

**STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**PROPOSED REVISION TO
STATE IMPLEMENTATION PLAN**



Submittal Number 2024-01

**PART II SUPPLEMENT TO
FLORIDA REGIONAL HAZE
STATE IMPLEMENTATION PLAN**

Final Submittal

October 28, 2024

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PROPOSED REVISION TO STATE IMPLEMENTATION PLAN

Final Submittal Number 2024-01 Part II 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 2nd 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. On June 14, 2024, Florida submitted to EPA its first supplement to Florida's 2021 Regional Haze SIP package, which included:

- An updated four-factor analysis for WestRock Fernandina Beach Mill to include analysis of the use of 100% natural gas in the facility's No. 7 Power Boiler;
- An updated air construction permit for WestRock Fernandina Beach to add monitoring and recordkeeping requirements;
- Addition of a 0.2 lb SO₂/MMBtu (MATS) limit for JEA Northside Units 1 and 2 to supplement and strengthen the facility's 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.

Based on consultation with EPA staff regarding the permanent retirement status of the Georgia-Pacific Foley Mill, the Department has prepared this second supplement to Florida's 2021 Regional Haze SIP package, which includes the following additional information:

- A four-factor analysis for Georgia-Pacific Foley Mill; and
- An air construction permit for Georgia-Pacific Foley Mill (Permit No. 1230001-121-AC) based on the results of the four-factor analysis.

Documentation of the permanent retirement of the Georgia-Pacific Foley Mill was previously provided in **Appendix C-2** of the Part I Supplemental document.

The 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
- 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, Florida 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 *"Part II 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.

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.

In accordance with the 30-day notice requirement of 40 CFR 51.102, the Department transmitted to EPA the pre-hearing submittal regarding this proposed SIP revision on January 19, 2024. The Department also posted the pre-hearing submittal on the website for the Department's Division of Air Resource Management. Concurrently, the Department transmitted 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.

Pursuant to state administrative procedures and 40 CFR 51.102, the Department published a notice in the Florida Administrative Register (FAR) on January 19, 2024, 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 response to a request to extend the comment period and reschedule the proposed hearing date, the Department published a subsequent notice on February 16, 2024. This notice announced that the comment period had

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

been extended to March 8, 2024, and the public hearing, if requested, would be held on March 20, 2024. No hearing was requested and none was held.

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 Final 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, is attached to this 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 air construction permits issued to the facility 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 of this submittal.

Please note that due to consultation with EPA staff, the permit for the Georgia-Pacific Foley Mill, that the Department originally included in Florida’s Pre-Hearing Regional Haze Supplemental SIP, has been resubmitted in this document.

Facility	Permit No.	Date Issued	Appendix
Georgia-Pacific Foley Mill	1230001-121-AC	10/20/2023	Appendix A

- 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 permit listed in the table above and contained in **Appendix A**, which establishes the SO₂ emissions limits and measures proposed for incorporation into Florida's SIP.

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) no fewer 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 complied with all state procedural requirements relevant to the development of this Final SIP submittal. A copy of the notice of Final SIP revision is provided in the **Public Participation** section of this submittal.

e. 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 are provided in the **Public Participation** section of this submittal.

f. 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 is provided in the "Letter of Submittal" that accompanies this submittal.

g. Compilation of public comments and the State's response thereto.

Written comments received during the Federal Land Manager (FLM) consultation period are included in this submittal. Written comments received during the public notice period are included in **Appendix D** of the Part I Supplemental document and the Department's response thereto are included in the "Public Participation" section of this 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 the **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 “Part II 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**. As discussed in the **SIP Submittal Package** section, all documents, except for **Appendix A**, are submitted for adoption into the nonregulatory portion of Florida's SIP at 40 CFR 52.520, Table (e).

Appendix A to Florida's Regional Haze Plan Amendment includes, for reference, air construction permit issued to the Florida facility to meet reasonable progress requirements of the Regional Haze Rule, either by 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 permit listed below be incorporated into the regulatory portion of Florida's SIP in Table (d).

Appendix A – 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
- 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]

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.*

A copy of the January 19, 2024, notice is included in this section together with the February 16, 2024, notice announcing a comment period extension and rescheduling of the proposed hearing date.

(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 was 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 are included in the Final SIP Submittal.

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

The Region 4 office of the EPA was 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 was 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 are 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 are 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 published a Notice of Hearing, if requested, in the Florida Administrative Register on January 19, 2024. On January 29, 2024, the Department received a written request to extend the comment period and re-schedule the hearing, if requested, to a later date. On February 16, 2024, DEP published in the Florida Administrative Register, a notice of extension of the comment period through March 8, 2024, and rescheduled the hearing, if requested, from February 27, 2024, to March 20, 2024. No hearing request was received and the March 20, 2024 hearing was canceled.

(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_ZWY4NTM5NzgtNzYzNy00MmZjLThjM2EtMDIyNjg4YzZiMDc4%40thread.v2/0?context=%7b%22Tid%22%3a%22679d4c83-aea2-4635-b4f1-9f5012551b6a%22%2c%22Oid%22%3a%2230f2c22a-6fc1-4641-8b12-9eeffbb388ff%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 LBP@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.

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On January 29, 2024, DEP received a written request to extend the comment period and re-schedule the hearing, if requested, to a later date. On February 16, 2024, DEP published in the Florida Administrative Register, a notice of extension of the comment period through March 8, 2024, and rescheduled the hearing, if requested, from February 27, 2024, to March 20, 2024.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

The Division of Air Resource Management announces an extension of the public comment period to March 8, 2024, for a proposed supplement to Florida's Regional Haze Plan and announces a hearing to which all persons are invited.

DATE AND TIME: March 20, 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 re-scheduled 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_ZWY4NTM5NzgtNzYzNy00MmZjLThjM2EtMDIyNjg4YzZiMDc4%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.

A re-scheduled 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 March 8, 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.

GENERAL SUBJECT MATTER TO BE CONSIDERED: Pursuant to 40 CFR 51.102, the Department of Environmental Protection (DEP) announces a re-scheduled public hearing and an extension of time for the opportunity to offer comments on a proposed revision to Florida's State Implementation Plan (SIP) under the Clean Air Act. The re-scheduling of the hearing (if requested) and extension of the comment period was requested in a letter received by the Department on January 29, 2024.

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 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 HEALTH

Division of Children's Medical Services

The Child Abuse Death Review Circuit 9 Committee announces a public meeting to which all persons are invited.

DATE AND TIME: Friday, February 23, 2024, 1:00 p.m. - 1:30 p.m.

PLACE: Microsoft Teams meeting

Join on your computer, mobile app or room device

Click here to join the meeting

Meeting ID: 265 272 179 883

Passcode: iGfzGk

Download Teams | Join on the web

Or call in (audio only)

+1(321)430-1061,,15453445# United States, Orlando

Phone Conference ID: 154 534 45#

Find a local number | Reset PIN

Learn More | Meeting options

GENERAL SUBJECT MATTER TO BE CONSIDERED: The Committee will address administrative issues, review cases, and discuss the CADR Action Plan. A portion of the meeting is required by Section 383.412(3) (a), F.S. to be closed to the public to allow the Committee to discuss information that is confidential and exempt from public meetings and public records. This portion of the meeting will be announced at the meeting.

A copy of the agenda may be obtained by contacting: Brianne L. Bell - Brianne.Bell@orlandohealth.com

Local Program and District Office Assistance to the Public

From: [Long, Terri](#)
To: [Suarez Ana](#); [long_melissa](#); ["lee@epchc.org"](#); ["wanda.parker@ocfl.net"](#); ["kenny.wilson@flhealth.gov"](#); [Schneider Sheila](#); ["John Hickey"](#); [Watkins, Aaron](#); [Andreotta, Jason](#); [Strong, Greg](#); [Orr, Elizabeth](#); [Boatwright, Kelley M.](#); [Carpenter, Jennifer](#); ["Laxmana.Tallam@flhealth.gov"](#); ["Palomino, Susana \(RFR\)"](#); [Davila, Sirena](#); [Pogonin Monica](#); ["woodard@epchc.org"](#); [Willaims Michael C](#)
Cc: [Rogers, Elizabeth](#)
Subject: Florida's SIP 2024-01 FAR Regional Haze Amendment - Local Programs-Districts
Date: Friday, January 19, 2024 1:31:41 PM
Attachments: [SIP 2024-01 FAR Regional Haze Amendment 1-19-24.pdf](#)

Good afternoon,

Notice is hereby given that, pursuant to 40 CFR 51.102, the Florida Department of Environmental Protection (Department) is accepting comments and will hold a public hearing, if requested, on a proposed revision of Florida's regional haze State Implementation Plan (SIP) for the second implementation period of the U.S. Environmental Protection Agency's (EPA) Regional Haze Rule (RHR).

Please find attached the notice of opportunity to offer comments or request a public hearing. This notice will be published on January 19, 2024, in the Florida Administrative Register. The comment period for the proposed SIP revision will close on Sunday, February 18, 2024, with comments or request for hearing received by FDEP no later than Monday, February 19, 2024. The public hearing, if requested, will be held on Tuesday, February 27, 2024.

The materials comprising Florida's Regional Haze SIP revision can be accessed through this website: <https://floridadep.gov/air/air-business-planning/content/air-regulatory-projects>

If you have any questions, please contact Preston McLane at Preston.McLane@FloridaDEP.gov or (850) 717-9041.

Terri Long

*Florida Department of Environmental Protection
Division of Air Resource Management
Office of Business Planning/Regulatory Planning Section
(850) 717-9023
Terri.long@FloridaDEP.gov*

From: [Long, Terri](#)
To: [Suarez Ana](#); [long_melissa](#); "[lee@epchc.org](#)"; "[wanda.parker@ocfl.net](#)"; "[kenny.wilson@flhealth.gov](#)"; [Schneider Sheila](#); "[John.Hickey](#)"; [Watkins, Aaron](#); [Andreotta, Jason](#); [Strong, Greg](#); [Orr, Elizabeth](#); [Boatwright, Kelley M.](#); [Carpenter, Jennifer](#); "[Laxmana.Tallam@flhealth.gov](#)"; "[Palomino, Susana \(RFR\)](#)"; [Davila, Sirena](#); [Pogonon Monica](#); "[woodard@epchc.org](#)"; [Willaims Michael C](#)
Cc: [Rogers, Elizabeth](#); [McLane, Preston](#)
Subject: Florida's SIP 2024-01 FAR Regional Haze Amendment - Local Programs/Districts Notice of Extension of Comment Period and Re-Scheduled Hearing, if requested
Date: Friday, February 16, 2024 12:32:20 PM
Attachments: [SIP 2024-01 FAR Regional Haze Amendment Reschedule hearing Ext of comment period 2-16-24.pdf](#)

Good afternoon,

Notice is hereby given that, pursuant to 40 CFR 51.102, the Florida Department of Environmental Protection (Department) is extending the comment period to March 8, 2024 and will hold a re-scheduled public hearing, if requested, on a proposed revision of Florida's Regional Haze State Implementation Plan (SIP) for the second implementation period of the U.S. Environmental Protection Agency's (EPA) Regional Haze Rule (RHR)."

Please find attached the notice of opportunity to offer comments or request a public hearing. This notice was published on February 16, 2024, in the Florida Administrative Register. Any comments or requests for a public hearing must be submitted by email to Preston.McLane@floridadep.gov, and received no later than Friday, March 8, 2024. The re-scheduled public hearing, if requested, will be held on Wednesday, March 20, 2024. The materials comprising Florida's Regional Haze SIP revision can be accessed through this website:

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

If you have any questions, please contact Preston McLane at Preston.McLane@FloridaDEP.gov or (850) 717-9041.

Terri Long

*Florida Department of Environmental Protection
Division of Air Resource Management
Office of Business Planning/Regulatory Planning Section
(850) 717-9023
Terri.long@FloridaDEP.gov*

Notifications to Other States and Federal Land Managers

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 DEP 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_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.

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



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.

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.

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,

A handwritten signature in blue ink, appearing to read "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,

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 National Park 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.

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,

A handwritten signature in blue ink, appearing to read "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

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 Forest 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.

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,

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

Jeffery F. Koerner, Director
Division of Air Resource Management

From: [Long, Terri](#)
To: "james.boylan@dnr.ga.gov"; "lbb@adem.alabama.gov"; "james.johnston@tn.gov"; "aha@adem.alabama.gov"; "tammy.manning@ncdenr.gov"
Cc: [Rogers, Elizabeth](#)
Subject: FW: Florida's SIP 2024-01 FAR Regional Haze Amendment - States-FLMs
Date: Friday, January 19, 2024 1:07:41 PM
Attachments: [SIP 2024-01 FAR Regional Haze Amendment 1-19-24.pdf](#)

From: Long, Terri
Sent: Friday, January 19, 2024 12:49 PM
To: 'james.boyla@dnr.ga.gov' <james.boyla@dnr.ga.gov>; 'leighbacon11b@adem.alabama.gov' <leighbacon11b@adem.alabama.gov>; 'dalehurstada@adem.alabama.gov' <dalehurstada@adem.alabama.gov>; 'tommy.manning@ncdenr.gov' <tommy.manning@ncdenr.gov>; 'blake.borwig@ky.gov' <blake.borwig@ky.gov>; 'michael.kiss@deq.virginia.gov' <michael.kiss@deq.virginia.gov>; 'james.johnson@tn.gov' <james.johnson@tn.gov>; 'bedenbcw@dhec.sc.gov' <bedenbcw@dhec.sc.gov>; 'khead@mdeq.ms.gov' <khead@mdeq.ms.gov>; 'jon.d.mcclung@wv.gov' <jon.d.mcclung@wv.gov>; 'melanie.pitrolo@usda.gov' <melanie.pitrolo@usda.gov>; 'melanie_peters@NPS.gov' <melanie_peters@NPS.gov>; 'Tim_Allen@fws.gov' <Tim_Allen@fws.gov>
Cc: Rogers, Elizabeth <Elizabeth.Rogers@floridadep.gov>; McLane, Preston <Preston.McLane@floridadep.gov>
Subject: Florida's SIP 2024-01 FAR Regional Haze Amendment - States-FLMs

Good afternoon,

Notice is hereby given that, pursuant to 40 CFR 51.102, the Florida Department of Environmental Protection (Department) is accepting comments and will hold a public hearing, if requested, on a proposed revision of Florida's regional haze State Implementation Plan (SIP) for the second implementation period of the U.S. Environmental Protection Agency's (EPA) Regional Haze Rule (RHR)."

Please find attached the notice of opportunity to offer comments or request a public hearing. This notice will be published on January 19, 2024, in the Florida Administrative Register. The comment period for the proposed SIP revision will close on Sunday, February 18, 2024, with comments or request for hearing received by FDEP no later than Monday, February 19, 2024. The public hearing, if requested, will be held on Tuesday, February 27, 2024.

The materials comprising Florida's Regional Haze SIP revision can be accessed through this website: <https://floridadep.gov/air/air-business-planning/content/air-regulatory-projects>

If you have any questions, please contact Preston McLane at Preston.McLane@FloridaDEP.gov or (850) 717-9041.

From: [Long, Terri](#)
To: ["tammy.manning@ncdenr.gov"](#); ["james.boylan@dnr.ga.gov"](#); ["lb@adem.alabama.gov"](#); ["ada@adem.alabama.gov"](#); ["blake.bonyig@ky.gov"](#); ["michael.kiss@deq.virginia.gov"](#); ["james.johnston@tn.gov"](#); ["bedenbcw@dech.sc.gov"](#); ["khead@mdeq.ms.gov"](#); ["jon.d.mcclung@wv.gov"](#); ["wallmp@dech.sc.gov"](#); ["todd.h.shrewsbury@wv.gov"](#); ["melanie.pitolo@usda.gov"](#); ["melanie_peters@NPS.gov"](#); ["Tim.Allen@fws.gov"](#)
Cc: [Rogers, Elizabeth](#); [McLane, Preston](#)
Subject: Florida's SIP 2024-01 FAR Regional Haze Supplemental Amendment - States-FLMs Notice of Extension of Comment Period and Re-Scheduled Hearing, if requested
Date: Friday, February 16, 2024 12:32:31 PM
Attachments: [SIP 2024-01 FAR Regional Haze Amendment Reschedule hearing Ext of comment period 2-16-24.pdf](#)

Good afternoon,

Notice is hereby given that, pursuant to 40 CFR 51.102, the Florida Department of Environmental Protection (Department) is extending the comment period to March 8, 2024 and will hold a re-scheduled public hearing, if requested, on a proposed revision of Florida's Regional Haze State Implementation Plan (SIP) for the second implementation period of the U.S. Environmental Protection Agency's (EPA) Regional Haze Rule (RHR)."

Please find attached the notice of opportunity to offer comments or request a public hearing. This notice was published on February 16, 2024, in the Florida Administrative Register. Any comments or requests for a public hearing must be submitted by email to Preston.McLane@floridadep.gov, and received no later than Friday, March 8, 2024. The re-scheduled public hearing, if requested, will be held on Wednesday, March 20, 2024. The materials comprising Florida's Regional Haze SIP revision can be accessed through this website:

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

If you have any questions, please contact Preston McLane at Preston.McLane@FloridaDEP.gov or (850) 717-9041.

Terri Long

*Florida Department of Environmental Protection
Division of Air Resource Management
Office of Business Planning/Regulatory Planning Section
(850) 717-9023
Terri.long@FloridaDEP.gov*

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

On June 8, 2023, the Department sent consultation letters to the U.S. Fish and Wildlife Service (FWS), Forest Service (FS), and National Park Service (NPS) Federal Land Managers (FLMs) along with a copy of the draft SIP for a 60-day comment period (a copy of the consultation letters are included in this submittal above.). On August 7, 2023, the Department received comments from the NPS. (A copy of the FLM comments received during the 60-day FLM consultation period are included in this submittal above.)

NPS provided the Department with comments commending the Department for adding the 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 Appendix B-4 of the 2021 Plan documented that Mosaic had provided search results from EPA's RACT/BACT/LAER Clearinghouse (RBLC) for dual absorption sulfuric acid plants (provided in Appendix 2 of the NPS submittal). NPS commented that the NPS found Mosaic's analysis of control options for dual adsorption process sulfuric acid plants was incomplete, based on the NPS's review of four-factor analysis for other sulfuric acid plants, and NPS recommended that DEP consider possible post-process scrubbers as a cost-effective control option when evaluating the effective control demonstration for Mosaic South Pierce.

The Department reviewed NPS's comments and determined that the use of post-process scrubbers for the dual adsorption process sulfuric acid plant at Mosaic South Pierce was not 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 in this supplemental SIP permit conditions from Permit No. 1050055-037-AC, issued on September 22, 2022, to Mosaic South Pierce for informational purposes only as these permit conditions have already been incorporated into Florida's SIP (codified into Florida's SIP through Florida's Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702).

The Department considers that the use of post-process scrubbers for a dual adsorption process sulfuric acid plant was designed to reduce sulfuric acid mist emissions, rather than SO₂ emissions. Only SO₂ emissions contribute to regional haze and thus are evaluated as part of this document.

Public Comments on Pre-Hearing Notice

See **Appendix D** of the Part I Supplemental document for the public comments received on the pre-hearing SIP document.

Response to Public Comments

Overview

On October 8, 2021, Florida submitted to EPA its most recent proposed Regional Haze SIP revision. As detailed in the **Executive Summary** above, this 2024 Regional Haze Supplemental SIP and Plan address several elements that were left unresolved in Florida's 2021 Regional Haze Plan and SIP revision. Comments outside the scope of this regulatory action will not be addressed. To the extent that these comments repeat earlier comments submitted in response to Florida's 2021 Regional Haze Plan, the Department refers commenters to the responses located in **Appendix I-5** of the 2021 Regional Haze Plan. Florida's 2021 Regional Haze SIP included permits, technical analyses, and commitments addressing the requirements of the federal regulations.

EPA's Regional Haze Rule does not require that the state evaluate all sources of visibility-impairing pollutants through a four-factor analysis. Pursuant to 40 CFR 51.308(f)(2)(i), which applies to plans in the second and subsequent implementation periods, "...The State should consider evaluating major and minor stationary sources or groups of sources, mobile sources, and area sources. The State must include in its implementation plan a description of the criteria it used to determine which sources or groups of sources it evaluated and how the four factors were taken into consideration in selecting the measures for inclusion in its long-term strategy..." States have the discretion to select sources for a reasonable progress analysis, and states are not required to evaluate all emissions sources. The Regional Haze Rule requires that each State describe the criteria that the State used to determine which sources were evaluated.

Florida maintains that the Regional Haze documents developed during the second implementation period of 2019 to 2028 meet the requirements of Sections 169A and 169B of the CAA and the implementing regulations at 40 CFR 51.308. Permit conditions and enforceable actions address these requirements and assist in Florida's efforts to attain natural visibility conditions in its federally designated Class I areas.

Commenters raised a number of concerns regarding the four-factor analyses and permits for WestRock Panama City Mill and the Georgia-Pacific Foley Mill. Although the WestRock Panama City Mill and the Georgia-Pacific Foley Mill have been closed for some time, and the Department anticipates that the closures of the emissions units at each facility which would be subject to SIP limits under Florida's Regional Haze Plan will be permanent, and any future regulated air emissions activities at either of these locations would require comprehensive air construction permitting prior to resuming any operations, following discussions with EPA staff, the Department has determined that, at this time, it is prudent to include in this Supplement to Florida's Regional Haze SIP the permit and four-factor analysis for the Georgia-Pacific Foley Mill facility (**Appendix A**). On October 18, 2024, the Department provided to EPA documentation of the extent of on-site equipment destruction and deterioration at the WestRock Panama City Mill in a Departmental inspection report dated October 10, 2024; information regarding the WestRock Panama City Mill has accordingly been removed from Florida's Regional Haze SIP submittal. Specific comments regarding the Georgia-Pacific Foley Mill are addressed below.

The Department received multiple comments on the topics listed below. The Department appreciates these comments, and the Department has used this public input to create a more robust document.

- 1. NO_x Emissions** – The Department received several comments requesting that NO_x emissions be included in the Regional Haze SIP and Plan. As shown in Figures 2-9 through 2-13 in Florida’s 2021 Regional Haze Plan, there has not been a significant shift in the nitrate contribution to visibility impairment in Class I areas within and near the State of Florida. Sulfates continue to be the largest contributor to anthropogenic visibility impairment at all affected Class I areas. Florida did not, therefore, analyze NO_x emissions, the precursor to nitrates, but did analyze SO₂ emissions, the precursor to sulfates. As stated in EPA’s August 2019 regional haze guidance, “When selecting sources for analysis of control measures, a state may focus on the PM species that dominate visibility impairment at the Class I areas affected by emissions from the state and then select only sources with emissions of those dominant pollutants and their precursors.” The regional haze program is a long-term program with the goal of making reasonable progress toward natural visibility conditions over time. If nitrates become an important contributor to visibility impairment in Class I areas within or near the State of Florida in future years, the Department will evaluate NO_x emissions in future implementation periods.

The Department focused its analysis on sulfur dioxide (SO₂) emissions, the precursor to sulfates, and point sources, which constitute the most significant source of SO₂ in Florida. In 2023 (the year of EPA’s most recent National Emissions Inventory), point sources emitted 63% of the SO₂ in Florida. SO₂ emissions decreased by about 37% overall from 2017 to 2023, driven by a 69% drop in emissions from electric generating units (EGUs), a 59% drop in the Nonroad Mobile data category, and a 39% drop from “Other Mobile Sources.” This overall decrease occurred despite a 350% increase in SO₂ emissions in the Oil and Gas sector, which still represents less than 1% of all SO₂ emissions in the 2023 NEI. In addition, management of emissions from prescribed burning is addressed in Florida’s Smoke Management Plan, which the Department developed in consultation with the Florida Forest Service. The Florida Forest Service implements the Smoke Management Plan in issuing daily burn authorizations around the state. The Florida Forest Service recently announced additional protocols for prescribed fire burning, including the burning of pre-harvest sugarcane, which include taking into account ambient air quality before issuing daily burn authorizations.

- 2. Reporting Requirements** – The Department received multiple comments on reporting requirements. All facilities with operation permits in Florida are required to submit annual operating reports, per the requirements of Rule 62-210.370, F.A.C. Facilities are subject to the recordkeeping provisions of subsection 62-210.370(2)(h), F.A.C., which is already a component of Florida’s SIP. Commenters specifically requested that the Department integrate detailed CEMS requirements into the SIP. The Department disagrees with these comments as all emissions limits that Florida is proposing to incorporate into Florida’s SIP already require continuous emission monitoring through various federal programs or other provisions in Florida’s SIP. CEMS requirements are already included in Florida’s SIP at subsection 62-210.370(2)(b), F.A.C.
- 3. Permit Condition Expiration** – The Department received several comments regarding the apparent expiration of permit conditions proposed for inclusion in the pre-hearing

SIP. Construction permits are typically written for a limited time period, after which the specific permit conditions contained within the construction permit become part of the facility's operation permit. Permit conditions do not expire, unless they are specifically noted as doing so. Under Florida's New Source Review and Title V permitting programs, conditions contained within air construction permits are applicable requirements that extend beyond the expiration of the actual air construction permit. The Department's rules require air construction permits to be incorporated into a facility's Title V permit in a timely manner after demonstrating initial compliance with the conditions therein. Regarding the reporting requirements, all facilities with operation permits in Florida are required to submit annual operating reports, per the requirements of Rule 62-210.370, F.A.C.

4. **Practical Enforceability of Permit Conditions** – The Department received multiple comments on the practical enforceability of permit conditions. EPA's Regional Haze Rule requires states to include emissions limitations in their SIPs that are necessary for reasonable progress, which may include existing emissions limitations. Florida's SIP meets this requirement. All permit conditions that Florida is proposing to include in its Regional Haze SIP are practically enforceable with monitoring, recordkeeping and reporting requirements, as applicable.
5. **Cost-Effectiveness Calculations** – The Department received multiple comments on the use of cost-effectiveness calculations and reviewed all cost-effectiveness documentation and calculations to determine whether additional information was needed. The Department disagrees that vendor quotes or site-specific information are necessary to estimate costs of compliance. While site-specific cost information may be preferred under some circumstances, EPA's August 2019 guidance and the Control Cost Manual note that when site-specific information is not available, states may use generic cost estimates or estimation algorithms in determining costs of compliance. Although EPA recommends that states use the Control Cost Manual as a source of cost estimates and algorithms, EPA does not require that states use it.

Regarding equipment life, interest rates, and cost items used, the Department agrees that in certain cases, as described in Section 7.8.1 and Section 7.8.2 of Florida's 2021 Regional Haze Plan, the equipment life estimates, interest rates used, and certain cost items included in the initial analyses needed improvement; where the estimated cost-effectiveness values were reasonably close to being cost-effective, the Department updated the analyses with a 30-year lifetime, a 3.25% bank prime interest rate, and removed any cost items that were not justified. The Department did not revise calculations for control costs where the revised costs would still be significantly above a reasonable cost-effectiveness threshold. The Department also conferred with EPA staff at both the regional and national level on the cost-effectiveness values throughout the document development process.

Foley Mill

In October 2023, Georgia-Pacific announced the closure of the Foley Mill in Perry, Florida. Georgia-Pacific also announced its intention to seek a buyer of the Mill that could potentially operate the Mill in the future. In April 2024, Georgia-Pacific announced that there were no prospective purchasers of the Mill and would permanently cease operations. Georgia-Pacific has provided documentation of its closure plan including steps to disable permanently the emission units that the Department had proposed to include in the Supplemental Regional Haze SIP (see **Appendix C-2** of the Part I Supplemental document).

The Department received comments on the type and extent of controls required for the Georgia-Pacific Foley Mill to demonstrate reasonable progress. Also, the Department received comments on Four-Factor Analyses for WestRock Fernandina Beach, Georgia-Pacific Foley Mill, and WestRock Panama City. Specifically, comments requested that the Department establish a cost-effectiveness threshold for assessing controls and rejecting controls as not cost effective. Commenters discussed cost thresholds adopted by other states for the second planning period.

Response: The Department disagrees with these comments. Georgia-Pacific Foley Mill's Permit No. 1230001-121-AC no longer permits tall oil, a sulfur-containing substance, to be burned in the No. 1 Power Boiler or the Nos. 2, 3 and 4 Recovery Furnaces. Furthermore, the No. 1 Power Boiler will only fire natural gas except during periods of natural gas curtailment, pipeline disruptions or physical mill problems. Any No. 6 Fuel oil added to the common tank during those periods must be limited to 1.02% sulfur by weight. This will result in significant SO₂ emission reductions from the boiler and recovery furnaces.

The Department also disagrees with comments regarding the four-factor analyses for this facility. The age and design of the emission units presents unique engineering constraints for control evaluation. They were not designed to operate with a black liquor solids content of 75% or more, due to their age. For recovery furnaces, safety is a critical concern when considering major physical changes to such vintage units because the combination of molten smelt and large quantities of water in the heat exchanger tubes make these furnaces potentially explosive, a critical concern at all times. Installation of a wet scrubber located after the electrostatic precipitator (ESP) was not found to be cost-effective. Installing a common SO₂ control on emission unit stacks or additional control technology were not considered during these analyses. The subsequent facility closure and equipment shutdown rendered these analyses moot.

Regarding equipment life, interest rates, and cost items used, the Department agrees that in certain cases, as described in **Section 7.8.1** and **Section 7.8.2** of Florida's 2021 Regional Haze Plan, the equipment life estimates, interest rates used, and certain cost items included in the initial analyses were not justified; where the estimated cost-effectiveness values were reasonably close to being cost-effective, the Department updated the analyses with a 30-year lifetime, a 3.25% bank prime interest rate, and removed any cost items that were not justified. The Department did not revise calculations for control costs where the revised costs would still be significantly above a reasonable cost-effectiveness threshold. The Department also conferred with EPA regional and federal staff on the cost-effectiveness values throughout the document development.

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](#).

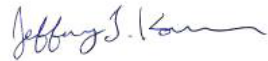
All documents are submitted for adoption into the nonregulatory portion of the SIP in 40 CFR 52.520, Table (e).

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



REGION 4 ADMINISTRATOR

ATLANTA, GA 30303

March 7, 2024

Jeffery F. Koerner, Director
Division of Air Resource Management
Florida Department of Environmental Protection
Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Dear Mr. Koerner:

Thank you for your letter dated January 19, 2024, transmitting a prehearing supplemental package regarding Florida's Regional Haze Plan for the Second Implementation Period. This plan is the subject of a public hearing (if requested) scheduled for March 20, 2024, with written comments due by the close of business on March 8, 2024. The U.S. Environmental Protection Agency has completed its review of the submittal and offers the attached comments.

We look forward to continuing to work with you and your staff. If you have any questions, please have your staff contact Ms. Pearlene Williams-Miles at (404) 562-9144 or you may contact me directly at (404) 562-9104.

Sincerely,

JOEL HUEY

Digitally signed by JOEL
HUEY
Date: 2024.03.07 14:49:25
-05'00'

Joel Huey
Acting Branch Manager
Air Planning and Implementation Branch

cc: Hastings Read, Deputy Director, Division of Air Resource Management
Preston McLane, Program Administrator, Office of Business Planning
Elizabeth Rogers, Regulatory Planning Section Administrator, Office of Business Planning

**U.S. EPA Comments on Florida’s Prehearing Regarding the Regional Haze Plan
Amendment for the Second Implementation Period**

Key Comments

1. Section 51.211 of 40 Code of Federal Regulations (CFR) part 51, subpart K, requires the State Implementation Plan (SIP) to provide for legally enforceable procedures for requiring owners or operators of stationary sources to maintain records of and periodically report to the state (a) emissions information and (b) other information as may be necessary to enable the state to determine whether the sources are in compliance with applicable portions of the control strategy. See also Clean Air Act 110(a)(2)(F). Please identify the periodic reporting requirements of either the existing Florida SIP or proposed for incorporation into the SIP that satisfy this requirement for the following units:
 - WestRock Fernandina Beach Mill – No. 7 Power Boiler
 - WestRock Panama City Mill – Nos. 1 and 2 Recovery Boilers and Nos. 3 and 4 Combination Boilers
 - JEA Northside – No. 3 Boiler and Nos. 1 and 2 Circulating Fluidized Bed (CFB) Boilers
 - Georgia-Pacific Foley Mill – No. 1 Power Boiler; Nos. 1 and 2 Bark Boilers; and Nos. 2-4 Recovery Furnaces
2. For Georgia-Pacific Foley Mill, the Wet Venturi scrubber for the No. 1 Bark Boiler is required to be operated whenever low volume high concentration non-condensable gas or oil is being fired. Please identify the recordkeeping provisions that will ensure practicable enforceability of this requirement.
3. For Westrock Panama City Mill, the Nos. 3 and 4 Combination Boilers are subject to a sulfur content limit of 0.75 percent for fuel oil #2. Please identify associated recordkeeping requirements and permit conditions proposed for incorporation into the SIP that explain how the source will verify compliance with this limit.
4. For JEA Northside, the Nos. 1 and 2 CFB Boilers are subject to a sulfur dioxide (SO₂) emission limit of 0.20 pound per million British thermal units based on a heat input-weighted 30-boiler operating day rolling average, as determined by a continuous emission monitoring system (CEMS). The permit condition provides that compliance will be demonstrated as determined in 40 CFR 63.10021(a) and (b). Please identify permit conditions proposed for incorporation into the SIP or other SIP requirements that require ongoing recordkeeping of the CEMS data used to determine compliance with the SO₂ emission limit to ensure that the limit is practicably enforceable.¹

General Comment

1. Paragraph 2.1(b) of Appendix V to 40 CFR Part 51 requires that the plan submission shall include “Evidence that the State has adopted the plan in the State code or body of regulations;

¹ Note also that Duke Crystal River Units 4 and 5 and Seminole Generating Station Units 1 and 2 have the same SO₂ emission limits and compliance determination methodology using CEMS and citing to 40 CFR 63.10021(a) and (b). Recordkeeping and reporting for these sources may also need clarification.

or issued the permit, order, consent agreement (hereafter 'document') in final form." The permit for WestRock Panama City Mill appears to be a draft permit. Please ensure that the permit is finalized prior to final submission of the SIP revision to the EPA.

**U.S. Environmental Protection Agency (EPA) Supplemental Comments for Florida Regarding
the Regional Haze Plan Amendment for the Second Implementation Period**

Other Comments

1. **Georgia-Pacific Foley Mill (Foley), Appendix A-1, Administrative File, P. 13:** Please confirm whether “EU003 No. 2 Power Boiler” and “EU019 No. 2 Bark Boiler” are intended to be listed under “Affected Units” for Foley as they are not included in the four-factor analysis (FFA) and EU019 was exempted from FFA review as noted on page 16 of the Prehearing File.
2. **JEA Northside Units 1 and 2, Appendix A-4, Administrative File, P. 25:** The first sentence for Appendix A-4 of the Administrative File appears to be referring to units at WestRock Fernandina Beach Mill (shown in **bold**): *“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...”*
3. **JEA Northside Unit 3, Appendix A-5, Administrative File, P. 26:** Please clarify whether Section 3, Subsection A, Specific Condition 2 or Section 3, Subsection A, Specific Condition 7 correlating to Permit Number 0310045-062-AC is being proposed for approval into the State Implementation Plan (SIP).
4. **WestRock Fernandina Beach Mill, Administrative File, PP. 22, 30:**
 - a. Please confirm which Appendix in the Administrative File is relevant for the No. 7 Power Boiler at WestRock Fernandina Beach Mill: Appendix A-2 on page 22 or Appendix A-8 on page 30 or both.
 - b. Permit number 089003-074-AC and 0890003-072-AC address No. 7 Power Boiler only and do not establish requirements for No. 5 Power Boiler and the No. 4 and 5 Recovery Boilers similarly as Permit number 0890003-046-AC, approved in the SIP July 3, 2017 (82 FR 30749). Please verify permit numbers and citations in Appendix A-2 and A-8.
 - c. For clarity, consider inserting in Appendix A-8 the phrasing inadvertently placed under JEA Units 1 and 2 addressing the status of the three other units evaluated at the Mill (*“The Department has determined that the existing measures at the No. 5 Power Boiler and the Nos. 4 and 5 Recovery Boilers are necessary for reasonable progress...”*) (See Other Comment 2.)
 - d. Consider whether bullet 1 on page 3 of the Prehearing File¹ is no longer necessary given that sulfur dioxide (SO₂) emissions limits and supporting

¹ Bullet 1 on page 3 of the Prehearing File: *An air construction permit for WestRock Fernandina Beach (Permit Number. 0890003-074-AC) to add monitoring and recordkeeping requirements on coal consumption which were not included in the permit included in Florida’s 2021 submittal (see Appendix A-2)...*

conditions are already incorporated into the Florida SIP for the Nos. 5 and 7 Power Boilers and the Nos. 4 and 5 Recovery Boilers.²

5. **Nutrien White Springs (Nutrien), Prehearing File, P. 6:** The statement related to Nutrien on page 6³ appears no longer necessary given the statement on page 27 in Appendix A-6 of the Administrative File that emissions limits and supporting conditions are already in the Florida SIP for EU066 and EU067.
6. **Interest Rates, Prehearing File:**
 - a. **P. 12:** Consider the following minor clarification to the statement on page 12 of the prehearing file to reflect that the EPA *Air Pollution Control Cost Manual* (Cost Manual) does not specify a set numerical interest rate: *WestRock used a 4.75% interest rate. This value is now closer to the current bank prime interest rate ~~than~~ ~~the values~~ recommended in the Cost Control Manual.*
 - b. **P. 20:** Consider the following minor revision to the statement on page 20 because the Cost Manual does not recommend using a five percent interest rate: *Capital costs were annualized based on a 5% interest rate and a 30-year life span ~~and 5% interest rate~~ as outlined in EPA's DRAFT EPA SO₂ and Acid Gas Control Cost Manual.*

² Consider whether both entries for Appendix A-2 and A-8 in the table on page 3 of the Prehearing file are needed if one is intended to replace the other.

³ Prehearing File, P. 6: *The Department has also updated information for Nutrien White Springs to include monitoring, recordkeeping, and reporting requirements applicable to that source.*

Response to EPA Comments

EPA Key Comment 1: Section 51.211 of 40 CFR part 51, subpart K, requires the State Implementation Plan (SIP) to provide for legally enforceable procedures for requiring owners or operators of stationary sources to maintain records of and periodically report to the state (a) emissions information and (b) other information as may be necessary to enable the state to determine whether the sources are in compliance with applicable portions of the control strategy. See also CAA 110(a)(2)(F). Please identify the periodic reporting requirements of either the existing Florida SIP or proposed for incorporation into the SIP that satisfy this requirement for the following units:

- WestRock Fernandina – No. 7 Power Boiler
- JEA Northside – No. 3 Boiler and Nos. 1 and 2 Circulating Fluid Bed (CFB) Boilers
- Georgia-Pacific Foley Mill – No. 1 Power Boiler; Nos. 1 and 2 Bark Boilers; and Nos. 2-4 Recovery Furnaces

Response: Please see the supplemental table below which summarizes the applicable emissions limitation, recordkeeping and reporting permit conditions for the Georgia-Pacific Foley Mill, which were not included in the Department’s Part I Supplement. Rule 62-210.370, Florida Administrative Code (F.A.C.) requires annual reporting of fuel records and is a SIP-based rule for all Florida facilities.

FACILITY	PERMIT NUMBER	SIP REFERENCE	CONDITION	Comments
Foley Mill	1230001-121-AC	2024 RH SIP Addendum 62-210.370(3), F.A.C. Annual Operating Report for Air Pollutant Emitting Facility- Existing SIP	<p>Number 1 Power Boiler</p> <p>Specific Condition 8 Authorized Fuels Specific Condition 9 Maximum Sulfur Content Specific Condition 11 Fuel Sulfur Methods Specific Condition 13 Fuel Deliveries Specific Condition 14 Fuel Firing Records</p> <p>Numbers 1 and 2 Bark Boilers</p> <p>Specific Condition 15 Authorized Fuels Specific Condition 16 Maximum Sulfur Content Specific Condition 18 Wet Venturi Scrubber Specific Condition 20 Fuel Sulfur Methods Specific Condition 21 Fuel Oil Analysis Specific Condition 22 Wet Scrubber Parameter Monitoring Specific Condition 23 Fuel Deliveries Specific Condition 24 Fuel Firing Records Specific Condition 25 Wet Scrubber Parameter Recordkeeping</p> <p>Numbers 2-4 Recovery Furnaces</p> <p>Specific Condition 2 Authorized Fuels Specific Condition 3 Maximum Fuel Sulfur Content Specific Condition 4 SO2 Emissions Caps Specific Condition 5 Fuel Sulfur Methods Specific Condition 6 Fuel Oil Analysis Specific Condition 7 SO2 CEMS Specific Condition 8 Fuel Deliveries</p>	

			<p>Specific Condition 9 Fuel Firing Records</p> <p>62-210.370(3) Annual Operating Report for Air Pollutant Emitting Facility.</p> <p>(a) The Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be completed each year for the following facilities: 1. All Title V sources. 2. All synthetic non-Title V sources. 3. All facilities with the potential to emit ten (10) tons per year or more of volatile organic compounds or twenty-five (25) tons per year or more of nitrogen oxides and located in an ozone nonattainment area or ozone air quality maintenance area. 4. All facilities for which an annual operating report is required by rule or permit.</p> <p>(b) Notwithstanding Rule 62-210.370(3)(a), F.A.C., no annual operating report shall be required for any facility operating under an air general permit.</p> <p>(c) The annual operating report shall be submitted to the appropriate Department of Environmental Protection (DEP) division district or DER-approved local air pollution control program office by March 1 of the following year.</p> <p>(d) Beginning with 2007 annual emissions, emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C., for purposes of the annual operating report.</p>	
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EPA Key Comment 2: For Georgia-Pacific Foley Mill, the Wet Venturi scrubber for No. 1 Bark Boiler is required to be operated whenever LVHC-NCG or oil is being fired. Please identify the recordkeeping provisions that will ensure practicable enforceability of this requirement.

DEP Response: Specific Conditions 22 (Wet Scrubber Parameter Monitoring) and 25 (Wet Scrubber Parameter Recordkeeping) of Permit Number 1230001-121-AC contain the requirements that ensure practical enforceability whenever LVHC-NCG or oil is being fired.

EPA Key Comment 3: For Westrock Panama City Mill, the Nos. 3 and 4 Combination Boilers are subject to a sulfur content limit of 75% for fuel oil #2. Please identify associated recordkeeping requirements and permit conditions proposed for incorporation into the SIP that explain how the source will verify compliance with this limit.

Response: On October 18, 2024, the Department provided to EPA documentation of the extent of on-site equipment destruction and deterioration at the WestRock Panama City Mill in a Departmental inspection report dated October 10, 2024; information regarding the WestRock Panama City Mill has accordingly been removed from Florida’s Regional Haze SIP submittal.

EPA Key Comment 4: For Mosaic South Pierce, Nos. 10 and 11 sulfuric acid plants (SAP) are subject to a sulfur dioxide (SO₂) emissions cap of 750 lbs SO₂ per hour, except when SAPs are not operating. Please identify permit conditions proposed for incorporation into the SIP that require ongoing recordkeeping of the continuous emission monitoring system (CEMS) data used to determine compliance with the SO₂ emissions cap to ensure that the cap is practicably enforceable.

Response: Recordkeeping for a CEMS is required for affected facilities under subparagraph 62-210.370(2)(h), F.A.C. – which is currently included in Florida’s approved State Implementation Plan (SIP). Specific conditions related to this facility were included in the Regional Haze

Supplemental SIP for information purposes only, as they have already been approved by EPA on August 4, 2023 as a component of Florida’s Startup, Shutdown, and Malfunction SIP.

EPA Key Comment 5: For JEA Northside, Nos. 1 and 2 CFB Boilers are subject to a 0.20 lb/MMBtu SO₂ limit based on a heat input-weighted 30-boiler operating day rolling average, as determined by CEMS. The permit condition provides that compliance will be demonstrated as determined in 40 CFR 63.10021(a) and (b). Please identify permit conditions proposed for incorporation into the SIP or other SIP requirements that require ongoing recordkeeping of the CEMS data used to determine compliance with the SO₂ limit to ensure that the limit is practicably enforceable.¹

Response: Recordkeeping for CEMS is required for affected facilities under subparagraph 62-210.370(2)(h), F.A.C. – which is included in Florida’s SIP.

EPA General Comment 1: 40 CFR Appendix V to Part 51 2.0.2.1.(b) states, “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.” The permit for WestRock Panama City appears to be a draft permit. Please ensure that the permit is finalized prior to final submission of the SIP revision to EPA.

Response: Permit Number 0050009-047-AC, originally found in **Appendix A-2**, is a final permit issued on June 7, 2023. The Appendix A cover sheet inadvertently listed it as draft. On October 18, 2024, the Department provided to EPA documentation of the extent of on-site equipment destruction and deterioration at the WestRock Panama City Mill in a Departmental inspection report dated October 10, 2024; information regarding the WestRock Panama City Mill has accordingly been removed from Florida’s Regional Haze SIP submittal.

EPA Other Comment 1:

Georgia-Pacific Foley Mill (Foley), Appendix A, Administrative File, P.13:
Please confirm whether “EU003 No. 2 Power Boiler” and “EU019 No. 2 Bark Boiler” are intended to be listed under “Affected Units” for Foley as they are not included in the four-factor analysis (FFA) and EU019 was exempted from FFA review as noted on page 16 of the Prehearing File.

Response: Under EPA’s Regional Haze Rule, facilities were required to demonstrate reasonable progress requirements by either incorporating SO₂ limits representing effective controls or incorporating SO₂ limits or measures resulting from a four-factor analysis (FFA). EU003 Number 2 Power Boiler is permitted to fire only natural gas and SO₂ emissions are much less than the five tons per year (TPY). It will be removed from this section of the final submittal. EU019 Number 2 Bark Boiler is permitted to fire only wood material and natural gas except for periods of natural gas curtailment, pipeline disruptions, or physical mill problems that would otherwise prevent the firing of natural gas. During such events, liquid fuels from the common tank may be fired. For this reason, EU003 Number 2 Bark Boiler is listed as an affected unit.

EPA Other Comment 2:

JEA Northside Units 1 and 2, Appendix A-4, Administrative File, P.25:

The first sentence for Appendix A-4 of the Administrative File appears to be referring to units at WestRock Fernandina Beach Mill shown in **bold**: *“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...”*

Response: The sentence will be corrected to reference the circulating fluidized bed Boilers Number 1 and 2 in the final submittal.

EPA Other Comment 3:

JEA Northside Units 3, Appendix A-5, Administrative File, P.26:

Please clarify whether Section 3, Subsection A, Specific Condition 2 or Section 3, Subsection A, Specific Condition 7 correlating to Permit Number 0310045-062-AC is being proposed for approval into the SIP.

Response: The sentence will be corrected to reference Specific Condition 7 in the final submittal.

EPA Other Comment 4.a.:

WestRock Fernandina Beach Mill, Administrative File, PP. 22, 30:

- a. Please confirm which Appendix in the Administrative File is relevant for the No. 7 Power Boiler at WestRock Fernandina Beach Mill: Appendix A-2 on page 22 or Appendix A-8 on page 30 or both.

Response: Both are relevant. Appendix A contains Permit Number 0890003-072-AC, which contains Specific Conditions 2, 3 and 4. Appendix A-6 contains Permit Number 0890003-074-AC, which contains Specific Condition 5. (These refer to Appendices found in the Part I Supplemental document.)

EPA Other Comment 4.b.:

WestRock Fernandina Beach Mill, Administrative File, PP. 22, 30:

- b. Permit number 089003-074-AC and 0890003-072-AC address No. 7 Power Boiler only and do not establish requirements for No. 5 Power Boiler and the No. 4 and 5 Recovery Boilers similarly as Permit number 0890003-046-AC, approved in the SIP July 3, 2017 (82 FR 30749). Please verify permit numbers and citations in Appendix A and A-6.

Response: Please see the attached table which summarizes the permit requirements associated with this submittal. Florida’s 2021 Regional Haze Plan submittal discussed emissions from the Number 5 Power Boiler as well as Numbers 4 and 5 Recovery Boilers in the four-factor analysis,

concluding that additional control installation was not considered to be cost-effective and not necessary for reasonable progress.

EPA Other Comment 4.c.:

WestRock Fernandina Beach Mill, Administrative File, PP. 22, 30:

c. For clarity, consider inserting in Appendix A-8 the phrasing inadvertently placed under JEA Units 1 and 2 addressing the status of the three other units evaluated at the Mill (*'The Department has determined that the existing measures at the No. 5 Power Boiler and the Nos. 4 and 5 Recovery Boilers are necessary for reasonable progress...'*)

Response: Please see the response to comments above.

EPA Other Comment 4.d.:

WestRock Fernandina Beach Mill, Administrative File, PP. 22, 30:

d. Consider whether bullet 1 on page 3 of the Prehearing File² is no longer necessary given that sulfur dioxide emissions limits and supporting conditions are already incorporated into the Florida SIP for the Nos. 5 and 7 Power Boilers and the Nos. 4 and 5 Recovery Boilers.³

Response: In Florida's 2021 Regional Haze Plan submittal, the Department noted that monitoring and recordkeeping requirements for Power Boiler Number 7 would be submitted in a future Regional Haze Supplemental submittal. Emission limits for the other units were never part of Florida's Regional Haze planning documentation.

EPA Other Comment 5:

Nutrien White Springs, Prehearing File, P.6:

The statement related to Nutrien on page 64 appears no longer necessary given the statement on page 27 in Appendix A-6 of the Administrative File that emissions limits and supporting conditions are already in the Florida SIP for EU066 and EU067.

Response: This permit condition summary was provided for informational purposes only, as noted in the text.

EPA Other Comment 6.a.:

Interest Rates, Prehearing File:

a. **P12:** Consider the following minor clarification to the statement on page 12 of the prehearing file to reflect that the EPA *Air Pollution Control Cost Manual* does not specify a set numerical interest rate: *WestRock used a 4.75% interest rate. This value is now closer to the current bank prime interest rate ~~than the value~~ as recommended in the Cost Control Manual.*

Response: Acknowledged.

EPA Other Comment 6.b.:

Interest Rates, Prehearing File:

b. **P.20:** Consider the following minor revision to the statement on page 20 because the Cost Manual does not recommend using a five percent interest rate: *Capital costs were annualized based on a 5% interest rate and a 30-year life span and 5% interest rate as outlined in EPA's DRAFT EPA SO₂ and Acid Gas Control Cost Manual.*

Response: Acknowledged.

Footnotes to EPA Comments:

¹ Note also that Duke Crystal River Units 4 and 5; and Seminole Generating Station Units 1 and 2 have the same SO₂ limits and compliance determination methodology using CEMS and citing to 40 CFR 63.10021(a) and (b). Recordkeeping and reporting for these sources may also need clarification.

² Bullet 1 on page 3 of the Prehearing File: *An air construction permit for WestRock Fernandina Beach (Permit Number. 0890003-074-AC) to add monitoring and recordkeeping requirements on coal consumption which were not included in the permit included in Florida's 2021 submittal (see Appendix A-2)...*

³ Consider whether both entries for Appendix A-2 and A-8 in the table on page 3 of the Prehearing file are needed if one is intended to replace the other.

⁴ Prehearing File, P6: *The Department has also updated information for Nutrien White Springs to include monitoring, recordkeeping, and reporting requirements applicable to that source.*