



AWMA – Georgia Chapter Air Permitting Update June 6, 2012

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Stationary Source Permitting Program

SSPP Staff Levels



- Full = 5 Unit Managers, 35 permit engineers, 2 admin
- Current = 4 Unit Managers, 27 permit engineers, 2 admin

Combustion Unit ?



- John Yntema retired March 1
- Combustion Unit Engineers reporting to other SSPP Unit Coordinators
 - Chem Unit – Joe Aisen, Hem Sharma
 - NOx Unit – Jeng-Hon Su, Brad Belflower
 - Minerals - Tracey Hiltunen, Brian Massengale
 - VOC Unit – S. Ganapathy (“Gany”)

Improvements in Permit Timeliness:



- In 2006, we had approximately:
 - 400 total pending permit applications
 - 90 (not counting TV initial/renewal) appl. older than 1 year
 - 30 TV initial/renewal appl. older than 18 months (Clean Air Act requires 18 month processing)
- Today (June 2012):
 - 189 total pending permit applications
 - 9 (non TV-I/R) appl. older than 1 year (< 10 is good)
 - 2 TV-I/R appl. older than 18 months

Current Status of Permitting Timeliness



- Median review times since July 2011:
 - TV Sig Mods (includes 4 PSDs) : 260 days
 - 502(b)(10): 83 days
 - SM: 85 days
 - Off Permit: 16 days
- Goal: Most Non-PSD construction permits within 90 days (add 30-60 days for public comment)

PSD Coordinator



- Susan Jenkins
 - 404-675-1497; susan.jenkins@gadnr.org
 - 18 years in Air Branch: SSPP, P&SP
 - September 2010
 - First point of contact for PSD related issues

PSD Coordinator Functions

Tactical



- “Shepherd” PSD permit reviews
 - Arrange Pre-PSD meetings
 - Review Application for completeness
 - Coordinate with Modeling Staff
 - Prepare schedule items for permit review
 - In General, help each review go smoothly

PSD Coordinator Functions

Strategic



- PSD Guidance, Forms for Industry
- PSD Internal Procedures
- Find ways to improve/streamline process
- Maintain PSD info on-line
 - <http://www.georgiaair.org/airpermit/html/sspp/psdresources.htm>
- In General, make PSD less of a mystery

PSD Guidance for Industry



- In cooperation with GIEC
- Provides up-front expectations for a complete PSD application
 - BACT, Modeling, Submittals
 - Emphasizes early resolution of issues to meet goal of 180 days.
- Draft for public comment this summer

Georgia EPD – PSD Projects



- Pre-processed met data and background ambient concentrations to be made available statewide
- Statewide NAAQS and PSD Increment inventory to be made available to prospective PSD applicants

PSD Application Reviews Completed in Last 3 Years



<u>Permit Number</u>	<u>Date Finalized</u>	<u>Facility Name</u>	<u>Permit Type</u>	<u>Plant Description</u>
3295-319-0009-V-02-1	2011-02-22	BASF Catalysts LLC - Edgar Plant	Permit	KAOLIN PROCESSING
1455-165-0012-P-01-0	2012-04-06	CARBO Ceramics, Inc - Millen Facility	Permit	Ceramic Proppant Manufacturing Plant.
3241-153-0003-V-04-2	2010-01-13	CEMEX Southeast, LLC	Permit	Portland Cement Manufacturing
1455-319-0027-V-03-2	2009-12-16	Carbo Ceramics, Inc. - McIntyre Plant	Permit	Ceramic Pellet Manufacturing
3295-319-0029-V-02-1	2009-12-16	Carbo Ceramics, Inc. - Toombsboro Plant	Permit	Ceramic Pellet Manufacturing
4911-157-0034-V-04-1	2010-05-14	Dahlberg Combustion Turbine Electric Generating Plant	Permit	Electric Utility
4911-095-0002-V-02-3	2010-12-03	Ga Power Company - Plant Mitchell	Permit	Electric Generation
2621-103-0007-V-03-4	2010-03-03	Georgia-Pacific Consumer Products LP (Savannah River Mill)	Permit	Recycled Tissue Mill
2631-021-0001-V-03-2	2011-10-04	Graphic Packaging Macon Mill	Permit	Kraft Pulp Mill
2493-157-0014-V-02-3	2011-11-10	Huber Engineered Woods, LLC	Permit	Oriented Strand Board
1455-303-0008-V-02-1	2009-05-15	IMERYS Deepstep Road Plant	Withdrawn	Kaolin Processing Plant
2421-185-0009-V-02-1	2011-05-02	Langdale Forest Products Company	Permit	Lumbermill
4911-127-0075-P-02-0	2010-04-08	Live Oaks Power Plant	Permit	Combined Cycle Combustion Turbine Power Plant
4911-207-0033---	2011-04-28	Oglethorpe Power - Rumble Road Energy Facility	Withdrawn	Power Plant
3312-075-0024-P-01-0	2010-12-29	Osceola Steel Company	Permit	Micro steel mill
2873-245-0002---	2012-01-09	PCS Nitrogen Fertilizer Inc	Returned	Produces ammonia, nitric acid, ammonium nitrate, urea, carbon dioxide, fertilizer solutions and formaldehyde-free urea pastilles
4911-303-0051-P-01-0	2010-04-08	Plant Washington	Permit	850 MW coal-fired power plant
2676-095-0071-V-02-1	2010-03-22	Procter & Gamble Paper Products Company	Permit	Paper Towel and Tissue Manufacturing
3295-163-0035-P-01-0	2012-01-27	Pyramax - King's Mill Facility	Permit	Ceramic Proppant Manufacturing Plant.
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4911-033-0030-V-02-3	2010-06-11	Southern Nuclear Operating Company - Plant Vogtle	Permit	Nuclear Electrical Generating Plant
2421-115-0016-V-02-2	2012-03-28	Temple-Inland - Rome Lumber Mill	Permit	Sawmill
	2009-12-22	WEYERHAEUSER CO	Returned	KRAFT PULP MILL
4911-301-0016-P-01-0	2010-12-17	Warren County Biomass Energy Facility	Permit	Biomass-fueled Electric Generating Facility
4911-061-0001-P-01-0	2009-05-15	Yellow Pine Energy Company, LLC	Permit	110 MW power plant primarily burning biomass.

Recent PSD Permits in GA



Completed Permits					
<u>Facility Name</u>	<u>Facility County</u>	<u>New/Mod.</u>	<u>Date Finalized</u>	<u>Plant Description</u>	<u>NAAQS Pollutants Subject to BACT</u>
CARBO Ceramics, Inc - Millen Facility	Jenkins	New	2012-04-06	Ceramic Proppant Manufacturing Plant	PM10/2.5, VOC, SO2, NOx, CO, GHGs
Pyramax - King's Mill Facility	Jefferson	New	2012-01-27	Ceramic Proppant Manufacturing Plant	PM10/2.5, VOC, SO2, NOx, CO, GHGs
Simpson Lumber Company, LLC	Effingham	Mod.	2012-04-25	Lumber Mill	VOC
Temple-Inland - Rome Lumber Mill	Floyd	Mod.	2012-03-28	Lumber Mill	VOC

Applications Under Review					
<u>Facility Name</u>	<u>Facility County</u>	<u>New/Mod.</u>	<u>Apl. Rcvd.</u>	<u>Plant Description</u>	<u>NAAQS Pollutants Subject to BACT</u>
Chambers R&B Landfill*	Banks	Mod.	2011-01-13	Municipal Solid Waste Landfill	PM10/2.5, VOC, NOx, CO
Effingham County Power, LLC*	Effingham	Mod.	2010-07-27	Peak Power Generation	PM10/2.5, VOC, NOx, CO, GHGs

* Draft Permits have been issued. Public comment period has ended.

PSD Permit Timing



- FY2012: 8 PSD permits...226 day avg
- FY2009-2011: 538 day avg, shortest review was 288 days
- A complete application and prompt response really shorten review time!

Governor's February 13, 2012 Executive Order on Regulation Review



- Available at:
http://gov.georgia.gov/vgn/images/portal/cit_1210/30/23/18187333202_13_12_02.pdf
- “That all statutory agencies under the purview of the Office of the Governor should immediately review their respective rules and regulations to ensure they are not imposing unnecessary burdens on individuals and businesses. Where agency findings show that current rules produce undue and burdensome regulations, these agencies should submit any and all proposed changes to my office for review by May 15, 2012.”

Quarry Replacement Exemption

- Quarries are constantly replacing worn-out crushers, screens, conveyors.
- Replacements do not result in emissions increase.
- Proposed language in “Cumulative Mods” permit exemption (391-3-1-.03(6)(i) to allow “netting” from replacements

GHG Permitting



- GHG Supplement for Title V Applications
 - <http://www.georgiaair.org/airpermit/html/tvsoftware/ghgapplic.htm>
- July 1, 2012 – Deadline for new (due to GHGs) Title V sources to submit their Title V apps.
- http://www.georgiaair.org/airpermit/html/sspp/greenhousegas_permit.htm

GHG Permitting, Continued



- 3-yr Biomass Deferral implemented in GA for CO2 emissions
 - <http://www.georgiaair.org/airpermit/downloads/sspp/ghg/080111biogenicdeferralmemo.pdf>
 - July 20, 2011 – July 20, 2014
- Georgia GHG Rescission Clause (in GA rules but not in SIP):
 - The definition and use of the term “subject to regulation” in 40 CFR, Part 52.21, as amended June 3, 2010, is hereby incorporated by reference; provided, however, that in the event all or any portion of 40 CFR, Part 52.21 containing that term is:
 - (I) declared or adjudged to be invalid or unconstitutional or stayed by the United States Court of Appeals for the Eleventh Circuit or for the District of Columbia Circuit; or
 - (II) withdrawn, repealed, revoked or otherwise rendered of no force and effect by the United States Environmental Protection Agency, Congress, or Presidential Executive Order.
 - Such action shall render the regulation as incorporated herein, or that portion thereof that may be affected by such action, as invalid, void, stayed, or otherwise without force and effect for purposes of this rule upon the date such action becomes final and effective; provided, further, that such declaration, adjudication, stay, or other action described herein shall not affect the remaining portions, if any, of the regulation as incorporated herein, which shall remain of full force and effect as if such portion so declared or adjudged invalid or unconstitutional or stayed or otherwise invalidated or effected were not originally a part of this rule. The Board declares that it would have incorporated the remaining parts of the federal regulation if it had known that such portion thereof would be declared or adjudged invalid or unconstitutional or stayed or otherwise rendered of no force and effect;

How do I find out about applications for construction permits or draft permits?



- Register on our web page at:
<http://listserv.dnr.state.ga.us>
- Select “air-notices” and then follow the instructions for subscribing to the notices.
- We also use this same list to notify the public of proposed revisions to our State Implementation Plan (SIP)
- This site also includes the opportunity to sign up for other types of notices.