

Application Routing and Transmittal Sheet (/ AO/AF)

Air Permitting Supervisor – Required Information for Project Setup by Admin			
Owner/(Facility Name, if needed):	Standard Carbon LLC		County: Marion
Facility ID No.:	0830170	Latitude:	Longitude:
Project Name:	Construction Modification		<input type="checkbox"/> New <input checked="" type="checkbox"/> Modification <input type="checkbox"/> Renewal
Project Description:	Modify EU Nos. 001, 002, 004, 005, 009 and 011.		
Facility Type:	<input type="checkbox"/> New <input type="checkbox"/> Relocatable	Total Fee Submitted (\$):	1250
Type/Subtype:	AC00	Total Fee Required (\$):	1250
Date Received:	06/23/2011	Net Fee Needed (\$):	
Fee Status:	<input checked="" type="checkbox"/> Correct <input type="checkbox"/> Incorrect <input type="checkbox"/> NA	Net Fee Refund (\$):	
Fee Checked By:	cz	Fee override reason:	MULTIPLE SOURCES
Date Fee Checked:	06/23/2011	(if needed)	

Admin – Project Setup Information				Permit Number:
Project Number:	004	Initial ARMS Entry	Date:	Initials:
				0830170-004-AC

Air Permitting Supervisor – Application Information					
Application Assigned To:	Zell_d	No. of Hardcopies:	2	Copies issued to DEP Engineer:	2
Date Assigned:	06/23/2011	No. of Disk:	na	Copies issued to County:	na
Confidential Information (Y/N):	n	EPSAP (Y/N):	n	Copies issued to other:	na

Compliance/Enforcement Review	
Courtesy email sent to compliance:	06/23/2011
Local Program Permit Review	

Air Permitting - Permit Transmittal (add initials & date completed)					
	Intent / Draft			Final	
	Day 30:	Day 90:	Day 30:	Day 90:	
Permit Clock Dates	08/22/11	09/21/11		10/29/11	
Zipfile Name On Air_Common *	0830170.004.ac.d.Std Carbon.zip		0830170.004.ac.f.Std Carbon.zip		
Final Permit Name On Air_Common *	0830170.004.ac.d.Std Carbon.zip				
Engineer → Permit Supervisor	DZJ 08/22/11		DZJ 10/04/11		
Permit Supervisor → DAPA	cz 9/2/11		cz 10/4/11		
DAPA → Clerk/Engineer					
Permit Package Mailed / Emailed	CLM 9/6/11		PP 10-4-11		
Arms Event Entry / Link Permitted E.U.	PP 9/6/11		PP 10-4-11		
Copy to Interested Party (Y/N)					
Posted to DEP Website	CLM 9/6/11		PP 10-4-11		
ARMS Inventory Data Entry:	DZJ 09/30/11		Permitting Clerk:	PP 10-4-11	

* Air_Common\Permitting\Permits\PermitXX\


Air Permitting Engineer - Data Fields for Access System (add at final Issuance)			
Issue Date:		MACT:	-
Facility Description:	Other	NSPS:	-
Source Description:	Other	FUEL:	ng
296:	PWT	Control Equip.:	baghouse
Project Description / Comments:	Equipment modifications at activated carbon manual facility		
Permit Clerk – Permit List Data Entry (Access):	PP 10-4-11		

Special Routing	
Secretary to send final permit to compliance section manager	Y ASSIGNED TO NEDIN 10/7 10/11/11 NB

MEMORANDUM

TO: Cindy Zhang-Torres, P.E.
Air Permitting Manager

FROM: David Zell
Air Permitting Engineering Specialist

DATE: 10/04/11 

SUBJECT: FINAL Construction Permit Project 0830170-004-AC
Standard Carbon LLC, dba Standard Purification - Activated Carbon Production
Facility

DAY 90: 11/01/11

The final permit for this project is attached for your approval and signature. This project requested authorization for modifications to the existing activated carbon production facility located at 551 North Highway 41 in Dunnellon, Marion County. The project results in a minor source air construction permit.

The Final Determination, attached to the Final Permit, summarizes the publication and comment process. There are no pending petitions for administrative hearings or extensions of time in which to file a petition for an administrative hearing. I recommend your approval of the attached final permit for this project.

Permitting Application - Events

Events Scheduled

16 of 90

AIRS ID: 0030170 Site Name: STANDARD CARBON, LLC

Permit #: Type/Subtype: AC / 00 Received: 06/23/2011

Project #: 004 Project Name: (COCONSTRUCTION MODIFICATION)

> STOP CLOCK: Done

Event	Begin Date	Period	Due Date	Rmn	Status	End Date
Receive Request	06/23/2011	1	06/24/2011		Done	06/23/2011
Fee Verification	06/23/2011	2	06/25/2011		Sufficient Fee	06/24/2011
Completeness Review	06/23/2011	30	07/23/2011		Complete	07/12/2011
Determine Agency Action	06/23/2011	90	09/21/2011		Issue	09/06/2011
Mail Public Notice of Intent to Applicant and	09/06/2011	10	09/16/2011		Done	09/06/2011
Date of Publication	09/06/2011	999	06/01/2014		Published	09/19/2011
Awaiting Petition for Administrative Proce	09/19/2011	14	10/03/2011		Not Received	10/03/2011
STOP CLOCK	09/06/2011	1	09/07/2011		Done	09/06/2011
Issue Final Permit	10/03/2011	14	10/17/2011	14	Pending	

- Proof Rec'd 10/04/11
 - Day 90 is 11/01/11



Standard Purification
551 N.US Hwy 41
Dunnellon, FL 34432
Phone: 352.465.5959
Toll-free: 888.616.5959
Fax: 352.465.0679

Dept. Of Environmental Protection

OCT 03 2011

Southwest District

September 29, 2011

Cindy Zhang-Torres
Department of Environmental Protection
13051 North Telecom Parkway
Temple Terrace, FL 33637-0926

Re: Standard Carbon, LLC
Facility ID: 0830011

Dear Cindy:

Enclosed is the Affidavit of Publication for the Public Notice of Intent to Issue Air Permit published September 19, 2011.

If you have any questions please call me at (352) 465-5959.

Sincerely,

A handwritten signature in cursive script that reads "James Sharpe". To the right of the signature is a small circular stamp containing the initials "KS".

James Sharpe
CEO

CC: Kenneth E. Given, P.E.

AFFIDAVIT OF PUBLICATION

OCT 03 2011

Star-Banner
Published – Daily
Ocala, Marion County, Florida

Southwest District

STATE OF FLORIDA
COUNTY OF MARION

Before the undersigned, a Notary Public of Said County and State, who on oath says that they are an authorized employee of the Star-Banner, a daily newspaper published at Ocala, in Marion County, Florida; that the attached copy of advertisement, being a notice in the matter of

PUBLIC NOTICE OF INTENT TO ISSUE AIR PERMIT Florida Department of Environmental Protection Air Resource Management, Southwest District Office Draft Minor Air Construction Permit Project No. 0830170-004-AC Standard Carbon LLC, dba Standard Purification

was published in said newspaper in the issues of:

9/19 1x

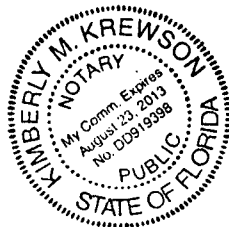
Affiant further says that the said STAR-BANNER is a daily newspaper published at Ocala, in said Marion County, Florida, and that the said newspaper has heretofore been continuously published in said Marion County, Florida, daily, and has been entered as second class mail matter at the post office in Ocala in said Marion County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission or refund for the person of securing this advertisement for publication in the said newspaper.

Sworn to and subscribed before me this 22 day of September, A.D., 2011

Kimberly M. Krewson
Notary Public

Kimberly M. Krewson

(Print, Type or Stamp Name of Notary Public)



Ad #: A000714569

right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address and telephone number of the petitioner, the name address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial rights will be affected by the agency determination; (c) A statement of when and how the petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so state; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this Public Notice of Intent to Issue Air Permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available for this proceeding.

September 19, 2011.
#A000714569

**PUBLIC NOTICE OF INTENT
TO ISSUE AIR PERMIT**

Florida Department of
Environmental Protection
Air Resource Management,
Southwest District Office
Draft Minor Air Construction Permit
Project No. 0830170-004-AC
Standard Carbon LLC,
dba Standard Purification
Marion County, Florida

Applicant: The applicant for this project is Standard Carbon LLC. The applicant's authorized representative and mailing address is: Mr. James Sharpe, CEO, Standard Carbon LLC, dba Standard Pu-

rifcation, 551 North Highway 41, Dunnellon, Florida 34432.

Facility Location: Standard Carbon, dba Standard Purification, operates the existing activated carbon production facility, located in Marion County at 551 North Highway 41 in Dunnellon, Florida.

Project: The proposed project is authorization for modifications to the existing facility consisting of the following: an increase to the maximum permitted fuel heat input rates for the combustion chambers on both kilns; replacement of a baghouse emission control device; addition of an existing currently not-in-use baghouse emission control device to control emissions from emission units previously controlled by another shared baghouse; modification of the flyash receiving/unloading area to allow receipt and unloading of super sacks of powdered activated carbon received from offsite; and addition of a shaker screen to remove sand from the kiln product prior to milling. The increase in maximum permitted kiln combustion chamber fuel heat input rates will result in an increase of potential emissions of nitrogen oxides (NOx) and carbon monoxide (CO) of 8.7 tons/year and 2.2 tons/year respectively.

Permitting Authority: Applications for air construction and operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4, 62-210 and 62-212 of the Florida Administrative Code (F.A.C.). The proposed project is not exempt from air permitting requirements and an air permit is required to perform the proposed work. The Permitting Authority responsible for making a permit determination for this project is the Department of Environmental Protection's Air Resource Management Section in the Southwest District Office. The Permitting Authority's physical address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's mailing address is: 13051 North Telecom Parkway, Temple Terrace, Florida 33637-0926. The Permitting Authority's telephone number is 813/632-7600.

Project File: A complete project file is available for public inspection during the normal business hours of 8:00 a.m. to 5:00 p.m., Monday through Friday (except legal holidays), at the physical address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application and information submitted by the applicant (exclusive of confidential records under Section 403.111, F.S.). Interested persons may contact the Permitting Authority's project engineer for additional information at the address and

phone number listed above. In addition, electronic copies of these documents are available on the following web site: <http://www.dep.state.fl.us/air/emission/apds/default.asp>.

Notice of Intent to Issue Air Permit: The Permitting Authority gives notice of its intent to issue an air construction permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of proposed equipment will not adversely impact air quality and that the project will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. The Permitting Authority will issue a Final Permit in accordance with the conditions of the proposed Draft Permit unless a timely petition for an administrative hearing is filed under Sections 120.569 and 120.57, F.S. or unless public comment received in accordance with this notice results in a different decision or a significant change of terms or conditions.

Comments: The Permitting Authority will accept written comments concerning the proposed Draft Permit for a period of 14 days from the date of publication of this Public Notice. Written comments must be received by the Permitting Authority by close of business (5:00 p.m.) on or before the end of the 14-day period. If written comments received result in a significant change to the Draft Permit, the Permitting Authority shall revise the Draft Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

Petitions: A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed with (received by) the Department's Agency Clerk in the Office of General Counsel of the Department of Environmental Protection at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/245-2241). Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S. must be filed within 14 days of publication of this Public Notice or receipt of a written notice, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Permitting Authority for notice of agency action may file a petition within 14 days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's

Zell, David

From: Kristine Switt [kswitt@standardpurification.com]
Sent: Thursday, September 29, 2011 11:27 AM
To: Zell, David
Cc: ken@airtest.fdn.com; jsharpe@standardpurification.com
Subject: RE: STANDARD CARBON, LLC; DRAFT Air Construction Permit 0830170-004-AC

Importance: High

David Zell,

The Affidavit of Publication is in the mail to your office today. The notice was published 9/19.

Thanks for your help with our permit application,

Kristine Switt
V.P. of Operations
Standard Purification
O: 352.465.5959
Fax: 352.465.0679
kswitt@standardpurification.com
www.standardpurification.com

From: Zell, David [mailto:David.Zell@dep.state.fl.us]
Sent: Thursday, September 29, 2011 10:40 AM
To: 'jsharpe@standardpurification.com'
Cc: 'ken@airtest.fdn.com'; 'Kristine Switt'
Subject: STANDARD CARBON, LLC; DRAFT Air Construction Permit 0830170-004-AC
Importance: High

Mr. Sharpe,

Could you please give us an update on the publication of the public notice and submittal of the original of the proof (affidavit) of publication for this project, for which the written notice and Draft permit were sent to you on 09/06/11 (*see transmittal email below*).

Please let me know if you have any questions.

Thank you.

David Zell
FDEP SW District (Tampa)
Air Permit Engineering Specialist

From: Moore, Carol
Sent: Tuesday, September 06, 2011 1:49 PM
To: jsharpe@standardpurification.com
Cc: ken@airtest.fdn.com; Zhang-Torres; Zell, David; Prickett, Patricia
Subject: STANDARD CARBON, LLC; 0830170-004-AC
Importance: High

Zell, David

From: Zell, David
Sent: Thursday, September 29, 2011 10:40 AM
To: 'jsharpe@standardpurification.com'
Cc: 'ken@airtest.fdn.com'; 'Kristine Switt'
Subject: STANDARD CARBON, LLC; DRAFT Air Construction Permit 0830170-004-AC
Attachments: 0830170.004.ac.d.Standard Carbon.Pub Not.doc; 0830170.004.ac.d.Standard Carbon.signaturepage.pdf

Importance: High

Mr. Sharpe,

Could you please give us an update on the publication of the public notice and submittal of the original of the proof (affidavit) of publication for this project, for which the written notice and Draft permit were sent to you on 09/06/11 (*see transmittal email below*).

Please let me know if you have any questions.

Thank you.

David Zell
FDEP SW District (Tampa)
Air Permit Engineering Specialist

From: Moore, Carol
Sent: Tuesday, September 06, 2011 1:49 PM
To: jsharpe@standardpurification.com
Cc: ken@airtest.fdn.com; Zhang-Torres; Zell, David; Prickett, Patricia
Subject: STANDARD CARBON, LLC; 0830170-004-AC
Importance: High

Attention: Mr. James Sharpe, CEO

Owner/Company Name: STANDARD CARBON, LLC
Facility Name: STANDARD CARBON, LLC
Project Number: 0830170-004-AC
Permit Status: DRAFT
Permit Activity: CONSTRUCTION
Facility County: MARION

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0830170.004.AC.D_pdf.zip

Dear Mr. Sharpe:

IMPORTANT: We must receive verification, by email, stating that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Prickett, Patricia

From: Jim Sharpe [jsharpe@standardpurification.com]
Sent: Wednesday, September 07, 2011 10:11 AM
To: Moore, Carol
Cc: ken@airtest.fdn.com; Zhang-Torres; Zell, David; Prickett, Patricia
Subject: RE: STANDARD CARBON, LLC; 0830170-004-AC

Carol,

Thanks for the note. The purpose of this reply is to confirm that I can access the documents.

Regards,
Jim

Jim Sharpe
Chief Executive Officer
Standard Purification
O: 352.465.5959
C: 917.583.0834
jsharpe@standardpurification.com
www.standardpurification.com

From: Moore, Carol [<mailto:Carol.Moore@dep.state.fl.us>]
Sent: Tuesday, September 06, 2011 1:49 PM
To: jsharpe@standardpurification.com
Cc: ken@airtest.fdn.com; Zhang-Torres; Zell, David; Prickett, Patricia
Subject: STANDARD CARBON, LLC; 0830170-004-AC
Importance: High

Attention: Mr. James Sharpe, CEO

Owner/Company Name: STANDARD CARBON, LLC
Facility Name: STANDARD CARBON, LLC
Project Number: 0830170-004-AC
Permit Status: DRAFT
Permit Activity: CONSTRUCTION
Facility County: MARION

Click on the following link to access the permit project documents:
http://ARM-PERMIT2K.dep.state.fl.us/adh/prod/pdf_permit_zip_files/0830170.004.AC.D_pdf.zip

Dear Mr. Sharpe:

IMPORTANT: We must receive verification, by email, stating that you are able to access the documents. Your immediate reply will preclude subsequent e-mail transmissions to verify accessibility of the document(s).

Attached is the official Written Notice of Intent to Issue Air Permit for the project referenced above. The Written Notice of Intent to Issue Air Permit (including the Draft Permit and the Attachments) has been posted on the Department of Environmental Protection's Southwest District website.

Click on the link displayed above to access the permit project documents and send a "reply" message verifying receipt of the document(s) provided in the link; this may be done by selecting "Reply" on the menu bar of your e-mail software, noting that you can view the documents, and then selecting "Send".

Permit project documents that are addressed in this email may require immediate action within a specified time frame. Please open and review the document(s) as soon as possible, and verify that they are accessible. Please advise this office of any changes to your e-mail address or that of the Engineer-of-Record.

The Southwest District is issuing electronic documents for permits, notices and other correspondence in lieu of hard copies through the United States Postal System, to provide greater service to the applicant and the engineering community. Access these documents by clicking on the link provided above, or search for other project documents using the "Air Permit Documents Search" website at <http://www.dep.state.fl.us/air/emission/apds/default.asp>.

For your convenience, I have also attached the Public Notice of Intent to Issue Air Permit in a word document.

If you should have any questions, please contact David Zell, the Permit Engineer at David.Zell@dep.state.fl.us.

Sincerely,

Carol L. Moore
Administrative Assistant
Florida Dept. of Environmental Protection
Southwest District Air Resources
13051 N. Telecom Parkway
Temple Terrace, FL 33510
(813) 632-7600, ext. 111
Fax: (813) 632-7668
carol.moore@dep.state.fl.us

Please Note: Florida has a very broad Public Records Law. Most written communications to or from State and Local Officials regarding State or Local business are public records available to the public and media upon request. Your email communications may therefore be subject to public disclosure.

Please take a few minutes to share your comments on the service you received from the department by clicking on this link DEP Customer Survey.



Florida Department of Environmental Protection

Southwest District
13051 N. Telecom Parkway
Temple Terrace, Florida 33637-0926

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

P.E. CERTIFICATE STATEMENT

PERMITTEE

Standard Carbon LLC
551 North highway 41
Dunnellon, Florida 34432

Project No. 0830170-004-AC
Standard Purification
Project: Construction permit for
modifications

PROJECT DESCRIPTION

The permit authorizes the following modifications to the existing facility: an increase to the maximum permitted heat input rates for the combustion chambers on both kilns; replacement of a baghouse; addition of a baghouse to emission units previously controlled by another shared baghouse; modification of the flyash receiving/unloading area to allow receipt and unloading of super sacks of powered activated carbon received from offsite; and addition of a shaker screen to remove sand from the kiln product prior to milling. The increase in maximum permitted kiln combustion chamber heat input rates will result in an increase of potential emissions of nitrogen oxides (NO_x) and carbon monoxide (CO) of 8.7 tons/year and 2.2 tons/year respectively.

The Department's full review of the project and rationale for issuing the draft permit is provided in the Technical Evaluation and Preliminary Determination.

I HEREBY CERTIFY that the air pollution control engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify any other aspects of the proposal (including, but not limited to, the electrical, mechanical, structural, hydrological, geological, and meteorological features).

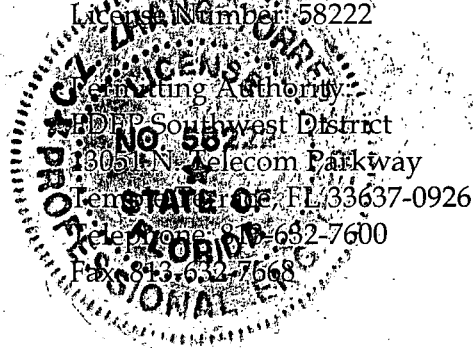
This review was conducted by Dave Zell under my responsible supervision.

Cindy Zhang-Torres

September 2, 2011

C.Z. Zhang-Torres, P.E.
License Number: 58222

Date



MEMORANDUM

TO: Cindy Zhang-Torres, P.E.
Air Permitting Manager

FROM: David Zell *DZ*
Air Permitting Engineer

DATE: 08/22/11

SUBJECT: Draft Construction Permit Project 0830170-004-AC
Standard Carbon LLC - Activated Carbon Production Facility

DAY 90 (Day 60): 09/21/11 (08/22/11)

On 06/23/11, an application for a construction permit for modifications to the existing activated carbon production facility was received from Standard Carbon LLC. The modifications consist of changes to the maximum permitted kiln combustion chamber heat input rates, baghouse changes/additions, addition of another raw material unloading process, and addition of a shaker screen (exempt from permitting). See the technical evaluation and the Draft permit for details on the modifications requested and being authorized by this permit.

On 07/12/11, I conducted a site visit of the Standard Carbon facility with Nedin Bahtic of the compliance section. The main purpose for my visit was to clarify the changes being requested in the construction modification application and get a better understanding of the facility equipment and process flow. The discussion and walk through was done with Kristine Switt, the plant manager (V.P. of Operations). Ken Given, their consultant who prepared the permit application, also was there to conduct the annual visible emissions testing, which was ongoing during our plant walk-through. Nedin was there to observe part of the visible emissions testing and conduct a facility inspection. Observation of the visible emission from the facility and review of the facility production records showed compliance with the permit limitations.

Subsequent to the site visit, on 07/15/11, I called Kristine Switt to ask more about the increase in kiln combustion chamber heat input rate from combustion chamber blower modifications - how the maximum heat input rates were determined and whether they represented design maximum for the burners. She said she would contact the burner manufacturer and see how they had determined it and get back to me. On 07/18/11, she responded by email (*see file for copy of email*) and the maximum kiln combustion chamber heat input rates were adjusted upwards slightly based on determination of the maximum burner design heat input rates. I adjusted the PTE calculations (TEV) and permit documents to reflect this.

The higher kiln combustion chamber maximum heat input rates result in higher potential emissions from the combustion chambers that no longer make them exempt from permitting in accordance with the Rule 62-210.300(b)(1) Generic Emission Unit Exemption (i.e., NOX PTE is > 5 TPY for each kiln combustion chamber). While one of the kiln combustion chambers (Kiln No. 2) would meet the Rule 62-210.300(a)(34) "Fossil fuel steam generators, hot water generators, and other external combustion heating units" fuel usage exemption criteria, the other (Kiln No. 1) does not. On the basis of the potential emissions, emission unit ID's were assigned to both kiln combustion chambers (EU Nos. 015 and 016) and a new EU subsection was added to the permit. No VE compliance testing requirements were included for the kiln combustion chambers since the only VE limit that applies would be the (non-EU specific requirement) 20% general facility wide limit for which there are no associated compliance testing requirements.

~~Combined AO/AC Permit 0830170-002-AO/004-AC~~ *DB*

To avoid confusion and having to refer to more than one permit to understand the process and have all of the permit requirements, this construction permit modification completely replaces the modified construction permit for this facility (0830170-003-AC), even though most of the requirements have not changed. To make this clear and be able to identify changes being made by 004-AC, this construction permit continues to include references to 0830170-003-AC in the basis references for the specific conditions that have not been changed.

The following changes were made to permit organization from the previous combined AC/AO permit (002-AO/003-AC).

- Detailed process/emission unit descriptions were moved from the Facility and Project Description subsection of the General Information section to the Emission Unit Specific Conditions subsections. In the Emission Unit subsections, the detailed EU descriptions were placed below the EU/Control Device Description table since they took too much space in the 3-column table.
- Split off EU No. 006 (Raymond Mill and Raymond Mill Outlet Hopper) into its own EU subsection (C.) (previously was in the same EU subsection with EU Nos. 004 and 005 (Kilns).
- Created a new EU subsection for new EU Nos. 15 and 16 (Kiln combustion chambers).
- To make the order of the EU subsections correspond more to the EU ID No. sequence, I moved the previous EU Subsection B (EU Nos. 001 thru 003, 007, and 009 thru 014 - Material Handling and Storage) to Subsection A, and the previous Subsection A (Kilns and Raymond Mill) to Subsection B. (now just EU Nos. 004 and 005 - Kilns)

I recommend that this Intent to Issue and draft construction permit be sent out as attached and submit it for your review and approval.

Prickett, Patricia

From: Prickett, Patricia
Sent: Friday, June 24, 2011 11:14 AM
To: Bahtic, Nedin
Cc: Zell, David
Subject: FW: Standard Carbon LLC - 0830170-004-AC

Please note the changes in RED shown below in the email I sent yesterday, June 23, 2011.

Patricia Prickett

Patricia Prickett
Senior Clerk
FDEP - Air Program - SWD
(813) 632-7600 Ext 102

Email: Patricia.Prickett@dep.state.fl.us

Please Note: Florida has a very broad Public Records Law. Most written communications to or from State and Local Officials regarding State or Local business are public records available to the public and media upon request. Your email communications may therefore be subject to public disclosure.

From: Prickett, Patricia
Sent: Thursday, June 23, 2011 4:46 PM
To: Bahtic, Nedin
Cc: Zell, David
Subject: Standard Carbon LLC - 0830170-004-AC

The permitting section has received an application from Standard Carbon LLC to Modify EU Nos. 001, 002, 004, 005, 009 and 011.. The Project No. is 0830170-004-AC. If you have any comments or concerns, please contact the permit engineer **Dave Zell**.

Thank you,

Patricia Prickett

Patricia Prickett
Senior Clerk
FDEP - Air Program - SWD
(813) 632-7600 Ext 102

Email: Patricia.Prickett@dep.state.fl.us

Please Note: Florida has a very broad Public Records Law. Most written communications to or from State and Local Officials regarding State or Local business are public records available to the public and media upon request. Your email communications may therefore be subject to public disclosure.

Prickett, Patricia

From: Prickett, Patricia
Sent: Thursday, June 23, 2011 4:46 PM
To: Bahtic, Nedin
Cc: Zell, David
Subject: Standard Carbon LLC - 0830170-004-AC

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Thank you,

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