



FLORIDA DEPARTMENT OF Environmental Protection

Southwest District Office
13051 North Telecom Parkway #101
Temple Terrace, Florida 33637-0926

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

REQUEST FOR ADDITIONAL INFORMATION

August 29, 2018

Alberto Calleros
10311 Cement Plant Road
Brooksville, FL 34601
Alberto.calleros@cemexusa.com

Re: First Request for Additional Information (RAI)
Hernando County – Solid Waste
Facility Name: CEMEX Brooksville South Cement Plant
Facility ID: 40778
DEP Application No.: 22787-006-SO/31

Dear Mr. Calleros:

Thank you for your application for renewal of a waste processing facility permit for the above referenced Facility. The Department has assigned DEP Application No. 22787-006-SO/31 to the application. A Department staff review of the application and supporting documentation submitted on August 8, 2018, indicates the application is incomplete. Pursuant to the provisions of Rule 62-4.055, F.A.C., please provide the information listed below and refer to this correspondence in your response. The response to this correspondence must be signed, sealed, and dated by a registered Florida Professional Engineer.

In order for the Department to continue processing your application, please submit the requested information as soon as possible. The Department requests a response within 90 days of the date of this letter, November 27, 2018. Pursuant to Rule 62-213.420(1)(b), F.A.C. and Section 120.60, F.S., failure of an applicant to provide the timely requested information by the applicable deadline [90 days from the date of this letter] may result in denial of the application, unless a written request for additional time to provide the requested information is submitted and approved. You are encouraged to contact this office to discuss the items requested to assist you in developing a complete and adequate response.

Please submit the response in electronic format to SWD_Waste@dep.state.fl.us, with a copy to Javier.ramirez@FloridaDEP.gov If the file is very large, you may post it to a folder on this office's ftp site at: <ftp://ftp.dep.state.fl.us/pub/incoming/> After posting the document, send an e-mail to SWD_Waste@dep.state.fl.us, with a copy to Javier.ramirez@FloridaDEP.gov, alerting us that it has been posted.

Alberto Calleros
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If you have any questions, please contact Javier Ramirez by telephone at (813)-407-5794 or by e-mail at Javier.ramirez@FloridaDEP.gov.

Sincerely,



Steven G. Morgan
Air & Solid Waste Permitting Manager
Permitting and Waste Cleanup Program
Southwest District

cc:

Tammy Garcia, Koogler and Associates, Inc., tgarcia@kooglerassociates.com
Dr. Max Lee, P.E., Koogler and Associates, Inc., mlee@kooglerassociates.com
Brent Steele, CEMEX Construction Materials; Florida, LLC., brentc.steele@cemex.com
Steve Morgan, DEP SWD Permitting, steve.morgan@floridadep.gov
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Javier Ramirez, DEP SWD Permitting, javier.ramirez@floridadep.gov
Emily Wargo, DEP SWD Compliance Assurance, emily.wargo@floridadep.gov

Attached: List of Requested Information

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Alberto Calleros
Facility Name: CEMEX Brooksville South Cement Plant
Facility ID: 40778
DEP Application No.: 22787-006-SO/31

Application to Construct, Operate, or Modify a Waste Processing Facility (DEP Form # 62-701.900(4), F.A.C.), dated August 8, 2018, received August 8, 2018.

Section 1.0 - Introduction.

1. This section states, “*while the use of AFM has been determined by FDEP Solid Waste Department in Tallahassee to be not subject to Solid Waste permitting, CEMEX voluntary committed to use solid waste permitting for AFM operations to ensure above and beyond required stewardship of environmental assurance compliance*”. After consultation with the Division of Waste Management – Solid Waste section in Tallahassee, it does not appear that this is the Department’s universal determination for processing, storage, or disposal of AFM Material statewide. The Department has issued site-specific determinations on this topic in regard to use of these materials as fuels at other facilities. The CEMEX waste processing permit is not voluntary, but required by Department rule. Please revise this section accordingly.

Section 3.0. Application with Section B, Additional Information (Engineering Report).

2. **DEP Form 62-701.900(4), F.A.C., Effective Date February 15, 2015.**
 - a) **Item A.5. DEP ID No.** Please revise the DEP ID Number to reflect WACS No. 40778.
 - b) **Item A.13. Closing Costs.** Please revise to be consistent with revised closure cost estimate [See Comment #10 below].
 - c) **Part B. Additional Information.** The provided engineering report appears to follow the previous application form and organization of Rule 62-701.710, F.A.C. (effective January 6, 2010) The application form and applicable rules have been updated (effective February 15, 2015) since the previous permit was issued. There are numerous rule references throughout the engineering report that are outdated, which has been identified in the comments below. Please revise this report to follow the updated application form and/or at minimum, revise the following rule citations to be accurate and verify that all portions of the updated application form and revised rule are addressed.
 - 1) Section 3.3 Description of Equipment - Please revise to reference Rule 62-701.710(2)(a)5, F.A.C.
 - 2) Section 3.4 Description of Loading, Unloading, Storage and Processing Areas - Please revise to reference Rule 62-701.710(2)(a)4, F.A.C.
 - 3) Section 3.5 Storage Capacity - Please revise to reference Rule 62-701.710(2)(a)7, F.A.C.
 - 4) Section 3.6 Plan for Disposal - This rule citation is outdated and deleted from the rule. Please remove the Rule citation from this section.
 - 5) Section 3.7 Boundary Survey - Please revise to reference Rule 62-701.710(2)(c), F.A.C.
 - 6) Section 3.9 Operation Plan - Please revise to reference Rule 62-701.710(2)(e), F.A.C.

7) Section 3.12 Recordkeeping Requirements - Please revise to reference Rule 62-701.710(8), F.A.C.

d) **Item C.1 Facility Name.** Please verify the correct name as AFM Storage and Processing Facility.

Section 3.1 Description of Alternative Fuel/Materials (AFM) and Table 1. AFM Storage.

3. This section indicates that the storage areas for this facility are being reduced by 100 tons and proposes storage of materials off-site at the Gregg Mine Property (400 tons). In accordance with Rule 62-701.320(1), F.A.C., the storage of alternate fuel materials at the Gregg Mine would require a solid waste management facility permit. (a separate solid permit or solid waste conditions incorporated into another DEP permit, if applicable). Therefore, no storage or management of AFM at the Gregg Mine shall occur prior to obtaining authorization from the Department's Solid Waste Section. Please verify and remove references to storing AFM at the Gregg Mine facility from this section and other applicable sections of this application.

Section 3.2 Site Plan

4. Please verify the setback from potable wells rule language in Rule 62-701.710(2)(b), F.A.C. and revise this section to read, "*A site plan, of a scale not greater than 200 feet to the inch, which shows the facility location, total acreage of the site, and any other relevant features such as water bodies or wetlands on or within 200 feet of the site and potable water wells on or within 500 feet of the site*".

Section 3.4 Description of Loading, Unloading, Storage and Processing Areas

5. The paragraph which begins "The ASB has a clay lined floor..." appears to be a duplicate of the paragraph below under header **Additive Storage Building**. Please verify and delete the initial duplicated paragraph, as appropriate.

Section 3.7 Boundary Survey

6. Please provide or specifically reference previously submitted boundary survey, include date of document and submittal date in order to comply with Rule 62-701.320(10)(c), F.A.C.

Appendix A. Figures 1 – Site Plan Aerial.

7. Based on the responses to Item 3 above, please remove the off-site Gregg Mine Trailer Storage (up to 400 tons) location, as appropriate.
8. Please include the "approx. 500 feet boundary from storage and processing areas" shown on the legend.
9. When comparing this site plan to the previously approved plan (2013), it appears that several of the AFM storage areas in and around the plant were removed from the site plan. Please verify that all storage areas are included on the Site Plan and revise as necessary.

Closure Plan for CEMEX Construction Materials Florida, LLC. Updated August 2018.

10. **Subsection 4.0 Closure Cost Estimates, Removal/Disposal of AFM.** In Section 1 of the closure plan as well as other portions of the application, the quantity for storage was reduced from 4,900 tons to 4,800 tons. However, this section and calculation of closure costs still provides for 4,900 tons. Please review and revise as appropriate.

Attachments A. AFM Removal Estimate.

11. Please verify the Cost Proposal for Alternative Fuels transport and Disposal letter submitted by Creative Environmental Solutions, Inc. (CES) The letter indicates it is for disposal of 4,900 tons of alternative fuel material (AFM) as “C&D and Natural Wood Materials”. The quote was provided by a third-party consultant who is not in the solid waste hauling and disposal business, nor was the final disposal facility listed. Section 4.0 of the Closure Plan indicates that this material will be disposed of as Class I Waste. The Department’s expectation is that these materials would be disposed of as Class I Waste. Additionally, the quote provided is only valid for one year and it is unclear if routine inflation-adjustment would be appropriate based on this statement. Please provide a revised third-party quote for the loading, hauling and disposal of the total quantity of AFM proposed to be stored on site as Class I Waste.

Attachment C Financial Assurance – Cost Estimate Form 62-701.900(28), F.A.C.

12. The costs for disposal and hauling of AFM was included in Part IV. Item 8, Active Gas Extraction Control. These costs should be in Item 13. Please revise the form as appropriate.