



# FLORIDA DEPARTMENT OF Environmental Protection

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**Ron DeSantis**  
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**Jeanette Nuñez**  
Lt. Governor

**Noah Valenstein**  
Secretary

## Via U.S. Mail and Electronic Mail

October 9, 2019

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

Re: Air Program Submittal: Proposed Revision to Florida’s State Implementation Plan – Redesignation Request and Maintenance Plan for the Hillsborough-Polk County Sulfur Dioxide (SO<sub>2</sub>) Nonattainment Area

Dear Ms. Walker:

Pursuant to 40 C.F.R. 51.103, the Florida Department of Environmental Protection (Department) is submitting a State Implementation Plan (SIP) package to revise Florida’s SIP under the federal Clean Air Act (CAA).

On January 9, 2018, EPA designated a small portion of Polk and Hillsborough Counties as nonattainment (the “Hillsborough-Polk County Nonattainment Area [NAA]”) and a portion of Hillsborough and Polk Counties as unclassifiable (the “Mulberry Unclassifiable Area”). The effective date of the nonattainment and unclassifiable area designations was April 9, 2018.

This SIP submittal requests that EPA redesignate the Hillsborough-Polk County NAA and the Mulberry Unclassifiable Area to attainment based on air dispersion modeling of new SO<sub>2</sub> emission limits for the Mosaic New Wales and Bartow fertilizer facilities. This SIP submittal also includes the CAA section 175A Maintenance Plan for the Hillsborough-Polk County NAA, the CAA section 172(c)(3) emission inventory, and certification of the existing SIP-approved Nonattainment New Source Review (NNSR) permitting program. This SIP submittal includes the same modeling analysis provided in the February 2019 parallel processing submittal (i.e. the updated December 1, 2017 air dispersion modeling analysis) and requests that EPA adopt into the Florida SIP the SO<sub>2</sub> emission limits and

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compliance parameters for the Mosaic New Wales and Bartow facilities. Lastly, this SIP submission provides emission data demonstrating that the Mosaic New Wales and Bartow facilities are in compliance with the SO<sub>2</sub> emission limits. The Mosaic New Wales ambient air boundary fence line construction was completed on August 18, 2019 and the Mosaic New Wales and Mosaic Bartow catalyst upgrades were officially complete by May 2019.

On February 15, 2019, the Department published in the Florida Administrative Register a notice of opportunity to submit comments regarding this proposed SIP revision, request a public hearing, or participate in a public hearing on March 20, 2019, if requested. No hearing was requested, and no hearing was held. This process met the public participation requirements of 40 CFR 51.102.

The Pre-Hearing SIP requested that EPA parallel process the redesignation and maintenance plan SIP submittals for the Hillsborough-Polk NAA and Mulberry Unclassifiable Area, respectively, including the air dispersion modeling revisions to Florida's December 1, 2017 source-specific SIP submittal that provide modeled attainment to support the redesignation request. The Department's request for parallel processing included EPA approval of the following:

1. EPA's approval of Florida's Emissions Inventory pursuant to Clean Air Act Section 172(c)(3).
2. EPA's redesignation of the Polk County Nonattainment Area to Attainment.
3. EPA's approval of the Polk County Maintenance Plan.
4. EPA's redesignation of the Mulberry Area to Attainment.
5. The parallel processing of the air dispersion modeling revisions to the December 1, 2017, Hillsborough-Polk County source-specific SIP, as revised by this SIP submittal.
6. Certification of Florida's SIP-approved NNSR permitting program.

On September 9, 2019, EPA published in the Federal Register the proposed approval of Florida's Pre-Hearing SIP submittal. 84 Fed. Reg. 47,216. The Department is completing the parallel processing of this SIP revision by submitting this final SIP submittal. This SIP submittal has not undergone any material changes from the Pre-Hearing SIP submittal.

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).

Sincerely,



Jeffery F. Koerner, Director  
Division of Air Resource Management

JFK/tl

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cc (with Final SIP Submittal and CEMS Data Spreadsheet):  
Carol Kemker, Acting Division Director, Air and Radiation Division, EPA Region 4;  
Todd Rinck, Acting Chief, Air Planning and Implementation Branch, EPA Region 4