

**STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**PROPOSED REVISION TO  
STATE IMPLEMENTATION PLAN**



**Submittal Number 2024-01**

**SUPPLEMENT TO  
FLORIDA REGIONAL HAZE PLAN**

**Final Submittal**

**June 14, 2024**

**TABLE OF CONTENTS**

**Executive Summary ..... 3**

**Introduction.....3**

**SIP Submittal Package .....3**

**SIP Development Process .....5**

**Response to 40 CFR Part 51, Appendix V, Criteria ..... 7**

**Administrative Materials .....7**

**Technical Support.....9**

**Exceptions .....10**

**Materials to be Incorporated into the SIP ..... 11**

**Appendix A-1 – WestRock Fernandina Beach Mill (Permit No. 0890003-074-AC)..11**

**Appendix A-2 – JEA Northside Units 1 and 2 (Permit No. 0310045-059-AC).....12**

**Appendix A-3 – JEA Northside Unit 3 (Permit No. 0310045-062-AC).....12**

**Material Submitted for Informational Purposes Only ..... 13**

**Appendix A-4 – Nutrien White Springs (Permit No. 0470002-132-AC).....13**

**Appendix A-5 – Mosaic South Pierce (Permit No. 1050055-037-AC).....14**

**Appendix A-6 – WestRock Fernandina Beach Mill (Permit No. 0890003-046-AC)..15**

**Materials to be Removed From the SIP..... 19**

**Legal Authority ..... 19**

**Public Participation ..... 22**

**Response to 40 CFR 51.102 Requirements.....22**

**Notice of Opportunity to Submit Comments and Participate in Public Hearing.....24**

**Local Program and District Office Assistance to the Public.....26**

**Notifications to Other States and Federal Land Managers .....28**

**Federal Land Managers Comments on Pre-Draft SIP.....37**

**DEP Response to Federal Land Managers Comments .....39**

**Public Comments on Pre-Hearing Notice.....40**

**DEP Response to Public Comments.....41**

**Pre-Hearing Submittal to EPA ..... 46**

**Pre-Hearing Submittal Letter.....46**

**EPA Comments on Pre-Hearing Submittal.....49**

**DEP Response to EPA Comments.....54**

## PROPOSED REVISION TO STATE IMPLEMENTATION PLAN

### Final Submittal Number 2024-01 Supplement to Florida Regional Haze Plan

#### Executive Summary

#### Introduction

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

#### SIP Submittal Package

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

- 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 SO<sub>2</sub>/MMBtu (MATS) limit for JEA Northside Units 1 and 2 to supplement and strengthen the facility's proposed SO<sub>2</sub> limits in the original SIP submission;
- Additional monitoring, reporting and recordkeeping requirements for JEA Unit 3 and the WestRock Fernandina Beach No. 7 power boiler.
- ***For Informational Purposes Only:*** Monitoring, recordkeeping and reporting requirements for SAPs E and F at the Nutrien facility (codified in Florida's SIP through Florida's Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702). (Permit No. 0470002-132-AC is included in **Appendix A-4** for informational purposes only.)
- ***For Information Purposes Only:*** An air construction permit for Mosaic South Pierce (SAPs 10 and 11) codifying SO<sub>2</sub> limits consistent with an effective controls demonstration (codified in Florida's SIP through Florida's Supplemental SSM SIP as

approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702). (Permit No. 1050055-037-AC is included in **Appendix A-5** for informational purposes only.)

- **For Informational Purposes Only:** As noted in Section 7.8.2 of Florida’s 2021 Regional Haze Plan, process changes made in 2016 and 2017 to emission units at WestRock Fernandina Beach for demonstrating compliance with the 2010 1-Hour Primary SO<sub>2</sub> NAAQS resulted in decreased emissions. These process changes formed the basis for emissions limits included in Florida’s SO<sub>2</sub> Nonattainment Area Plan for Nassau County, which EPA approved on September 30, 2016 (81 FR 67179). (SO<sub>2</sub> emissions for the No. 5 Power Boiler dropped from 550 pounds per hour (lb/hr) to 15 lb/hr after process changes detailed in Florida’s SO<sub>2</sub> Nassau County Nonattainment Area Plan.)

WestRock Fernandina Beach did, however, prepare four-factor analyses for each of these units. Florida included these four-factor analyses in its 2021 Regional Haze Plan submittal. For the No. 5 Power Boiler, the Department determined that installing a wet scrubber or dry sorbent injection (DSI) system would not be cost-effective and, therefore, determined that these controls are not necessary for reasonable progress. Likewise, for the Nos. 4 and 5 Recovery Boilers, the Department determined that a flue gas desulfurization (FGD) system would not be cost-effective and, therefore, determined that these controls are not necessary for reasonable progress. The Department has, however, determined that the existing control measures applicable to the No. 5 Power Boiler and the Nos. 4 and 5 Recovery Boilers, which Florida included in its SO<sub>2</sub> Nonattainment Area Plan for Nassau County, and which EPA approved into Florida’s SIP on July 3, 2017 (82 FR 30749) **are necessary** for reasonable progress, and that those emissions limits and associated supporting conditions previously adopted into Florida’s SIP should also be included in Florida’s Regional Haze Plan. (For informational purposes, Florida has attached in **Appendix A-6** to this SIP submittal Air Construction Permit No. 0890003-046-AC, which the Department issued to Westrock Fernandina Beach on January 9, 2015.)<sup>1</sup>

Please note that due to the permanent retirement of the WestRock Panama City Mill and the Georgia-Pacific Foley Mill, the Department has removed the following elements from Florida’s Pre-Hearing Regional Haze SIP Submittal.

- A four-factor analysis for WestRock Panama City Mill;
- An air construction permit for WestRock Panama City Mill (Permit No. 0050009-47-AC) based on the results of the four-factor analysis;
- A four-factor analysis for Georgia-Pacific Foley Mill;

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<sup>1</sup> The Department inadvertently inserted Permit No. 00890003-072-AC into the Pre-Hearing Regional Haze Supplemental SIP as the “For Informational Purposes Only” permit. Permit No. 00890003-072-AC is pending approval in the Department’s 2021 Regional Haze SIP submittal. The permit that was meant to be included for informational purposes only was the permit associated with the Department’s Nassau County SO<sub>2</sub> Nonattainment Area SIP.

- 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 WestRock Panama City Mill and the Georgia-Pacific Foley Mill is provided in **Appendices C-1** and **C-2**.

The four appendices included in the submittal are listed below. These appendices are also available on the Department's [Regional Haze webpage](#).<sup>2</sup>

- Appendix A: Facility Permits and Documentation
- Appendix B: Four Factor Analyses
- Appendix C: Facility Closure Documentation
- Appendix D: Public Comments on the Pre-hearing SIP

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 SO<sub>2</sub> 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 analysis found in Appendix B is summarized in the document *"Supplement to Florida Regional Haze Plan for Second Implementation Period for Florida Class I Areas,"* which Florida is submitting to EPA concurrently with this SIP submittal.

## **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.

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<sup>2</sup> URL: <https://floridadep.gov/air/air/content/epa%E2%80%99s-regional-haze-program>.

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 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 the Final SIP submittal.

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

**Appendix A** contains the six air construction permits issued to five facilities addressing regional haze requirements (summarized in the table below). The specific conditions to be incorporated into the SIP are in the **Materials to be Incorporated into the SIP** section of this submittal. Conditions from three of these permits have already been incorporated into Florida’s SIP (codified into the SIP through Florida’s Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702 and Florida’s SO<sub>2</sub> Nonattainment Area Plan for Nassau County, as approved by EPA on July 3, 2017, 82 Fed. Reg. 30,757), and these permits are being submitted for informational purposes only. These permits are included in the **Materials Submitted for Informational Purposes Only** section of this submittal.

Please note that due to the permanent retirement of the WestRock Panama City Mill and the Georgia-Pacific Foley Mill, the permits that the Department included in Florida’s Pre-Hearing Regional Haze Supplemental SIP have been removed. Documentation of the permanent retirement of these two facilities is provided in **Appendices C-1** and **C-2**.

<b>Facility</b>	<b>Permit No.</b>	<b>Date Issued</b>	<b>Appendix</b>
WestRock Fernandina Beach Mill	0890003-074-AC	12/16/2021	Appendix A-1
JEA Northside Units 1 and 2	0310045-059-AC	02/16/2023	Appendix A-2
JEA Northside Unit 3	0310045-062-AC	08/24/2023	Appendix A-3
Nutrien White Springs ( <i>For Informational Purposes Only</i> )	0470002-132-AC	09/22/2022	Appendix A-4
Mosaic South Pierce ( <i>For Informational Purposes Only</i> )	1050055-037-AC	09/22/2022	Appendix A-5
WestRock Fernandina Beach Mill ( <i>For Informational Purposes Only</i> )	0890003-046-AC	01/09/2015	Appendix A-6

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

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

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

See the facility-specific air construction permits listed in the table above and contained in **Appendices A-1 through A-3**, which establish the SO<sub>2</sub> emissions limits and measures proposed for incorporation into Florida’s SIP. **Appendices A-4, A-5, and A-6** are submitted for informational purposes only.

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

State law (Section 120.525, F.S.) requires the Department to give notice of public meetings, hearings, and workshops by publication in the Florida Administrative Register (FAR) 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.

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

The Department has complied with all public notice requirements of 40 CFR 51.102. Copies of all relevant notices and notification emails are provided in the **Public Participation** section of this submittal.

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

Certification of compliance with all state and federal public notice and hearing requirements is provided in the “Letter of Submittal” that accompanies this submittal.



**h. Compilation of public comments and the State’ 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 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 (SO<sub>2</sub>).

**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 “Supplement to Florida Regional Haze Plan for Second Implementation Period for Florida Class I Areas,” which Florida is submitting to EPA concurrently with this SIP submittal.

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

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

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

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

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

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

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

Not Applicable.

### **Exceptions**

Not applicable.

## Materials to be Incorporated into the SIP

The materials proposed to be incorporated into Florida's SIP includes **Appendix A-1** through **A-3**. Note that Florida has included **Appendices A-4, A-5, and A-6** in this SIP submittal for informational purposes only, as the permit conditions reflected in those Appendices have already been incorporated into Florida's SIP (**Appendices A-4 and A-5** are codified into the SIP through Florida's Supplemental SSM SIP as approved by EPA on August 4, 2023, 88 Fed. Reg. 51,702, and **Appendix A-6** is codified into the SIP through Florida's Nassau County Nonattainment Area SIP as approved by EPA on July 3, 2017, 82 Fed. Reg. 30,749).

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, six air construction permits issued to five Florida facilities to meet reasonable progress requirements of the Regional Haze Rule, either by incorporating SO<sub>2</sub> limits representing effective controls or incorporating SO<sub>2</sub> limits or measures resulting from a full four-factor analysis.

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

Please note that due to the permanent retirement of the WestRock Panama City Mill, the permit included in the Department's Pre-Hearing Regional Haze Supplemental SIP has been removed. Documentation of the permanent retirement of this facility is provided in **Appendix C-1**.

Please note that due to the permanent retirement of the Georgia-Pacific Foley Mill, the permit included in the Department's Pre-Hearing Regional Haze Supplemental SIP has been removed. Documentation of the permanent retirement of this facility is provided in **Appendix C-2**.

### **Appendix A-1 – WestRock Fernandina Beach Mill (Permit No. 0890003-074-AC)**

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

- Section 3, Subsection A, Condition 5

#### Affected Units:

- EU 015 – No. 7 Power Boiler

#### **EU 015 – No. 7 Power Boiler**

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

Coal usage records be maintained as follows:

a. *Records*. For demonstrating compliance with the limitations on coal firing in Conditions **2 and 3**, the permittee shall record the daily and 30-day rolling average coal usage for the No. 7 Power Boiler in units of tons/day for each calendar day, excluding days when natural gas curtailment or supply interruption occurs as defined in Condition **B.3.c**. The 30-day rolling average shall be calculated as the arithmetic mean of the daily coal usage data for each proceeding 30 days during which there was not a natural gas curtailment or supply interruption. For purposes of the permit condition, the daily coal usage need not be recorded and the 30-day rolling average coal usage shall not be calculated for the days during which a natural gas curtailment or supply interruption occurred.

b. *Record Retention*. The permittee shall retain records in suitable format for inspection for a period of 5-years from the date they are collected and make available upon request to the Department.

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

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

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

- Section 3, Subsection A, Specific Condition 2

#### Affected Units:

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

**EU 026 – Circulating Fluidized Bed Boiler No. 2; and  
EU 027 – Circulating Fluidized Bed Boiler No. 1**

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

As determined by CEMS data, SO<sub>2</sub> emissions shall not exceed 0.20 lb/MMBtu based on a heat input-weighted 30-boiler operating day rolling average. Compliance shall be demonstrated as determined in 40 CFR 63.10021(a) and (b) of the MATS rule. [40 CFR 63.10021(a) & (b)]

*{Permitting Note: The above new SO<sub>2</sub> emission limit becomes effective upon issuance of a final permit.}*

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

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

The Department has determined that the existing measures at the No. 3 Boiler *are necessary* for reasonable progress and emissions limits and associated supporting conditions are required to be

adopted into Florida’s SIP. The Department is proposing that the following permit condition from Permit No. 0310045-062-AC, issued on August 24, 2023, to JEA Northside Unit 3, be incorporated into Florida’s SIP:

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

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

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

### **Material Submitted for Informational Purposes Only**

#### **Appendix A-4 – Nutrien White Springs (Permit No. 0470002-132-AC)**

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

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

#### Affected Units:

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

#### **EU 066 – “E” Sulfuric Acid Plant; and EU 067 – “F” Sulfuric Acid Plant**

SO<sub>2</sub> Emission Limit: Section 3, Subsection A, Specific Condition 3 (effective September 22, 2022) states:

Effective January 1, 2023, the following SO<sub>2</sub> emission cap applies to the combined CEMs-measured emissions from SAP E and SAP F: 840 lb/hr on 24-hour block averaging period (6:00 a.m. to 6:00 a.m.). The 24-hour block average (6:00 a.m. to 6:00 a.m.) does not include hours when both SAPs are not operating. [Rule 62-4.030, *General Prohibition*, F.A.C.; and, Rule 62-4.210, *Construction Permits*, F.A.C.; and Application No. 0470002-132-AC.]

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

These emission units shall use certified SO<sub>2</sub> CEMS data to demonstrate initial compliance with the SO<sub>2</sub> emission cap given in **Specific Condition 3** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 0470002-132-AC.]

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

The permittee shall keep records of the initial and ongoing compliance demonstrations. The records shall include the SO<sub>2</sub> CEMS data along with the sulfuric acid production rate (TPH, tons per hour). Any reports shall be prepared in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(10), F.A.C.; and Application No. 0470002-132-AC.]

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

The permittee shall use certified SO<sub>2</sub> CEMS data to demonstrate continuous compliance with the SO<sub>2</sub> emission cap given in **Specific Condition 3** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 0470002-132-AC.]

### **Appendix A-5 – Mosaic South Pierce (Permit No. 1050055-037-AC)**

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

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

#### Affected Units:

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

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

SO<sub>2</sub> Emission Limit: Section 3, Subsection A, Specific Condition 4 (effective September 22, 2022) states:

*SO<sub>2</sub> Emission Limit*: Effective April 1, 2023, the following SO<sub>2</sub> emission cap applies to the SAP Nos. 10 and 11: 750 lb SO<sub>2</sub>/hr on 24-hour block averaging period (6:00 a.m. to 6:00 a.m.). The 24-hour block average (6:00 a.m. to 6:00 a.m.) does not include hours when both SAPs are not operating.

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

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

*Initial Compliance*: These emission units shall use certified SO<sub>2</sub> CEMS data to demonstrate initial compliance with the SO<sub>2</sub> emission cap given in **Specific Condition 4** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 1050055-037-AC.]

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

The permittee shall keep records of the initial compliance demonstration. The records shall include the SO<sub>2</sub> CEMS data along with the sulfuric acid production rate (TPH, tons per hour) during the demonstration. Any reports shall be prepared in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(10), F.A.C.; and Application No. 1050055-038-AC.]

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

The permittee shall use certified SO<sub>2</sub> CEMS data to demonstrate continuous compliance with the SO<sub>2</sub> emission cap given in **Specific Condition 4** of this subsection. [Rules 62-4.070(1) & (3), *Reasonable Assurance*, F.A.C.; and Application No. 1050055-037-AC.]

### **Appendix A-6 – WestRock Fernandina Beach Mill (Permit No. 0890003-046-AC)**

The Department is including the following permit conditions from Permit No. 0890003-046-AC, issued on January 9, 2015, to WestRock Fernandina Beach Mill, **for informational purposes only** as they have already been incorporated into Florida’s SIP (codified into the SIP through Florida’s Nassau County Nonattainment Area SIP as approved by EPA on July 3, 2017, 82 Fed. Reg. 30,749):

- Section 3, Subsection A, Conditions 1, 2, 3, 4 and 5
- Section 3, Subsection C, Conditions 2, 3, 4 and 5

#### Affected Units:

- EU 006 – No. 5 Power Boiler
- EU 007 and 011 – Nos. 4 and 5 Recovery Boiler

### **EU 006 No. 5 Power Boiler**

Authorized Fuels: Section 3, Subsection A, Specific Condition 1 (effective January 31, 2016) states:

Effective January 31, 2016, the No. 5 Power Boiler shall no longer fire No. 6 fuel oil. [Rules 62-4.070(3) and 62-4.080, F.A.C.; SO<sub>2</sub> Attainment SIP]

Operation as Backup NCGs Control Device for the No. 4 Lime Kiln: Section 3, Subsection A, Specific Condition 2 (effective December 1, 2017) states:

Effective December 1, 2017, the No. 5 Power Boiler is prohibited from use as a backup NCGs control device unless otherwise approved by the Division of Air Resource Management. As part of a request for approval, RockTenn shall submit an engineering analysis that provides reasonable assurance that the No. 5 Power Boiler can comply with the SO<sub>2</sub> emissions standard specified in **Specific Condition 3** of this subsection while combusting NCGs. The engineering analysis shall include pertinent operational and technical information including but not limited to: white liquor scrubber design details, design and actual total reduced sulfur (TRS) compounds removal efficiency of white liquor scrubber, expected and maximum TRS concentration in NCGs stream, restrictions

on boiler fuels and firing rates when operating as a backup control device, etc. [Rules 62-4.070(3) and 62-4.080, F.A.C.; SO<sub>2</sub> Attainment SIP]

SO<sub>2</sub> Emissions Standard: Section 3, Subsection A, Specific Condition 3 (effective January 31, 2016) states:

Effective January 31, 2016 through November 30, 2017, SO<sub>2</sub> emissions from the No. 5 Power Boiler shall not exceed 15.0 lb/hour based on a 3-hour block average as determined by data collected from a continuous emissions monitoring system (CEMS), during all periods of operation except when operating as a backup control device firing NCGs. Effective December 1, 2017, SO<sub>2</sub> emissions from the No. 5 Power Boiler shall not exceed 15.0 lb/hour based on a 3-hour block average as determined by data collected from a CEMS during all periods of operation. The CEMS shall be measuring and recording in units of the SO<sub>2</sub> emissions standard by the first effective date for this new emissions standard. Compliance with this new emissions standard will ensure compliance with the SO<sub>2</sub> emissions standard established in Permit No. 0890003-018-AC, which resulted in an exemption from the requirements of Best Available Retrofit Technology (BART) pursuant to Rule 62-296.340, F.A.C.

*{Permitting Note: This new emissions standard reduces SO<sub>2</sub> emissions and ambient impacts in and around the SO<sub>2</sub> non-attainment area in Nassau County.}*

[Rules 62-4.070(3) and 62-4.080, F.A.C.; SO<sub>2</sub> Attainment SIP]

Emissions Reporting: Section 3, Subsection A, Specific Condition 4 (effective January 31, 2016) states:

Within one business day of occurrence, the permittee shall notify the Compliance Authority of any exceedance of the SO<sub>2</sub> emissions standard. Within 15 days of occurrence, the permittee shall submit a report to the Compliance Authority detailing the exceedance, identifying the likely cause, describing any corrective actions taken, and noting when the unit was returned to compliance. [Rules 62-4.070(3) and 62-4.130, F.A.C.; SO<sub>2</sub> Attainment SIP]

Other Requirements: Section 3, Subsection A, Specific Condition 5 (effective January 31, 2016) states:

For additional recordkeeping, reporting, and notification requirements, see Appendix B (General Conditions), Appendix C (Common Testing Requirements) and Appendix D (Standard CEMS Requirements). [Rules 62-4.070(3) and 62-4.130, F.A.C.]

### **EU 007 and EU 011 Nos. 4 and 5 Recovery Boilers**

SO<sub>2</sub> Emission Standard: Section 3, Subsection C, Specific Condition 2 (effective January 31, 2016) states:

Effective January 1, 2018, SO<sub>2</sub> emissions from each recovery boiler shall not exceed 150.0 lb/hour based on a 3-hour block average as determined by data collected from a certified CEMS or other methods approved by the Division of Air Resource Management. Alternatively, the permittee may elect to comply with the following combined SO<sub>2</sub> emissions cap: Effective January 1, 2018, combined SO<sub>2</sub> emissions from



the Nos. 4 and 5 recovery boilers shall not exceed 300.0 lb/hour based on a 3-hour block average as determined by data collected from a certified CEMS. Note that compliance with the combined SO<sub>2</sub> emissions cap must be demonstrated by certified CEMS data. *{Permitting Note: This new emissions standard reduces SO<sub>2</sub> emissions and ambient impacts in and around the SO<sub>2</sub> non-attainment area in Nassau County.}*  
[Rules 62-4.070(3) and 62-4.080, F.A.C.; SO<sub>2</sub> Attainment SIP]

SO<sub>2</sub> Compliance Demonstration: Section 3, Subsection C, Specific Condition 3 (effective January 31, 2016) states:

a. *SO<sub>2</sub> CEMS.* Unless otherwise approved by the Division of Air Resource Management, compliance with the SO<sub>2</sub> emissions standard shall be demonstrated by data collected from a certified CEMS. The permittee shall install, calibrate, maintain and operate a CEMS on each recovery boiler to measure and record SO<sub>2</sub> emissions and exhaust flow for reporting in units of the applicable standard. Emissions shall be monitored and recorded during all periods of recovery boiler operation including startup, shutdown and malfunction. The permittee shall install and operate the CEMS in accordance with the applicable performance specifications, quality assurance procedures, and quality control requirements summarized in Appendix D (Standard CEMS Requirements) of this permit. If the permittee elects the combined SO<sub>2</sub> emissions cap, compliance must be demonstrated with CEMS data. The CEMS shall be measuring and recording valid data in units of the SO<sub>2</sub> emissions standard by January 1, 2018.

b. *Periodic Emissions Testing Plus Parametric Monitoring:* The permittee may elect to complete the physical improvements to the combustion air systems early. This would allow time to conduct engineering tests to gather critical SO<sub>2</sub> emissions data, fuel firing data, and other operational data to establish the SO<sub>2</sub> emissions profile for each unit to identify key parameters that ensure a stable combustion and recovery process. If able to identify a strong relationship between SO<sub>2</sub> emissions and key operating parameters, the permittee may request approval of a combination of periodic compliance testing (e.g., quarterly stack tests that collect 24-hours of continuous data) plus continuous parametric monitoring as an alternative to the installation and operation of a certified CEMS.  
[Rules 62-4.070(3) and 62-4.080, F.A.C.; SO<sub>2</sub> Attainment SIP]

Emissions Reporting: Section 3, Subsection C, Specific Condition 4 (effective January 31, 2016) states:

Within one business day of occurrence, the permittee shall notify the Compliance Authority of any exceedance of the SO<sub>2</sub> emissions standard. Within 15 days of occurrence, the permittee shall submit a report to the Compliance Authority detailing the exceedance, identifying the likely cause, describing any corrective actions taken, and noting when the unit was returned to compliance. [Rules 62-4.070(3) and 62-4.130, F.A.C.; SO<sub>2</sub> Attainment SIP]

Other Requirements: Section 3, Subsection C, Specific Condition 5 (effective January 31, 2016) states:

For additional recordkeeping, reporting, and notification requirements, see Appendix B (General Conditions), Appendix C (Common Testing Requirements) and Appendix D (Standard CEMS Requirements). [Rules 62-4.070(3) and 62-4.130, F.A.C.]

## Materials to be Removed From the SIP

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

## Legal Authority

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

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

- [403.031](#) Definitions, including the definition of “regulated air pollutant” (403.031(19)).
- [403.061](#) Authority to: promulgate plans to provide for air quality control and pollution abatement (403.061(1)); adopt rules for the control of air pollution in the state (403.061(7)); take enforcement action against violators of air pollution laws, rules and permits (403.061(8)); establish and administer an air pollution control program (403.061(9)); set ambient air quality standards (403.061(11)); monitor air quality (403.061(12)); require reports from air pollutant emission sources (403.061(13)); require permits for construction, operation, and modification of air pollutant emission sources (403.061(14)); and exercise the duties, powers, and responsibilities required of the state under the federal Clean Air Act (403.061(35)).
- [403.087](#) Authority to issue, deny, modify, and revoke permits.
- [403.0872](#) Authority to establish an air operating permit program as required by Title V of the Clean Air Amendments of 1990.
- [403.0877](#) Authority to require engineering certification of permit applications.
- [403.121](#) Authority to seek judicial and administrative remedies for violations.
- [403.131](#) Authority to seek injunctive relief for violations.
- [403.141](#) Authority to find civil liability for violations.
- [403.161](#) Authority to assess civil and criminal penalties for violations.

- [403.182](#) Authority for local pollution control programs.
- [403.201](#) Authority to grant variances.
- [403.8052](#) Authority to establish a Small Business Assistance Program for small-business sources of air pollutant emissions.
- [403.8055](#) Authority to adopt U.S. Environmental Protection Agency (EPA) standards by reference through a fast-track process.
- [403.814](#) Authority to allow use of general permits (permits-by-rule) for minor sources.

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

- [112.3143](#) Requirement that public officials disclose potential conflicts of interest.
- [112.3144](#) Requirement for disclosure of financial interests by public officials.
- [120.569](#) Authority of agency head to issue an emergency order in response to an immediate threat to public health, safety, or welfare.
- [316.2935](#) Authority to prohibit the sale and operation of motor vehicles whose emission control systems have been tampered with, and to prohibit the operation of motor vehicles that emit excessive smoke.
- [320.03](#) Authority to establish Air Pollution Control Trust Fund and use \$1 fee on every motor vehicle license registration sold in the state for air pollution control purposes, including support of approved local air pollution control programs.
- [376.60](#) Authority to establish a fee for asbestos removal projects.

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

- [62-204](#) Air Pollution Control – General Provisions
- [62-210](#) Stationary Sources – General Requirements
- [62-212](#) Stationary Sources – Preconstruction Review
- [62-252](#) Gasoline Vapor Control
- [62-256](#) Open Burning
- [62-296](#) Stationary Sources – Emission Standards
- [62-297](#) Stationary Sources – Emissions Monitoring

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

- [62-213](#) Operation Permits for Major Sources of Air Pollution (Title V)
- [62-214](#) Requirements for Sources Subject to the Federal Acid Rain Program
- [62-243](#) Tampering with Motor Vehicle Air Pollution Control Equipment

[62-257](#)

Asbestos Program

## Public Participation

### Response to 40 CFR 51.102 Requirements

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

A copy of the January 19, 2024, notice is included in this section as well as the February 16, 2024, 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 are 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.

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**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](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](mailto: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](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](mailto: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.

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**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.

213



*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\\_ZWY4NTMS5NzgtNzYzNy00MmZjLThjM2EtMDIyNjg4YzZiMDc4%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](https://teams.microsoft.com/l/meetup-join/19%3ameeting_ZWY4NTMS5NzgtNzYzNy00MmZjLThjM2EtMDIyNjg4YzZiMDc4%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](mailto: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](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](mailto: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](mailto: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](#)

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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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:Terri.long@FloridaDEP.gov)*

## Notifications to Other States and Federal Land Managers

**From:** [Rogers, Elizabeth](mailto:Rogers.Elizabeth)  
**To:** [Melanie.Pitrolo@usda.gov](mailto:Melanie.Pitrolo@usda.gov); [jeremy.ash@usda.gov](mailto:jeremy.ash@usda.gov); [jacob.deal@usda.gov](mailto:jacob.deal@usda.gov)  
**Cc:** [Read.Hastings](mailto:Read.Hastings); [McLane.Preston](mailto:McLane.Preston); [Long.Terri](mailto:Long.Terri); [Notarianni.Michele](mailto:Notarianni.Michele)  
**Subject:** Federal Land Manager Consultation – Regional Haze Second Implementation Period Plan Amendment  
**Date:** Thursday, June 8, 2023 4:31:06 PM  
**Attachments:** [Draft Regional Haze Plan Amendment\\_FLM\\_Review\\_Draft\\_June\\_2023.pdf](#)  
[Florida DFP\\_Forest\\_Service\\_Regional\\_Haze\\_Amendment\\_FLM\\_Consultation\\_Letter.pdf](#)

---

June 8, 2023

Ms. Melanie Pitrolo  
United States Forest Service  
[Melanie.Pitrolo@usda.gov](mailto: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/](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](mailto: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](mailto:Elizabeth.Rogers@FloridaDEP.gov)  
Office: 850-717-9019

**From:** [Rogers, Elizabeth](#)  
**To:** [Melanie\\_Peters@nps.gov](mailto: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](mailto:Melanie_Peters@nps.gov)

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

Dear Ms. Peters,

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

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Sincerely,



*Elizabeth Rogers*

Florida Department of Environmental Protection  
Division of Air Resource Management  
Regulatory Reform/Legislative Coordination  
Environmental Administrator  
[Elizabeth.Rogers@FloridaDEP.gov](mailto: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](mailto:Tim_Allen@fws.gov)

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

Dear Mr. Allen,

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Sincerely,

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

Jeffery F. Koerner, Director  
Division of Air Resource Management





## FLORIDA DEPARTMENT OF Environmental Protection

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

**Ron DeSantis**  
Governor

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Lt. Governor

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Secretary

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June 8, 2023

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National Park Service  
[Melanie\\_Peters@nps.gov](mailto:Melanie_Peters@nps.gov)

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Jeffery F. Koerner, Director  
Division of Air Resource Management



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

**Ron DeSantis**  
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Lt. Governor

**Shawn Hamilton**  
Secretary

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June 8, 2023

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United States Forest Service  
[Melanie.Pitrolo@usda.gov](mailto:Melanie.Pitrolo@usda.gov)

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

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Jeffery F. Koerner, Director  
Division of Air Resource Management

**From:** [Long, Terri](#)  
**To:** ["james.boyla@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

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**From:** [Long, Teri](mailto:Long.Teri)  
**To:** ["tammy.manning@ncdenr.gov"](mailto:tammy.manning@ncdenr.gov); ["james.boylan@dnr.ga.gov"](mailto:james.boylan@dnr.ga.gov); ["lhb@adem.alabama.gov"](mailto:lhb@adem.alabama.gov); ["ada@adem.alabama.gov"](mailto:ada@adem.alabama.gov); ["blake.bonyig@ky.gov"](mailto:blake.bonyig@ky.gov); ["michael.kiss@deq.virginia.gov"](mailto:michael.kiss@deq.virginia.gov); ["james.johnston@tn.gov"](mailto:james.johnston@tn.gov); ["bedenbcw@chee.sc.gov"](mailto:bedenbcw@chee.sc.gov); ["khead@mdeq.ms.gov"](mailto:khead@mdeq.ms.gov); ["jon.d.mcclung@wv.gov"](mailto:jon.d.mcclung@wv.gov); ["wallmp@chee.sc.gov"](mailto:wallmp@chee.sc.gov); ["todd.h.shrewsbury@wv.gov"](mailto:todd.h.shrewsbury@wv.gov); ["melanie.pitolo@usda.gov"](mailto:melanie.pitolo@usda.gov); ["melanie\\_peters@NPS.gov"](mailto:melanie_peters@NPS.gov); ["Tim.Allan@fws.gov"](mailto:Tim.Allan@fws.gov)  
**Cc:** [Rogers, Elizabeth](mailto:Rogers.Elizabeth); [McLane, Preston](mailto: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](#)

---

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**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](mailto: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 (SO<sub>2</sub>) 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 (H<sub>2</sub>SO<sub>4</sub>) plants Nos. 10 and 11 are effectively controlled by the 750 lb SO<sub>2</sub>/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 SO<sub>2</sub> limit of 750 lb/hour 24-hr block equates to a 4.0 lb SO<sub>2</sub>/ton H<sub>2</sub>SO<sub>4</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub>/ton H<sub>2</sub>SO<sub>4</sub>. 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 2<sup>nd</sup> 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 SO<sub>2</sub> 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 SO<sub>2</sub> 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.)

The 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 (SO<sub>2</sub>) emissions in recent years and potential visibility impacts at Everglades National Park.

The 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 the 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 the 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. SO<sub>2</sub> emission reductions were achieved by codifying an SO<sub>2</sub> 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 SO<sub>2</sub> emissions. Only SO<sub>2</sub> emissions contribute to regional haze and thus are evaluated as part of this document.

## **Public Comments on Pre-Hearing Notice**

See **Appendix D** 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 herein. 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. Source and pollutant selection were addressed in Florida's 2021 Regional Haze SIP and are not being discussed herein.

Commenters raised a number of concerns regarding the four-factor analyses and permits for WestRock Panama City Mill and the Georgia-Pacific Foley Mill. Due to the permanent retirement of the WestRock Panama City Mill and the Georgia-Pacific Foley Mill, the permits and four-factor analyses included in the Department's Pre-Hearing Regional Haze Supplemental SIP have been removed. Comments related to these four-factor analyses and resulting air construction permits are now moot. The Department has provided documentation of the permanent retirement of these two facilities in **Appendices C-1 and C-2**.

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 submittal.

- 1. 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 reporting requirements are already included in Florida's SIP at subsection 62-210.370(2)(b), F.A.C.
- 2. 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.

- 3. 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 of the permit conditions that Florida is proposing to include in its Regional Haze SIP are practically enforceable with monitoring, recordkeeping and reporting requirements, as applicable. Other provisions of Florida’s SIP supplement the proposed permit conditions contained in this supplemental SIP submittal.
- 4. 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.

### **Nutrien White Springs**

The Department received comments with regard to Nutrien White Springs that were outside of the limited scope of this Supplemental SIP. This Supplemental SIP merely incorporated a CEMS monitoring requirement with associated recordkeeping to reinforce the permit in the 2021 Regional Haze SIP. Comments with regard to the Nutrien White Springs facility included:

- The Department received comments about the sufficiency of the recordkeeping, reporting and monitoring requirements for this facility.

**Response:** Information on this facility was included in this supplemental submittal to only demonstrate that emissions were being monitored via a SO<sub>2</sub> CEMS and that there were sufficient recordkeeping requirements in the SIP. This was included for informational purposes only as EPA previously approved the addition of these measures into Florida’s SIP on August 4, 2023.

### **Mosaic South Pierce**

Comments with regard to Mosaic South Pierce included:

- Disagreement with the source selection procedure for the effective controls analysis and insufficient consideration of additional controls at this facility.
- Disagreement with the selection of an effective-controlled demonstration for emissions units versus conducting a four-factor analysis.
- Questions about the adequacy of the reporting requirements for this facility and practical enforceability of permit limits.

**Response:** The Department disagrees with these comments. The National Park Service questioned why the Mosaic South Pierce facility was included in the Supplemental Regional Haze documents, mentioning a possible emissions increase. As explained in the Department’s response to the FLMs and in Section 7.6.4.1 Effective Controls Analysis of the Supplemental Regional Haze Plan, SO<sub>2</sub> emissions did increase in 2018 due to other plant closures but have generally decreased over the last five years. On February 1, 2023, the Department requested that the facility either complete a four-factor analysis for the plants or demonstrate that those units were already effectively controlled. The facility submitted an effective control demonstration (**Appendix B-4**).

Permit conditions for units at the Mosaic South Pierce facility were updated in 2022, and EPA approved the addition of these conditions to Florida’s SIP on August 4, 2023 (Revisions to Florida’s Excess Emissions SIP 2022-01). These plants utilize the double absorption process, and sulfuric acid mist emissions are controlled by high efficiency mist eliminators. The current emissions controls for Sulfuric Acid Plants 10 and 11 (cesium-promoted catalysts) are the BACT for this category type, and catalyst usage at this facility demonstrates that the SO<sub>2</sub> emissions for these units are well controlled. The facility voluntarily accepted a lower cap of 750 lb/hour for the permit and emitted 1,003 tons per year of SO<sub>2</sub> in 2022, which represents a 55% emissions decrease since 2018 (2,248 tpy). This significant emission reduction confirms that these units are effectively controlled.

### **WestRock Fernandina Beach Mill**

Comments with regard to the WestRock Fernandina Beach Mill facility included:

- Allegation of potential errors in the source-specific four-factor analysis.
- Selection of a specific cost-effectiveness threshold for assessing controls and potential omission of additional controls.
- Discussion of cost thresholds adopted by other states for the second planning period.

- A request for backup documentation to support the total capital investment claimed costs for the new Ultra Low Sulfur Diesel (ULSD) burners cited in the four-factor analysis for the No. 7 Power Boiler.

**Response:** The Department disagrees with these comments. Regarding documentation, please see the discussion above on cost-effectiveness calculations.

Commenters on Florida's 2021 Plan criticized the initial four-factor analysis, stating that the Department should require a four-factor analysis for a potential shift to burning 100% natural gas as a fuel source in Power Boiler No. 7 and that the fundamental redesign of the unit was not justification for removing this control measure from consideration. This submittal includes an additional four-factor analysis for the shift to burning 100% natural gas as a fuel source in Power Boiler No. 7, in response to the comments regarding discontinuation of coal usage made in response to Florida's 2021 Regional Haze Plan submittal. The Department is completing the commitments that it made in its 2021 Regional Haze Plan submittal to address this within this supplemental submittal.

This SIP submittal includes recordkeeping requirements for coal usage for this unit (see Permit No. 0890003-074-AC). Given the extent to which coal usage caps in permits already reduce SO<sub>2</sub> emission, the Department finds that eliminating coal as a fuel source was not necessary for reasonable progress towards regional haze goals.

Regarding the reporting requirements for this facility, 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. Discussion of other states' cost thresholds and additional controls is beyond the scope of this document.

### **JEA Northside Units 1 – 3**

Comments with regard to JEA Northside Units 1 – 3 included:

- A statement concerning the appropriateness of incorporating the Mercury and Air Toxics Standards (MATS) emission limits for SO<sub>2</sub> of 0.20 lb/MMBTU in addition to the existing applicable limit of 0.15 lb/MMBTU SO<sub>2</sub> for these units in lieu of conducting a four-factor analysis.
- A request that the permits for the emission units referencing applicable requirements under the MATS Rule (40 CFR 63.10021(a) and (b)) be revised to cite specific compliance options under the federal rule.

**Response:** The Department disagrees with these comments. JEA Northside Units 1 and 2 were reviewed under the 2021 Plan. These units are circulating fluidized-bed (CFB) boilers equipped with selective non-catalytic reduction (SNCR) systems to control NO<sub>x</sub> emissions and limestone injection and spray dryer absorber (SDA) to control SO<sub>2</sub> emissions. Both units were subject to MATS, which applied at all times including during periods of startup, shutdown and malfunction. The permit for this facility also includes a more stringent emission limit of 0.15 lb/MMBTU SO<sub>2</sub>. As discussed in EPA's August 2019 regional haze guidance, effectively

controlled units at JEA Northside meeting the MATS SO<sub>2</sub> emission limit of 0.2 lb/MMBTU are meeting such a low control limit “that it is unlikely that an analysis of control measures...would conclude that even more stringent control of SO<sub>2</sub> is necessary to make reasonable progress.”

In response to comments received during the 2021 Regional Haze submission process, the Department added a fuel sulfur recordkeeping provision in Permit No. 0310045-062-AC for Northside Unit 3.

Please see the response to comments above with regard to permit condition expiration and practical enforceability of permit conditions. During the SIP development process, the Department discussed with EPA regional staff the issue of citation of specific compliance options under the MATS rules and agreed that the Department’s approach to referencing applicable requirements under the MATS Rule (40 CFR 63.10021(a) and (b)) is appropriate, and the permit conditions are fully enforceable.

### **Foley Mill**

In October 2023, Georgia-Pacific announced the closure of the Foley Mill. 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, however, Georgia-Pacific announced that there were no prospective purchasers of the Mill, and the facility will now 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**).

### **WestRock Panama City Mill**

In April 2022, WestRock announced the closure of the Panama City Mill with operations ceasing in June 2022. WestRock 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-1**).

## 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](#).

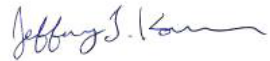
All documents are submitted for adoption into the nonregulatory portion of the SIP in 40 CFR 52.520, Table (e).

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 SO<sub>2</sub> 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](mailto: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 (SO<sub>2</sub>) 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 SO<sub>2</sub> emission limit to ensure that the limit is practicably enforceable.<sup>1</sup>

**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;

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<sup>1</sup> Note also that Duke Crystal River Units 4 and 5 and Seminole Generating Station Units 1 and 2 have the same SO<sub>2</sub> 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 0890003-074-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 File<sup>1</sup> is no longer necessary given that sulfur dioxide (SO<sub>2</sub>) emissions limits and supporting

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<sup>1</sup> 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.<sup>2</sup>

5. **Nutrien White Springs (Nutrien), Prehearing File, P. 6:** The statement related to Nutrien on page 6<sup>3</sup> 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 SO<sub>2</sub> and Acid Gas Control Cost Manual.*

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<sup>2</sup> 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.

<sup>3</sup> 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
- WestRock Panama City – Nos. 1 and 2 Recovery Boilers and Nos. 3 and 4 Combination Boilers
- 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 table below which summarizes the applicable emissions limitation, recordkeeping and reporting permit conditions for these facilities. Due to the permanent retirement of the WestRock Panama City Mill and the Georgia-Pacific Foley Mill, the following elements of the Departments’ Pre-Hearing Regional Haze Supplemental SIP have been removed. Documentation of the permanent retirement of these two facilities is provided in **Appendices C-1 and C-2**. 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
WestRock Fernandina Beach	0890003-072-AC 0890003-074-AC	2021 RH SIP (pages 15-16) 2024 RH Supplemental SIP 62-210.370(3), F.A.C. Annual Operating Report for Air Pollutant Emitting Facility- Existing SIP	<b>Number 7 Power Boiler</b> Specific Condition 2 Coal Usage Cap No. 1 Specific Condition 3 Coal Usage Cap No. 2 Specific Condition 4 Notification of Gas Curtailment Events Specific Condition 5 Coal Usage Records 62-210.370(3) Annual Operating Report for Air Pollutant Emitting Facility. (a) The Annual Operating Report	2021 SIP document notes that DEP will supplement permit conditions for No. 7 Power Boiler for M/R/R in supplemental SIP.

<p>JEA Northside Units 1 and 2</p>	<p>0310045-003-AC 0310045-059-AC</p>	<p>2021 RH SIP (Page 12) 2024 RH SIP Addendum 62-210.370(3), F.A.C. Annual Operating Report for Air Pollutant Emitting Facility-Existing SIP</p>	<p><b>Circulating-fluidized Bed Boilers 1 and 2</b> Specific Condition 9 Sulfur Dioxide Control Specific Condition 14(a) Sulfur Dioxide Specific Condition 31(a) Monitoring Specific Condition 2 New MATS-Based SO2 Emission Limit 62-210.370(3) Annual Operating Report for Air Pollutant Emitting Facility. (a) The Annual Operating Report for Air Pollutant Emitting Facility</p>	<p>Reporting requirements are detailed in 63.10031, report frequency varies according to contaminant. SO2 addressed in 63.10031(a)(5). Recordkeeping addressed in 63.10032 and 63.10033. <i>These emissions units are regulated under: 40 CFR 60, Subpart A, General Provisions and Subpart Da, Standards of Performance for Electric Utility Steam Generating Units, adopted by reference in Rule 62-204.800(8)(d) and (8)(b)2., F.A.C., respectively; 40 CFR 63, Subpart A, General Provisions, and 40 CFR 63, Subpart UUUUU, NESHAP for Coal- and Oil-Fired Electric Utility Steam Generating Units, adopted by reference in Rule 62-204.800(11)(d)1. and (b)102., F.A.C., respectively; Rule 62-212.400, F.A.C., BACT for CO, NOX, PM, PM10, VOC, Mercury (Hg) and total fluorides (HF); and Chapter 62-214, F.A.C., the Phase II Acid Rain Program as Specified in Section IV of this Permit.</i></p>
<p>JEA Northside Unit 3</p>	<p>0310045-057-AC 0310045-062-AC</p>	<p>2021 RH SIP (Page 13) 2024 RH SIP Addendum 62-210.370(3), F.A.C. Annual Operating Report for Air Pollutant Emitting Facility-Existing SIP</p>	<p><b>Boiler Number 3</b> Specific Condition 2 Purchase of Fuel Oil Sulfur Limit Specific Condition 5 Future Operation of Boiler No. 3 Specific Condition 6 Notification of Future Operation of Boiler No. 3 Specific Condition 7 Fuel Oil Sulfur Records 62-210.370(3) Annual Operating Report for Air Pollutant Emitting Facility.</p>	

**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:** Due to the permanent retirement of the Georgia-Pacific Foley Mill, the permit included in the Department’s Pre-Hearing Regional Haze Supplemental SIP has been removed. Documentation of the permanent retirement of this facility is provided in Appendix C-

**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:** Due to the permanent retirement of the Westrock Panama City Mill, the permit included in the Department’s Pre-Hearing Regional Haze Supplemental SIP has been removed. Documentation of the permanent retirement of this facility is provided in Appendix C-1.

**EPA Key Comment 4:** For Mosaic South Pierce, Nos. 10 and 11 sulfuric acid plants (SAP) are subject to a sulfur dioxide (SO<sub>2</sub>) emissions cap of 750 lbs SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> 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 SO<sub>2</sub> limit to ensure that the limit is practicably enforceable.<sup>1</sup>

**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:** Due to the permanent retirement of the Westrock Panama City Mill, the permit included in the Department’s Pre-Hearing Regional Haze Supplemental SIP has been removed. Documentation of the permanent retirement of this facility is provided in **Appendix C-1**.

**EPA Other Comment 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.

**Response:** Due to the permanent retirement of the Georgia-Pacific Foley Mill, the permit included in the Department’s Pre-Hearing Regional Haze Supplemental SIP has been removed. Documentation of the permanent retirement of this facility is provided in Appendix C-2.



**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-1 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.

**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-1 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 File<sup>2</sup> 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.<sup>3</sup>

**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 SO<sub>2</sub> and Acid Gas Control Cost Manual.*

**Response:** Acknowledged.

### **Footnotes to EPA Comments:**

<sup>1</sup> Note also that Duke Crystal River Units 4 and 5; and Seminole Generating Station Units 1 and 2 have the same SO<sub>2</sub> 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.

<sup>2</sup> 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)...*

<sup>3</sup> 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.

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