Draft Regional Haze Plan Amendment - FLM Review Draft - June 2023.pdf](#)
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United States Forest Service
Melanie.Pitrolo@usda.gov

Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment

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The Department can provide any supporting documentation upon request. If you have any questions, please contact Preston McLane at (850) 717-9041 or by email at Preston.McLane@FloridaDEP.gov.

Sincerely,



Elizabeth Rogers

Florida Department of Environmental Protection
Division of Air Resource Management
Regulatory Reform/Legislative Coordination
Environmental Administrator
Elizabeth.Rogers@FloridaDEP.gov
Office: 850-717-9019

From: [Rogers, Elizabeth](#)
To: Melanie_Peters@nps.gov
Cc: [Read, Hastings](#); [McLane, Preston](#); [Long, Terri](#); [Notarianni, Michele](#)
Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment
Date: Thursday, June 8, 2023 4:31:39 PM
Attachments: [Draft Regional Haze Plan Amendment - FLM Review Draft - June 2023.pdf](#)
[Florida DFP - National Park Service - Regional Haze Amendment FLM Consultation Letter.pdf](#)

June 8, 2023

Ms. Melanie Peters
National Park Service
Melanie_Peters@nps.gov

Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment

Dear Ms. Peters,

Under the U.S. Environmental Protection Agency’s Regional Haze Rule, each state must submit a State Implementation Plan (SIP) that provides for reasonable progress towards achieving natural visibility conditions in Class I areas, including Class I areas in other states. Florida has within its borders three Class I areas subject to the reasonable progress requirements: Chassahowitzka Wilderness Area, St. Marks Wilderness Area, and Everglades National Park.

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Sincerely,



Elizabeth Rogers

Florida Department of Environmental Protection
Division of Air Resource Management
Regulatory Reform/Legislative Coordination
Environmental Administrator
Elizabeth.Rogers@FloridaDEP.gov
Office: 850-717-9019



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Via Electronic Mail

June 8, 2023

Mr. Tim Allen
United States Fish & Wildlife Service
Tim_Allen@fws.gov

Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment

Dear Mr. Allen,

Under the U.S. Environmental Protection Agency's Regional Haze Rule, each state must submit a State Implementation Plan (SIP) that provides for reasonable progress towards achieving natural visibility conditions in Class I areas, including Class I areas in other states. Florida has within its borders three Class I areas subject to the reasonable progress requirements: Chassahowitzka Wilderness Area, St. Marks Wilderness Area, and Everglades National Park.

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The Department can provide any supporting documentation upon request. If you have any questions, please contact Preston McLane at (850) 717-9041 or by email at Preston.McLane@FloridaDEP.gov.

Sincerely,

A handwritten signature in blue ink that reads "Jeffery F. Koerner".

Jeffery F. Koerner, Director
Division of Air Resource Management



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Via Electronic Mail

June 8, 2023

Ms. Melanie Peters
National Park Service
Melanie_Peters@nps.gov

Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment

Dear Ms. Peters,

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Sincerely,

A handwritten signature in blue ink that reads "Jeffery F. Koerner".

Jeffery F. Koerner, Director
Division of Air Resource Management



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Via Electronic Mail

June 8, 2023

Ms. Melanie Pitrolo
United States Forest Service
Melanie.Pitrolo@usda.gov

Subject: Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment

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The Department can provide any supporting documentation upon request. If you have any questions, please contact Preston McLane at (850) 717-9041 or by email at Preston.McLane@FloridaDEP.gov.

Sincerely,

A handwritten signature in blue ink that reads "Jeffery F. Koerner".

Jeffery F. Koerner, Director
Division of Air Resource Management

Federal Land Managers Comments on Pre-Draft SIP

From: [Peters, Melanie](#)
To: [Rogers, Elizabeth](#)
Cc: [Read, Hastings](#); [McLane, Preston](#); [Long, Terri](#); [Notarianni, Michele](#); [Stacy, Andrea](#); [Shepherd, Don](#); [Miller, Debra C](#); [Taylor, Ksienva A.](#); [Salazer, Holly](#); [Prenni, Anthony J](#); [King, Kirsten L](#); [Allen, Tim](#); [Pitrolo, Melanie -FS](#); [Ash, Jeremy - FS](#); [Deal, Jacob - FS](#)
Subject: NPS Consultation Input on the Proposed Amendment to Florida's Regional Haze SIP
Date: Monday, August 7, 2023 5:24:06 PM
Attachments: [Pages from ITAFOS CONDA LLC - Four Factor Analysis Review RACT-BACT-LAER review.pdf](#)

EXTERNAL MESSAGE

This email originated outside of DEP. Please use caution when opening attachments, clicking links, or responding to this email.

Dear Ms. Rogers,

The National Park Service (NPS) appreciates the opportunity to review the proposed amendment to Florida's pending Regional Haze State Implementation Plan (SIP) for the Second Implementation Period. This amendment includes an evaluation of the Mosaic South Pierce fertilizer facility.

The NPS supports consideration of emission reduction opportunities for the Mosaic South Pierce facility as part of the SIP based on the increase in actual sulfur dioxide (SO₂) emissions in recent years and potential visibility impacts at Everglades National Park. The emissions increase that led to evaluation of this facility in the SIP amendment is not provided in the amendment text. We recommend including the emissions history from this facility in the SIP amendment and appreciate discussions with Florida Department of Environmental Protection (DEP) staff during consultation that improved our understanding of emission changes at this facility.

As part of the Florida SIP amendment, Mosaic provides a demonstration of effective controls (Appendix B-4) and concludes that the sulfuric acid (H₂SO₄) plants Nos. 10 and 11 are effectively controlled by the 750 lb SO₂/hour 24-hour block average emission limit and double absorption system technology. Florida DEP concurs with this conclusion and did not require a full four-factor analysis for the sulfuric acid plants.

Appendix B-4 notes that the revised SO₂ limit of 750 lb/hour 24-hr block equates to a 4.0 lb SO₂/ton H₂SO₄ produced limit. In support of their demonstration, Mosaic provides search results from the Environmental Protection Agency's RACT/BACT/LAER Clearinghouse (RBLC) database for dual absorption sulfuric acid plants (provided in Appendix 2 of their submittal). Based on this, Mosaic concludes: *BACT determinations have been in the range of 3.0 to 4.0 lb/ton for SO₂ emissions.*

The NPS finds that the Mosaic analysis of control options for dual absorption process sulfuric acid plants is incomplete. Based on our review of four-factor analyses for other sulfuric acid plants, the Mosaic RBLC database search is missing numerous examples of dual absorption sulfuric acid plants with lower lb/ton SO₂ limits. This includes several facilities with additional post-process controls, including scrubbers (i.e., hydrogen peroxide or caustic scrubbers)

and/or mist eliminators that have limits as low as 0.15 lb SO₂/ton H₂SO₄. For reference an RBLC database search that was included with the ITAFOS Conda, Soda Springs four-factor analysis review in the Idaho Regional Haze SIP for the 2nd Planning Period (June 2022) is attached.

Based on this RBLC data, the Idaho Department of Environmental Quality (IDEQ) requested a four-factor analysis from the ITAFOS sulfuric acid plant to evaluate additional SO₂ controls. Wet flue gas desulfurization, hydrogen peroxide scrubbers, and dry sorbent injection/caustic scrubbers were all found to be technically feasible. (IDEQ requested that the company also evaluate ozone scrubbers, which are reflected in the RBLC, but the requested analysis was not provided.)

IDEQ also requested that the company obtain vendor quotes for hydrogen peroxide and caustic scrubbers, which were submitted along with the four-factor analysis. NPS review of this information finds that post-process scrubbers may be a cost-effective control option for double absorption sulfuric acid plants. We recommend that Florida DEP consider this information when evaluating the effective control demonstration from Mosaic South Pierce.

Reducing SO₂ emissions from this and other Florida facilities will address haze with the added co-benefit of addressing mercury methylation concerns in the region. Specifically, sulfate deposition is a recognized driver of mercury methylation and subsequent mercury risk to food webs in the protected ecosystems of Everglades National Park and Big Cypress National Preserve ([Corrales et al 2011](#), [Janssen et al. 2022](#)).

The NPS commends Florida DEP for adding the Mosaic South Pierce facility to the state's Regional Haze SIP for the second planning period with this amendment. We appreciate the efforts Florida DEP is undertaking to implement the Regional Haze Rule and improve visibility at Everglades National Park and beyond. We look forward to continuing to work with Florida on clean air and clear views into the future. Please reach out if you have any questions or would like to talk about the NPS recommendations.

Best,

Melanie Peters

--

Melanie V. Peters
NPS, Air Resources Division

Office: 303-969-2315
Cell: 720-644-7632

DEP Response to Federal Land Managers Comments

A copy of the Federal Land Manager (FLM) comments received during the 60-day FLM consultation period are included in this document above.

On June 8, 2023, the Department sent consultation letters to the FWS, FS, and NPS Federal Land Managers along with a copy of the draft SIP for a 60-day comment period (a copy of the consultation letters are provided in above in this document). On August 7, 2023, the Department received comments from the NPS. NPS provided the Department with comments commending the Department for adding Mosaic South Pierce facility and supporting the consideration of emission reduction opportunities for the Mosaic South Pierce facility as part of this SIP based on the increase in actual sulfur dioxide (SO₂) emissions in recent years and potential visibility impacts at Everglades National Park.

NPS further noted that in Appendix B-4 that Mosaic provided search results from the Environmental Protection Agency's RACT/BACT/LAER Clearinghouse (RBLC) database for dual absorption sulfuric acid plants (provided in Appendix 2 of their submittal). NPS commented that they found Mosaic's analysis of control options for dual adsorption process sulfuric acid plants was incomplete, based on NPS's review of four-factor analysis for other sulfuric acid plants and recommended that DEP consider possible post-process scrubbers as a cost-effective control option when evaluating the effective control demonstration from Mosaic South Pierce.

The Department reviewed this comment and determined that the use of post-process scrubbers for the dual adsorption process sulfuric acid plant at Mosaic South Pierce was not considered to be cost-effective for the facility. SO₂ emission reductions were achieved by codifying an SO₂ limits consistent with an effective controls demonstration in a permit. The Department is including permit conditions from Permit No. 1050055-037-AC, issued on September 22, 2022, to Mosaic South Pierce in this supplemental SIP, for informational purposes only as they have already been incorporated into Florida's SIP (codified into the SIP through Florida's Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702).

Public Comments on Pre-Hearing Notice

[Insert public comments.]

DEP Response to Public Comments

[Insert DEP response to public comments.]

Pre-Hearing Submittal to EPA

Pre-Hearing Submittal Letter



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

Via Electronic Mail and State Planning Electronic Collaboration System

January 19, 2024

Ms. Jeaneanne Gettle
Acting Regional Administrator
U. S. Environmental Protection Agency (EPA) – Region 4
61 Forsyth Street, SW – Mail Code: 9T25
Atlanta, GA 30303-8909

Re: Florida Pre-Hearing SIP Submittal: Regional Haze Plan Amendment for the
Second Implementation Period

Dear Ms. Gettle:

Notice is hereby given that, pursuant to 40 CFR 51.102, the Department of Environmental Protection (Department) is accepting comments and will hold a public hearing, if requested, on a proposed supplement to Florida's October 8, 2021 Regional Haze State Implementation Plan (SIP) for the second implementation period under the U. S. Environmental Protection Agency's (EPA) Regional Haze Rule. On January 19, 2024, the Department published in the Florida Administrative Register a public notice of hearing for consideration of this proposed SIP revision. The comment period for this proposed SIP revision will close on February 19, 2024, and the public hearing, if requested, will be held on February 27, 2024.

This proposed supplement to Florida's pending Regional Haze SIP represents commitments and enforceable actions taken by the Department to address the requirements of the Regional Haze Rule during the second implementation period (2019 to 2028), towards the goal of attaining natural visibility conditions in Florida's designated federal Class I areas and those federal Class I areas in other states that may be affected by emissions from Florida.

Pursuant to 40 CFR 51.308(f), Florida's Regional Haze Plan includes the following elements:

- Source-specific reasonable progress four-factor analyses and documentation of the source selection process;
- Long-term strategy for regional haze resulting from the reasonable progress analyses;

Ms. Jeaneanne Gettle
Page 2 of 3
January 19, 2024

- Reasonable progress goals;
- Monitoring strategy and other implementation plan requirements; and
- Documentation of consultation with other states, EPA, and Federal Land Managers (FLMs).

Most of these required elements are contained in Florida's 2021 Regional Haze Plan submission. This supplemental SIP includes elements that Florida committed to completing in its 2021 Regional Haze Plan submission, including several four-factor analyses for specific facilities, together with the resulting permit conditions. This supplemental SIP proposal also includes miscellaneous items in response to comments received during the public comment period for the 2021 Regional Haze Plan submission.

For EPA review, please find two pre-hearing submittals: Florida's proposed revision to Florida's Regional Haze Plan, titled "*Supplement to Florida Regional Haze Plan for Second Implementation Period for Florida Class I Areas*," which details the process that Florida undertook to evaluate specific facilities and emissions units consistent with EPA's Regional Haze Rule; and Florida's proposed SIP revision titled "*Supplement to Florida Regional Haze Plan*," which details the elements of facility-specific permits that Florida is proposing to incorporate into Florida's SIP.

In support of these two proposed supplements, the Department has also prepared two Appendices:

- Appendix A: Facility Permits and Documentation
- Appendix B: Four Factor Analyses and Documentation

These two documents and the Appendices are also available on the Department's [Regional Haze website](#).

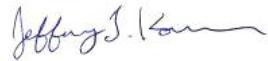
All documents are submitted for adoption into the nonregulatory portion of the SIP in 40 CFR 52.520, Table (e).

In addition, Appendix A includes air construction permits issued to six Florida facilities to meet reasonable progress requirements. The document titled "*Supplement to Florida Regional Haze Plan*" contains administrative items related to the SIP development process, including source-specific requirements to be incorporated into Florida's SIP. Through this SIP revision, the Department is proposing to incorporate into the regulatory portion of Florida's SIP at 40 CFR 52.520, table (d), certain source-specific SO₂ emission limits and permit conditions resulting from the reasonable progress analyses.

Florida requests that all comments on these submittals be provided to the Department by February 19, 2024. If you have any questions, please contact Hastings Read at (850) 717-9017 or by email at Hastings.Read@FloridaDEP.gov.

Ms. Jeaneanne Gettle
Page 3 of 3
January 19, 2024

Sincerely,



Jeffery F. Koerner, Director
Division of Air Resource Management

JFK/tl

cc:

Anthony Toney, EPA Region 4;
Nancy McKee Perez, EPA Region 4;
Joel Huey, EPA Region 4;
Pearlene Williams, EPA Region 4;
Michele Notarianni, EPA Region 4.

Enclosures:

Pre-Hearing SIP 2024-01 – Supplement to Florida Regional Haze Plan
Supplement to Florida Regional Haze Plan for Second Implementation Period for Florida
Class I Areas
Appendices A & B

EPA Comments on Pre-Hearing Submittal

[Insert EPA comments.]

DEP Response to EPA Comments

[Insert DEP response to EPA comments.]