NACT 334 TIP SHEET No. 4

Related to Wednesday's Sessions (8/26/20)

- 1. EPA's Guidance "<u>Improving Air Quality with Economic Incentive Programs</u>," EPA-452/R-01-001 (Jan. 2001), see also, <u>40 C.F.R. Subpart U to Part 51, Economic Incentive</u> <u>Programs</u>.
- 2. REgional CLean Air Incentive Market (RECLAIM) is a revolutionary new approach to air quality regulation for NOx and SOx implemented by the South Coast Air Quality Management District in Los Angeles. This program was able to clean up the air more effectively than traditional regulations by harnessing the power of the marketplace. For businesses, RECLAIM means greater flexibility and a financial incentive to reduce air pollution beyond what clean air laws and traditional command-and-control rules require. For the public, RECLAIM means guaranteed annual reductions in air pollution until public health standards are achieved.

http://www.aqmd.gov/home/programs/business/about-reclaim

Related to Thursday's Sessions (8/27/20)

- 1. EPA's main website: Operating Permits Issued under Title V of the Clean Air Act
- 2. Current Regulations and Regulatory Actions

<u>40 C.F.R. Part 70</u> State and local permitting authorities base their Title V operating permits program on this rule.

<u>Appendix A of Part 70</u> This appendix provides information on the approval status of State and Local operating Permit Programs.

<u>40 C.F.R. Part 71</u> This is the rule EPA uses when it is the Title V permitting authority; this occurs where a State or local Title V permitting program does not exist, such as in Indian County, and when EPA steps in and implements the program on behalf of a state.

- 3. <u>Recent Regulatory Actions Related to Title V</u>
- 4. Information on EPA Issued Operating Permits
- 5. Information on **Operating Permit Fees**
- 6. <u>Title V Operating Permit Policy and Guidance Document Index</u>. EPA has issued over 230 policy and guidance documents that help to interpret the Part 70 and 71 permit requirements. This compilation contains these policy and guidance documents.

7. <u>Title V Petition information</u>. A "title V petition" is a legal document submitted to the EPA pursuant to Section 505(b)(2) of the Clean Air Act and 40 C.F.R. § 70.8(d).

All petitions submitted to the EPA are posted on the Agency's <u>title V petition database</u>. This database also has PDF files of the Agency's responses to petitions.

- 8. Participate in the Permitting Process: The Public Participation Process
- 9. <u>Part 70 Permits in Electronic Format</u> (where available) Draft permits, final permits, applications, or summary lists identifying such permits, arranged by EPA Regional Office for all 50 states:

← → C a epa.gov/title-v-operating-permits/participate-permitting-process		
	The following links exit the site EXIT	
	Region	State
	Region 1	Connecticut (final) <u>Maine</u> (final) <u>Massachusetts</u> (draft/final) <u>New Hampshire</u> (draft/final) <u>Rhode Island</u> (final) <u>Vermont</u> (draft/final)
	Region 2	<u>New York</u> (draft/final) <u>New Jersey</u> (final)
	Region 3	<u>Maryland</u> (final) <u>Virginia</u> (final) <u>West Virginia</u> (final)

- 10. "The Proof is in the Permit How to Make Sure a Facility in Your Community Gets an Effective Title V Air Pollution Permit" Copyright © 2000 New York Public Interest Research Group Fund, Inc.® and The Earth Day Coalition, Inc.® Page i explains that "This publication was developed under Assistance Agreement No. X985993-01-2 awarded by the U.S. Environmental Protection Agency. It has not been formally reviewed by EPA. The views expressed in this document are solely those of the Earth Day Coalition, Inc., and New York Public Interest Research Group Fund, Inc., and EPA does not endorse any products or commercial services mentioned in this publication."
- 11. Title V Page of SCAQMD and the Title V Technical Guidance Document is the first pdf file on this page. Below please find a link to the Title V page for SCAQMD:

South Coast Air Quality Management District Draft Technical Guidance Document for the Title V Program.

This Title V Technical Guidance Document includes the following chapters:

Introduction Applicability Determination Permit Application Process for an Initial Title V Permit Permit Renewal Process Administrative Changes and Permit Revisions Fees Permitting Process and Public Participation Compliance

There are also eight appendices that explain how to do emissions calculations, NESHAP, examples of permits, etc.

- 12. <u>EPA's Office of General Counsel</u>, main web page. OGC manages the Agency's legal obligations and maintains a list of consent decrees and settlement agreements involving environmental matters. The list contains future deadlines for EPA action, and brief descriptions of those deadlines, and would be where you would find any decrees EPA has entered into that contain deadlines for EPA to respond to Title V petitions: <u>Consent Decrees and Settlement Agreements</u>.
- 13. EPA's main website: Compliance Assurance Monitoring

Final Federal Register notice for the CAM rule

40 C.F.R. Part 64, the CAM Rule

14. CAM Technical Guidance Document

This is a Technical Guidance Document (TGD) to aid in implementation of the rule and was prepared by EPA. The document further explains the CAM process, monitoring approach submittals, CAM illustrations, and supplies technical references for monitoring equipment and instruments.

Compliance Assurance Monitoring Technical Guidance Document, August 1998

The CAM TGD also contains two appendices.

Appendix A contains detailed examples of CAM submittals for different combinations of pollutant specific emission units (PSEU), and add-on control devices. These submittals are based on actual case studies.

<u>Compliance Assurance Monitoring Technical Guidance Document Appendices by</u> <u>Control Technique</u>

Carbon adsorbers Condensers Electrified filter beds Electrostatic precipitators Fabric filters, including baghouses Scrubbers for gaseous pollutants Scrubbers for particulate matter Thermal oxidizers Wet electrostatic precipitators

Appendix B contains brief discussions by control device type of key operating parameters and indicators of performance with brief illustrations of general monitoring approaches for each of the types of control devices.

Compliance Assurance Monitoring Technical Guidance Document Appendices by Pollutant

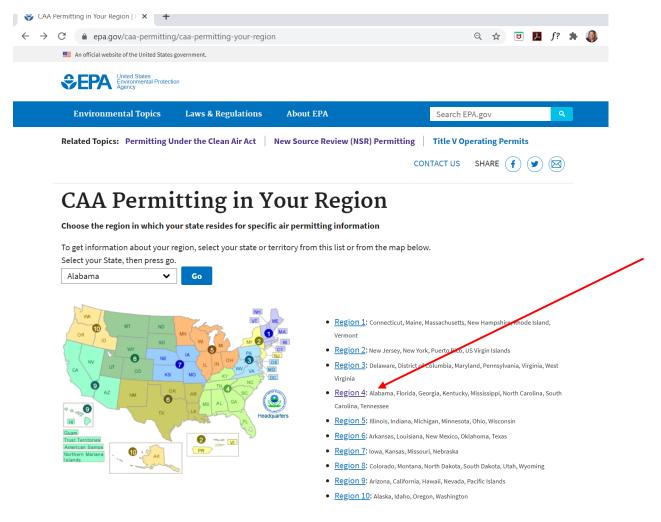
Volatile organic compound (VOC) control

Particulate matter (PM) control

Control of other specific compounds, including carbon monoxide, sulfur dioxide, and nitrogen oxide

15. How to find the EPA-approved construction permitting rules, and the title V program approvals.

This is an example of how to find the EPA-approved SIP construction and title V regulations for Florida. Start at EPA's Main Site (the screenshots are linked to the web pages).



<u>Contact Us</u> to ask a question, provide feedback, or report a problem.

EPA Region 4

😌 CAA Permitting	in EPA's Southeas × +	-	
← → C	epa.gov/caa-permitting/caa-permitting-epas-southeastern-region	Q 🖈 😈 📕 f?	* 🧶
	An official website of the United States government.		
	SEERA United States Environmental Protection Agency		
	Environmental Topics Laws & Regulations About EPA	Search EPA.gov	
	Related Topics: Permitting Under the Clean Air Act	CONTACT US SHARE (F) 💌 🖂	

CAA Permitting in EPA's Southeastern Region

EPA's Southeastern region - Region 4 - serves Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennnessee and several tribal nations

Current Actions

- Region 4 OCS Permits Open for Public Comment no permits are currently open for public comment
- Region 4 Tribal Permits Open for Public Comment no permits are currently open for public comment
- <u>Region 4 Permitting Contacts by Topic</u>
- State and Local Proposed Title V Permits Under Review
- <u>State and Local PSD Applications Under Review</u>

Focus Topics for Region 4

- Environmental Justice Permitting Plan
- <u>GHG Permits</u>
- LNG Permits
- <u>National Permit Initiative</u>
- <u>NSR Permits</u>
- OCS Permits
- Program Evaluations
- <u>Title V Permits</u>
- Tribal NSR Permitting

Permitting Authorities by State

Region 4 has approved or delegated authenty for these states and other jurisdictione to issue certain CAA permits.

- <u>Alabama</u>
- Florida
- <u>Georgia</u>
- Kentucky
- <u>Iterreacky</u>
- <u>Mississippi</u>
- North Carolina
- South Carolina
- <u>Tennessee</u>

Environmental Justice Permitting Plan

EPA has issued two documents outlining the first steps the Agency is taking to consider Environmental Justice and to engage overburdened communities in the permitting process. The first document is EPA Actions document which identifies activities and approaches to promote public involvement by overburdened communities in the permitting process, particularly for major permitted activities that may significantly impact these communities. The second document is Promising Practices for Permit Applicants. This document encourages permit applicants operating or proposing to operate facilities in

Region 4's Public Notice Distribution List

AL GA

National Supporting Resources

• <u>CAA</u>

Program • <u>Title V Program</u>

mitting Home

New Source Review (NSR)

<u>Tribal Permit Program</u>

Permit Program

Outer Continental Shelf

<u>CAA Permitting Tools &</u>

Related Resources

<u>Air Permitting Terms</u>

Air Permitting Policy

Where You Live

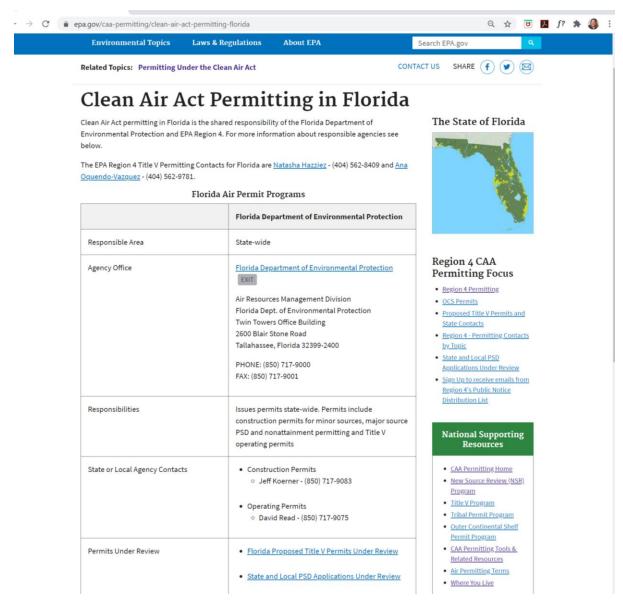
& Guidance

Search Documents

NSR Policy & Guidance
Title V Policy & Guidance
Title V Petition Database

Sign Up to receive emails from

Information on Permitting in Florida



...see next page

EPA plans to include links for the states

- SIP approved Program
- Federally Approved Title V Program

State or Local Agency Contacts	 Construction Permits Jeff Koerner - (850) 717-9083
	 Operating Permits David Read - (850) 717-9075
Permits Under Review	Florida Proposed Title V Permits Under Review
	• State and Local PSD Applications Under Review
Quick Links	Construction Permits
The following links exit the site	 <u>Construction Permits Issued</u> <u>Permits Website</u>
	Operating Permits
	 Operating Permits Permits Website
SIP Approved Program	Link will be added at a later date.
Federally Approved Title V Program	Link will be added at a later date.

...that information isn't yet on EPA's website for some states, so here's how you find it...

The Online Version of Florida's EPA Approved SIP (which is where you will find the construction permitting rules), codified at:

40 C.F.R. 52.520 (Subpart K - Florida)

Subpart K—Florida

§52.519 [Reserved] §52.520 Identification of plan. §52.521 Classification of regions. §52.522 Approval status. §52.523 Control strategy: Ozone §52.524 Compliance schedule. §52.525 General requirements. §52.526 Legal authority. §52.527 [Reserved] §52.528 Control strategy: Sulfur oxides and particulate matter. §52.529 [Reserved] §52.530 Significant deterioration of air quality. §52.532 [Reserved] §52.533 Source surveillance. §52.534 Visibility protection. §52.536 Original identification of plan section. \$52.540 Interstate pollutant transport provisions; What are the FIP requirements for decreases in emissions of nitrogen oxides?

Screenshot of the start of Subpart K. You will need to scroll through the rules to find the various provisions that contain the construction permit program. As explained in the rule, for materials incorporated by reference you can call the EPA Regional Office. Some materials may also be online on the Region's webiste.

Subpart K—Florida

▲ Back to Top

§52.519 [Reserved]

1 Back to Top

§52.520 Identification of plan.

(a) *Purpose and scope.* This section sets forth the applicable State implementation plan for Florida under section 110 of the Clean Air Act, 42 U.S.C. 7401, and 40 CFR part 51 to meet national ambient air quality standards.

(b) *Incorporation by reference*. (1) Material listed in paragraphs (c) and (d) of this section with an EPA approval date prior to October 1, 2017, was approved for incorporation by reference by the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. Material is incorporated as it exists on the date of the approval, and notice of any change in the material will be published in the FEDERAL REGISTER. Entries in paragraphs (c) and (d) of this section with EPA approval dates after October 1, 2017, for Florida will be incorporated by reference in the next update to the SIP compilation.

(2) EPA Region 4 certifies that the rules/regulations provided by EPA in the SIP compilation at the addresses in paragraph (b)(3) of this section are an exact duplicate of the officially promulgated State rules/regulations which have been approved as part of the State Implementation Plan as of the dates referenced in paragraph (b)(1) of this section.

(3) Copies of the materials incorporated by reference may be inspected at the Region 4 EPA Office at 61 Forsyth Street SW, Atlanta, GA 30303. To obtain the material, please call (404) 562-9022. You may inspect the material with an EPA approval date prior to October 1, 2017, for Florida at the National Archives and Records Administration. For information on the availability of this material at NARA go to: *http://www.archives.gov/federal-register/cfr/ibr-locations.html.*

(c) EPA Approved Florida Regulations.

EPA APPROVED FLORIDA REGULATIONS

State citation		State effective	EPA approval	
(section)	Title/subject	date	date	Explanation
	Chapter 62-204 Air	r Pollution C	Control—Ge	neral Provisions
62-204.100	Purpose and Scope	3/13/1996	6/16/1999,	
			64 FR	
			32353	
62-204.200	Definitions	2/12/2006	6/27/2008,	
			73 FR	
			36435	
62-204.220	Ambient Air Quality Protection	3/13/1996	6/16/1999,	
			64 FR	
			32346	

EPA's Approval of Florida's Title V Program

These are codified in Appendix A to Part 70



Electronic Code of Federal Regulations

e-CFR data is current as of July 27, 2020

Title 40 \rightarrow Chapter I \rightarrow Subchapter C \rightarrow Part 70

TITLE 40—Protection of Environment

CHAPTER I-ENVIRONMENTAL PROTECTION AGENCY (CONTINUED)

SUBCHAPTER C—AIR PROGRAMS (CONTINUED)

PART 70—STATE OPERATING PERMIT PROGRAMS

§70.1	Program overview.
§70.2	Definitions.
§70.3	Applicability.
§70.4	State program submittals and transition.
§70.5	Permit applications.
§70.6	Permit content.
§70.7	Permit issuance, renewal, reopenings, and revisions.
§70.8	Permit review by EPA and affected States.
§70.9	Fee determination and certification.
§70.10	Federal oversight and sanctions.
§70.11	Requirements for enforcement authority.
§70.12	Public petition requirements.
§70.13	Documents that may be considered in reviewing petitions.
§70.14	Submission of petitions.
Appendix	Appendix A to Part 70—Approval Status of State and Local Operating Permits Programs



Electronic Code of Federal Regulations

e-CFR data is current as of July 27, 2020

Title 40 \rightarrow Chapter I \rightarrow Subchapter C \rightarrow Part 70 \rightarrow Appendix

Title 40: Protection of Environment PART 70—STATE OPERATING PERMIT PROGRAMS

APPENDIX A TO PART 70—APPROVAL STATUS OF STATE AND LOCAL OPERATING PERMITS PROGRAMS

This appendix provides information on the approval status of State and Local operating Permit Programs. An approved State part 70 program applies to all part 70 sources, as defined in that approved program, within such State, except for any source of air pollution over which a federally recognized Indian Tribe has jurisdiction.

Alabama

(a) Alabama Department of Environmental Management:

(1) Submitted on December 15, 1993, and supplemented on March 3, 1994; March 18, 1994; June 5, 1995; July 14, 1995; and August 28, 1995; interim approval effective on December 15, 1995; interim approval expires on December 1, 2001.

(2) Revisions submitted on July 19, 1996; April 9, 1997; August 4, 1999; January 10, 2000; and May 11, 2001. The rule revisions contained in the July 19, 1996; January 10, 2000; and May 11, 2001 submittals

Florida

(a) Florida Department of Environmental Protection: submitted on November 16, 1993, and supplemented on July 8, 1994, November 28, 1994, December 21, 1994, December 22, 1994, and January 11, 1995; interim approval effective on October 25, 1995; interim approval expires December 1, 2001.

(b) The Florida Department of Environmental Protection submitted program revisions on April 29, 1996, February 11, 1998, June 11, 1998, April 9, 1999 (two submittals), July 1, 1999, and October 1, 1999. The rule revisions contained in the April 29, 1996, February 11, 1998, June 11, 1998, April 9, 1999, July 1, 1999, and October 1, 1999 submittals adequately addressed the conditions of the interim approval effective on October 25, 1995, and which would expire on December 1, 2001. The State's operating permits program is hereby granted final full approval effective on October 31, 2001. EPA's listing in Appendix A to Part 70 includes the "effective date" of EPA's final program approval. So, next I searched the Federal Register for "Florida operating permit program" and was able to locate EPA's final action fully approving Florida's program, which was published in the Federal Register as follows.

EPA's Federal Register Notice, Clean Air Act Final Full Approval of **Operating Permit Program; State of Florida, 66 Fed. Reg. 49837 (Oct. 1, 2001).** Similar to materials adopted by reference in the SIP, you may also need to contact the EPA Regional Office to obtain Title V materials.

AUTHENTICATED & COVERNMENT INFORMATION GPO

Federal Register/Vol. 66, No. 190/Monday, October 1, 2001/Rules and Regulations

§62.10911 Effective date

The effective date for the portion of the plan applicable to existing hospital/ medical/infectious waste incinerators is November 30, 2001

[FR Doc. 01-24215 Filed 9-28-01; 8:45 am] BILLING CODE 6560-50-P

ENVIRONMENTAL PROTECTION AGENCY

40 CFR Part 70

[FL-T5-2001-02: FRL-7068-5]

Clean Air Act Final Full Approval of Operating Permit Program; State of Florida

AGENCY: Environmental Protection Agency (EPA) ACTION: Final full approval.

SUMMARY: EPA is promulgating full approval of the operating permit program of the Florida Department of Environmental Protection (FDEP). Florida's program was submitted in response to the directive in the 1990 Clean Air Act (CAA) Amendments that permitting authorities develop, and submit to EPA, programs for issuing operating permits to all major stationary operating permits to all major stationary sources and to certain other sources within the permitting authorities' jurisdiction. On September 25, 1995, Jurisdiction. On September 25, 1995, EPA granted interim approval to Florida's operating permit program. The State revised its program to satisfy the conditions of the interim approval, and EPA proposed full approval in the **Federal Register** on July 2, 2001. EPA did net register on July 2, 2001. EPA did not receive any comments on the proposed action, so this action promulgates final full approval of the Florida operating permit program.

EFFECTIVE DATE: October 31, 2001. ADDRESSES: Copies of Florida's submittals and other supporting documentation used in developing the final full approval are available for inspection during normal business house at EDA 4 to Diversing Demach 61 hours at EPA, Air Planning Branch, 61 Forsyth Street, SW, Atlanta, Georgia 30303–8960. Interested persons wanting to examine these documents, which are T5–2001–01, should make an appointment at least 48 hours before the

visiting day. FOR FURTHER INFORMATION CONTACT: Ms. Gracy R. Danois, EPA Region 4, at (404) SUPPLEMENTARY INFORMATION: This section provides additional information by addressing the following questions:

What is the operating permit program? Why is EPA taking this action? What is involved in this final action?

What Is the Operating Permit Program? Title V of the CAA Amendments of 1990 required all state and local permitting authorities to develop operating permit programs that met certain federal criteria. In implementin the title V operating permit programs, nting the permitting authorities require certain sources of air pollution to obtain permits that contain all applicable requirements under the CAA. The focus of the operating permit program is to improve enforcement by issuing each source a permit that consolidates all of the applicable CAA requirements into a federally enforceable document. By consolidating all of the applicable consolidating all of the applicable requirements for a facility, the source, the public, and the permitting authorities can more easily determine what CAA requirements apply and how compliance with those requirements is determined.

Sources required to obtain an operating permit under the title V program include: "major" sources of air pollution and certain other sources specified in the CAA or in EPA's implementing regulations. For example, all sources regulated under the acid rain program, regardless of size, must obtain operating permits. Examples of major sources include those that have the potential to emit 100 tons per year or (VOCs), carbon monoxide, lead, sulfur dioxide, nitrogen oxides (NO_x), or particulate matter (PM_{10}); those that emit 10 tons per year of any single hazardous air pollutant (specifically listed under the CAA); or those that emit 25 tons per year or more of a combination of hazardous air pollutants (HAPs). In areas that are not meeting the National Ambient Air Quality Standards for ozone, carbon monoxide, or particulate matter, major sources are defined by the gravity of the nonattainment classification. For example, in ozone nonattainment areas classified as "serious," major sources include those with the potential of emitting 50 tons per year or more of VOCs or NO_x.

Why Is EPA Taking This Action?

Why Is EPA Taking This Action? Where a title V operating permit program substantially, but not fully, met the criteria outlined in the implementing regulations codified at 40 Code of Federal Regulations (CFR) part 70, EPA granted interim approval contingent on the state revising its program to correct the deficiencies. Because Florida's program substantially program to correct the deficiencies. Because Florida's program substantially, but not fully, met the requirements of part 70, EPA granted interim approval to the program in a rulemaking published on September 25, 1995 (60 FR 49343).

The interim approval notice described the conditions that had to be met in order for the State's program to receive full approval. Interim approval of Florida's program expires on December 1.2001.

49837

What Is Involved in This Final Action?

The Florida Department of Environmental Protection has fulfilled the conditions of the interim approval granted on September 25, 1995. On July 2, 2001, EPA published a document in the **Federal Register** (see 66 FR 34901) recording the approach of Elacide's till proposing full approval of Florida's title V operating permit program, and proposing approval of other program revisions. Since EPA did not receive any comments on the proposal, this action promulgates final full approval of the State of Florida program and final approval of the other program changes described in the proposal.

Administrative Requirements

A. Docket

Copies of the Florida's submittals and other supporting documentation used in developing the final full approval are contained in docket files maintained at the EPA Region 4 office. The docket is an organized and complete file of all the information submitted to, or otherwise considered by, EPA in the development of this action. The primary purposes of the docket are: (1) To allow interested parties a means to identify and locate documents so that they can effectively (2) to serve as the record in case of judicial review. The docket files are available for public inspection at the location listed under the ADDRESSES section of this document.

B. Executive Order 12866

The Office of Management and Budget has exempted this regulatory action from Executive Order 12866, entitled "Regulatory Planning and Review." C. Executive Order 13045

Protection of Children from Environmental Health Risks and Safety Risks (62 FR 19885, April 23, 1997) applies to any rule that: (1) Is determined to be "economically significant" as defined under Executive Order 12866, and (2) concerns an ourisoproportal bacht or sofety sick that environmental health or safety risk that EPA has reason to believe may have a disproportionate effect on children. If the regulatory action meets both criteria, the Agency must evaluate the environmental health or safety effects of the planned rule on children, and explain why the planned regulation is