

Florida Department of Environmental Protection

Southwest District Office 13051 North Telecom Parkway Temple Terrace, Florida 33637-0926 Rick Scott Governor

Jennifer Carroll Lt. Governor

Herschel T. Vinyard Jr. Secretary

Mr. Howard H. Hewitt, Managing Member C.R. 466 A Landfill Facility, LLC P.O. Box 490697 Leesburg, FL 34749-0697

Re: Project No. 1190036-005-AC Minor Air Construction Permit

Project: Construction Permit For Re-locatable Crushing System

Dear Mr. Hewitt:

On July 5, 2011, you submitted an application requesting for a construction permit for a relocatable crushing system at an existing construction and demolition debris landfill with a permitted air curtain incinerator. This facility is located in Sumter County at 8979 C.R. 466A in Wildwood, Florida. Enclosed are the following documents: the Technical Evaluation and Preliminary Determination; the Draft Permit and Appendices; the Written Notice of Intent to Issue Air Permit; and the Public Notice of Intent to Issue Air Permit is the actual notice that you must have published in the legal advertisement section of a newspaper of general circulation in the area affected by this project. If you have any questions, please contact the project engineer, Jim McDonald at 813-632-7600 extension 106.

Sincerely,

Cindy Thangtones
Cindy Zhang-Torres, P.E.
Air Permitting Manager
Southwest District

Enclosures

CZT/jlm/pp

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

In the Matter of an Application for Air Permit by:

C.R. 466A Landfill Facility, LLC P.O. Box 490697 Leesburg, FL 34749-0697 Project No. 1190036-005-AC Minor Air Construction Permit Sumter County, Florida Project: Construction Permit For Re-locatable Crushing System

Authorized Representative: Mr. Howard H. Hewitt, Managing Member

Facility Location: C.R. 466A Landfill Facility, LLC operates the existing construction and demolition landfill, which is located in Sumter County at 8979 C.R. 466A in Wildwood, Florida.

Project: The applicant proposes to use a re-locatable crushing system periodically at an existing construction and demolition debris landfill. Details of the project are provided in the application and the enclosed Technical Evaluation and Preliminary Determination.

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 address indicated above for the Permitting Authority. The complete project file includes the Draft Permit, the Technical Evaluation and Preliminary Determination, the application, and the information submitted by the applicant, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Permitting Authority's project review engineer for additional information at the address or phone number listed above.

Notice of Intent to Issue Permit: The Permitting Authority gives notice of its intent to issue an air permit to the applicant for the project described above. The applicant has provided reasonable assurance that operation of the 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.

Public Notice: Pursuant to Section 403.815, F.S. and Rules 62-110.106 and 62-210.350, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Permit (Public Notice). The Public Notice shall be published one time only

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

as soon as possible in the legal advertisement section of a newspaper of general circulation in the area affected by this project. The newspaper used must meet the requirements of Sections 50.011 and 50.031, F.S. in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Permitting Authority at above address or phone number. Pursuant to Rule 62-110.106(5) and (9), F.A.C., the applicant shall provide proof of publication to the Permitting Authority at the above address within 7 days of publication. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rule 62-110.106(11), F.A.C.

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 the 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 the applicant or any of the parties listed below must be filed within 14 days of receipt of this Written Notice of Intent to Issue Air Permit. 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 the attached Public Notice or within 14 days of receipt of this Written Notice of Intent to Issue Air Permit, 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 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 interests will be affected by the agency determination; (c) A statement of when and how each 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

WRITTEN NOTICE OF INTENT TO ISSUE AIR PERMIT

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 Written 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 in this proceeding.

Executed in Hillsborough County, Florida.

Cindy Zhang-Torres, P.E. Air Permitting Manager Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Written Notice of Intent to Issue Air Permit package (including the Written Notice of Intent to Issue Air Permit, the Public Notice of Intent to Issue Air Permit, the Technical Evaluation and Preliminary Determination and the Draft Permit) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on <u>01-26-2011</u> ____ to the persons listed below.

Mr. Howard H. Hewitt, Managing Member C.R. 466A Landfill Facility, LLC reception@hewittcontracting.com

Mr. Steven C. Cullen, P.E. Koogler and Associates, Inc. scullen@kooglerassociates.com

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

(Clerk)

(Date)

01-26-2011

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. 1190036-005-AC C.R. 466A Landfill Facility, LLC Sumter County, Florida

Applicant: The applicant for this project is C.R. 466A Landfill, LLC. The applicant's authorized representative and mailing address is: Mr. Howard H. Hewitt, Managing Member, C.R. 466A Landfill Facility, LLC, P.O. Box 490697, Leesburg, FL 34749-0697.

Facility Location: C.R. 466A Landfill, LLC operates an existing natural non-Title V construction and demolition landfill with a permitted air curtain incinerator, which is located in Sumter County at 8979 C.R. 466A in Wildwood, Florida.

Project: This is a construction permit for a re-locatable crushing system to be used periodically at an existing construction and demolition debris landfill. The crushing system is subject to the requirements of Title 40, Code of Federal Regulations (CFR), Part 60, Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants. A maximum of 750,000 tons of nonmetallic minerals is allowed to be crushed in the crushing system. Potential emissions from the crushing system are 1.4 lbs./hr. and 1.8 tons/yr.

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 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.



Florida Department of Environmental Protection

Southwest District Office 13051 North Telecom Parkway Temple Terrace, Florida 33637-0926 Rick Scott Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr. Secretary

DRAFT PERMIT

PERMITTEE

C.R. 466A Landfill Facility, LLC P.O. Box 490697 Leesburg, FL 34749-0697

Authorized Representative:

Mr. Howard H. Hewitt, Managing Member

Air Permit No. 1190036-005-AC
Permit Expires: 08/15/2014
Minor Air Construction Permit

Project Name: Construction Permit For Re-locatable Crushing System

This is the final air construction permit for a re-locatable non-metallic mineral crushing system at the existing C.R. 466A Landfill Facility, LLC. The construction and demolition debris landfill facility also has a permitted air curtain incinerator (Standard Industrial Classification No.4953) and is located in Sumter County at 8979 C.R. 466A in Wildwood, Florida. The UTM coordinates are Zone 17, 406.78 km East, and 3192.51 km North. As noted in the Final Determination provided with this final permit, no changes or only minor changes and clarifications were made to the draft permit.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements and Facility-wide Specific Conditions

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements for major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel (Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000) and by filing a copy of the notice of appeal accompanied by

the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

	Executed in Hillsborough County, Florida					
	DRAFT					
	Cindy Zhang-Torres, P.E. Air Permitting Manager Southwest District	Effective Date				
	,					
CER	TIFICATE OF SERVICE					
The undersigned duly designated dep Permit package (including the Final D sent by electronic mail (or a link to the accessible server) with received receip to the pers	Petermination, the Final Permit ese documents made available	and the Appendices) was electronically on a publicly				
Mr. Howard H. Hewitt, Managing Me C.R. 466A Landfill Facility, LLC reception@hewittcontracting.com	ember					
Mr. Steven C. Cullen, P.E. Koogler and Associates, Inc. scullen@kooglerassociates.com						
	Clerk Stamp					
	this date, pursuant to Se	nated agency clerk, receipt				
	DRAFT					
	(Clerk)	(Date)				
		<i>,</i>				
•						

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The existing natural non-Title V construction and demolition debris landfill facility has the following emissions unit.

Facility	ID No. 1190036	·			
ID No.	Emission Unit Descript	ion	· ·	,	
001	Air Curtain Incinerator			_	

Project Description and Proposed Emission Units

This construction permit will add the following emissions unit.

Facility	ID No. 1190036		
ID No.	Emission Unit Descript	ion	
002	Re-locatable Crushing S	System	

NOTE: Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

Exempt Emission Units/Activities

- Four engines: 1) Air is supplied to the air curtain incinerator by a 67 HP diesel powered fan; 2) a diesel powered engine used to power the re-locatable crushing system; 3) a diesel powered engine used to power the POWERSCREEN; and 4) a diesel powered engine used to power the clay separator/stacking conveyor. If any engine is or becomes subject to 40 CFR 60 Subpart IIII, 40 CFR 60 Subpart JJJJ, or 40 CFR 63 Subpart ZZZZ the affected engine(s) shall comply with all the limitations and requirements of that subpart. [Rule 62-210.300(3)(a)35., F.A.C.]
- A POWERSCREEN used to screen wetted burned material from the air curtain incinerator, which separates the unburned wood, ash, and soil. [Rule 62-210.300(3)(b)1., F.A.C.]
- A clay separator/stacking conveyor. [Rule 62-210.300(3)(b)1., F.A.C.]

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F A C
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a natural minor source of air pollution.

PERMIT HISTORY/AFFECTED PERMITS

Cross References Operation Permit No. 1190036-004-AO for an air curtain incinerator

SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (DRAFT)

1. <u>Permitting Authority</u>: The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

Florida Department of Environmental Protection Southwest District Office Air Resource Management Section 13051 North Telecom Parkway Temple Terrace, Florida 33637-0926 Telephone: 813-632-7600

All documents related to applications for permits shall be submitted to the above address.

- 2. <u>Compliance Authority</u>: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southwest District Office's Air Resource Management Section (see above mailing address and phone number).
- 3. Appendices: The following Appendices are attached as part of this permit:
 - a. Appendix A. Citation Formats and Glossary of Common Terms;
 - b. Appendix B. General Conditions;
 - c. Appendix C. Common Conditions;
 - d. Appendix D. Common Testing Requirements;
 - e. Appendix E. 40 CFR 60, Subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants; and
 - f. Appendix F. 40 CFR 60, Subpart A General Provisions
- 4. <u>Applicable Regulations, Forms and Application Procedures</u>: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
- 5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
 - [Rule 62-4.080, F.A.C.]
- 6. <u>Modifications</u>: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility. [Rules 62-210.200 Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (DRAFT)

- 7. <u>Asbestos Containing Materials</u>: This facility shall <u>not</u> process Asbestos Containing Materials (ACM), whether regulated asbestos containing material (RACM), category I or category II, and whether friable or non-friable when received at the facility.
 - a. "Asbestos" means the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite and includes trade acronyms products such as amosite.
 - b. "Asbestos-containing materials", ACM, means any materials which contain more than one percent asbestos as determined by Polarized Light Microscopy. Based on a representative composite sample.
 - c. "Asbestos removal project" means renovation or demolition operation in a facility that involves the removal of a threshold amount of regulated asbestos-containing material.
 - d. "Category I Nonfriable Asbestos-Containing Material (ACM)" means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy.
 - e. "Category II Non-friable ACM" means any material, excluding Category I Nonfriable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

[40 CFR 61, Subpart M; Chapter 62-257, F.A.C.; and Rules 62-730.300 and 62-701.520, F.A.C.]

- 8. Application for Non-Title V Air Operation Permit: This permit authorizes construction of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Non-Title V air operation permit is required for continued operation of the permitted emissions unit(s). The permittee shall apply for a Non-Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. Commencing operation means setting into operation of any emissions unit for any purpose. To apply for a Non-Title V air operation permit, the applicant shall submit the following:
 - a. the appropriate permit application form (see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/);
 - b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;
 - a copy of the initial compliance test report(s) required by Specific Condition Nos. A.16. or A.17. (for the first crushing system at this site); and
 - d. copies of the most recent month of records/logs specified in Specific Condition Nos. A.18., A.19. (if applicable), and A.20.

The application shall be submitted to the Permitting Authority. [Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]

A. EU No. 002 - Re-locatable Crushing System

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
002	A re-locatable non-metallic material crushing system that crushes a maximum of 750,000 tons of material in any consecutive 12-month period at an expected maximum crushing rate of 300 tons/hour, based on a daily average. The facility will rent a crushing system that may be owned and operated by different entities and/or hire an outside contractor to come in and perform the crushing operations as needed to crush non-metallic minerals. However, the Department considers C.R. 466A Landfill Facility, LLC responsible for all operations and emissions occurring at this facility. There is no control equipment associated with the crushing system, the emissions are fugitive only. The crushing system utilizes an exempt diesel fired engine.

PERFORMANCE RESTRICTIONS

A.1. <u>Federal Regulatory Requirements:</u>

- a. If a re-locatable (portable) crushing system used at this facility <u>is not</u> subject to the attached Title 40, Code of Federal Regulations (CFR), Part 60, Subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants (see Appendix E.) and the attached general provisions of 40 CFR 60, Subpart A (see Appendix F.), where applicable, then regarding this section of the permit only Specific Condition Nos. A.2., A.3., A.4., A.5., A.7., A.18., and A.20.a.-e. apply. [Rule 62-4.070(3), F.A.C.]
- b. If a re-locatable (portable) crushing system used at this facility <u>is</u> subject to the attached Title 40, Code of Federal Regulations (CFR), Part 60, Subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants (see Appendix E.) and the attached general provisions of 40 CFR 60, Subpart A (see Appendix F.), where applicable, then all of the following specific conditions apply.

 [40 CFR 60, Subparts A and OOO]
- A.2. <u>Florida Air Permit Requirement</u>: Every re-locatable (portable) crushing system operated at this facility shall have a valid Florida Air General Permit or a non-Title V re-locatable air operation permit. While on site, any re-locatable (portable) crushing system is also subject to all the terms and conditions contained in this Air Permit, as applicable. [Rule 62-4.070(3) F.A.C.]
- A.3. <u>Permitted Capacity</u>: The maximum transfer (crushing) rate of non-metallic minerals is 750,000 tons per any consecutive 12-month period. Only one crushing system is authorized to operate at this facility any one time. {Permitting note: See Appendix D., Condition 1, for Operation Rate during Testing requirements.} [Rule 62-210.200(PTE), F.A.C.]

A. EU No. 002 - Re-locatable Crushing System

- A.4. Restricted Operation: The hours of operation for the crushing system are limited to a maximum of 2,500 hours per any consecutive 12-month period.

 [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]
- A.5. <u>Maximum Emission Points</u>: The crushing system shall not have more emission points and specific pieces of equipment than shown in the Table below.

Emission	
Point No.	Brief Description
1	Front End Loader to Hopper/Screen
2	Hopper/Screen to Crusher Inlet
3	Crusher Inlet to Crusher
4	Crusher
5	Hopper/Screen & Crusher to Underbelt
6	Underbelt to Screen Transfer Conveyor
7	Screen Transfer Conveyor to Power Screen Hopper
8	Power Screen Hopper to Screen Belt
9	Screen Belt to Screen
10	Screen
11	Screen to Oversize Belt
12	Oversize Belt to Storage Pile
13	Screen to 57 Belt
14	57 Belt to Storage Pile
15	Screen to Fines Belt
16	Fines Belt to Stacker Belt
17	Stacker Belt to Storage Pile

[Rule 62-210.200 ("Potential to Emit"), F.A.C]

EMISSIONS STANDARDS

A.6. <u>Visible Emissions Limitations:</u> Each emission point shown below shall comply with the following maximum visible emission limitations.

Emission Point No.	Brief Description	Max. VE Limit (% Opacity) ¹	Max. VE Limit (% Opacity) ²	Max. VE Limit (% Opacity) ³
1	Front End Loader to Hopper/Screen	<20	<20	<20
2	Hopper/Screen to Crusher Inlet	<20	15	12
3	Crusher Inlet to Crusher	<20	15	12
4	Crusher	<20	15	12
5	Hopper/Screen & Crusher to Underbelt	<20	15	12

A. EU No. 002 – Re-locatable Crushing System

Emission		Max. VE Limit	Max. VE Limit	Max. VE Limit
Point No.	Brief Description	(% Opacity) ¹	(% Opacity) ²	(% Opacity) ³
6	Underbelt to Screen Transfer Conveyor	<20	10	7
7	Screen Transfer Conveyor to Power Screen Hopper	<20	10	7
8	Power Screen Hopper to Screen Belt	<20	10	7
9	Screen Belt to Screen	<20	10	7
10	Screen	<20	10	7
11	Screen to Oversize Belt	<20	10	7
12	Oversize Belt to Storage Pile	<20	<20	<20
13	Screen to 57 Belt	<20	10	7
14	57 Belt to Storage Pile	<20	<20	<20
15	Screen to Fines Belt	<20	10	7
16	Fines Belt to Stacker Belt	<20	10	7
17	Stacker Belt to Storage Pile	<20	<20	<20

- For crushers and affected pieces of equipment that are only subject to Rule 62-296.320(4)(b), F.A.C. and not subject to 40 CFR 60, Subpart OOO. Crushers and other affected pieces of equipment (i.e., screen, conveyor belt, etc.) are not subject to 40 CFR 60, Subpart OOO, if that crusher or piece of equipment was constructed, modified, or reconstructed prior to or on August 31, 1983.
- For crushers and affected pieces of equipment that commenced construction, modification or reconstruction after 8/31/1983, but before 4/22/2008.
- For crushers and affected pieces of equipment that commenced construction, modification or reconstruction on or after 4/22/2008.

Emission Point Nos. with a maximum opacity limit of <20% do not require regular scheduled VE compliance testing, since the applicable visible emission limitation is a facility-wide limitation and there is no applicable allowable mass emission limitation. Emission Point Nos. 3 and 4 in addition to Emission Point Nos. 9 and 10 are at the same location and require only one VE test when both activities are occurring.

[Rules 62-210.200 ("Potential to Emit") and 62-296.320(4)(b), F.A.C.; 40 CFR 60.672(b) and (d)]

A.7. <u>Unconfined Emissions of Particulate Matter</u>: Unconfined emissions shall be controlled by using a water suppression system with spray bars located wherever unconfined emissions occur at the feeder, the entrance and exit of the crusher, screen, and the conveyor drop points. [Rule 62-296.320(4)(c), F.A.C.]

A. EU No. 002 - Re-locatable Crushing System

TESTING REQUIREMENTS

A.8. <u>Visible Emissions Test Requirements</u>: In order to determine compliance with the visible emission limitations of Specific Condition No. A.6. for <u>each</u> crushing system that is brought on-site, the permittee shall maintain on site either documentation of the most recent* annual visible emissions test that complies with the crushing system's General Permit or non-Title V relocatable air operation permit requirements prior to locating at this site (see Specific Condition No. A.9.) <u>or</u> shall test on-site according to Specific Condition Nos. A.10. – A.12., below.

*<u>Permitting Note</u>: The most recent test shall not be older than the previous federal fiscal year. [Rule 62-4.070(3) F.A.C.]

- A.9. Off-Site Test Requirements: An off-site test may be accepted by the Department provided the required documentation listed in Specific Condition No. A.16., below can be provided with the test report required in Specific Condition No. A.17., below. In addition, the crushing system must have been tested while operating with the same or more emission points and equipment that will be operating while on-site. If an off-site visible emissions test is used to demonstrate compliance with Specific Condition No. A.6., the crusher shall not be operated at rates greater than 110% of the actual processing rate measured during that test. [Rule 62-4.070(3) F.A.C.]
- A.10. On-Site Test Requirements: If adequate documentation as required by Specific Condition No. A.9. is not available, the permittee shall test Emission Point Nos. 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 13, 15, and 16 (as applicable) for visible emissions as soon as possible but no later than 30 days of placing the crushing system into operation after the effective date of this permit. Once tested, the crushing system may not operate in a configuration that has more pieces of equipment and/or emission points than were operating during the test unless a new compliance test is conducted with the greater number of pieces of equipment and/or emission points. In no case shall the pieces of equipment and/or emission points exceed those in Specific Condition No. A.5. In addition, the daily average crushing rate is limited to 110% of the rate at which the most recent compliance test was conducted until a new test is conducted as required by Section 5, Appendix D, No. 1. If the crusher remains on-site, the crushing system shall be tested for visible emissions annually during each federal fiscal year (October 1 September 30) the crushing system is on-site.

[Rules 62-4.070(3) and 62-297.310(7)(a), F.A.C.]

- A.11. <u>Visible Emission Testing Requirements</u>: On-site visible emission testing shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit and shall also comply with the following:
 - a. The minimum distance between the observer and the emission source shall be 15 feet.
 - b. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.

A. EU No. 002 - Re-locatable Crushing System

- c. The duration of the Method 9 observations must be 30 minutes (five 6-minute averages). Compliance with Specific Condition A.6., must be based on the average of the five 6-minute averages.
- d. As an alternative to the Method 9 requirement to conduct visible emission observations of only one emission point at a time, a single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:
 - (1) No more than three emission points may be read concurrently.
 - (2) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.
 - (3) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

[Rules 62-297.310(4), and 62-297.401, F.A.C.; 40 CFR 60.675 (c) and (e)(2)]

A.12. <u>Test Method(s)</u>: Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.401, F.A.C.; 40 CFR 60, Appendix A-4]

MONITORING REQUIREMENTS

A.13. Monitoring Requirements: If any affected piece(s) of equipment of the crushing system (i.e., crusher, screen or conveyor belt) was constructed, modified, or began reconstruction on or after April 22, 2008, a monthly inspection must be performed to check that water is flowing to discharge spray nozzles of the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if water is not flowing properly during the inspection.

[40 CFR 60, 60.674(b)]

A. EU No. 002 - Re-locatable Crushing System

- A.14. Notification of Operation Commencement: The permittee shall notify the Compliance Authority in writing of the date of commencing operation of the first crushing system to be operated on site, no later than fifteen (15) days after that date. Commencing operation means setting into operation of any emissions unit for any purpose.

 [Rule 62-4.070, F.A.C., and Rule 62-210.200, F.A.C., (Definition of Commence Operation)]
- A.15. On-Site Test Notification: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required on-site tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.

 Permitting Note: The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.

 [Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS and REPORTS

- A.16. On-Site Test Report Requirements: The permittee shall prepare and submit to the Compliance Authority reports for all required tests in accordance with the requirement specified in Appendix D (Common Testing Requirements) of this permit. The test report must include the following:
 - a. owner name;
 - b. General or non-Title V Air Operation Permit number (e.g., 7771234-XXX-AX);
 - c. manufacturer's maximum rated capacity for any material (i.e. the rated TPH capacity of the material with the highest processing rate);
 - d. date each affected piece of equipment of the crushing system commenced construction, modification or reconstruction;
 - e. type of material processed;
 - f. actual material handling rate during the test period (tons/hour);
 - g. configuration of the crushing system during the test to include specific pieces of equipment, emission points and/or a process flow diagram; and
 - h. a copy of the logs as required by Specific Condition No. A.18. for the month the test was conducted.

[Rules 62-4.070(3) and 62-297.310(8), F.A.C.]

A.17. Off-Site RAP Crushing System Test Reports: When demonstrating compliance with Specific Condition No. A.6. with an off-site visible emissions test, the permittee shall submit a copy of the most recent VE test report for each crushing system operated on site at the same time the annual visible emission test report for the air curtain incinerator (EU No. 001) in accordance with Operation Permit No. 1190036-004-AO is submitted. The test reports must include the information specified in A.16. a. – h. above. [Rule 62-4.070(3), F.A.C.]

A. EU No. 002 - Re-locatable Crushing System

A.18. Operation Records: In order to document compliance with Specific Condition Nos. A.3. and A.4., the permittee shall record the following while the crushing system is on-site:

Daily:

- a. facility name, facility ID No., emission unit ID No., crushing system owner's name, Florida General or non-Title V Air Operation Permit No., and any other identification information so each crushing system can be clearly distinguished from another crushing system;
- b. hours of operation;
- c. total throughput of non-metallic minerals (tons);
- d. daily average throughput rate based on b. and c. above (tons/hour);

Monthly:

- e. facility name, facility ID No., and emission unit ID No.;
- f. total throughput on non-metallic minerals (tons);
- g. most recent consecutive 12-month rolling total throughput of non-metallic minerals (tons/consecutive 12-month period); and
- h. most recent consecutive 12-month rolling total hours of operation.

Daily records shall be completed within 5 business days and monthly records shall be completed by the end of the following month. [Rule 62-4.070(3) F.A.C.]

- A.19. Monitoring Records: If any affected piece(s) of equipment of the crushing system was constructed, modified, or began reconstruction on or after April 22, 2008, the owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken. (see also Specific Condition No. A.13.)

 [40 CFR 60, 60.674(b)]
- A.20. <u>General Recordkeeping Requirements</u>: The permittee shall keep records for <u>each</u> crushing system operated on site as follows:
 - a. owner name;
 - b. General or non-Title V Air Operation Permit number(s) (e.g., 7771234-xxx-AX) and permit effective date(s);
 - c. dates on site;
 - d. manufacturer's maximum rated capacity for any material (i.e. the rated TPH capacity of the material with the highest processing rate);
 - e. operating configuration while on-site to include specific pieces of equipment, emission points, and/or a process flow diagram; and
 - f. date of most recent visible emissions test and a copy of the test report.

[Rules 62-4.070(3)]



APPLICANT

C.R. 466A Landfill Facility, LLC P.O. Box 490697 Leesburg, FL 34749-0697

Facility ID No. 1190036

PROJECT

Project No. 1190036-005-AC
Application for Minor Air Construction Permit
Project Name: Construction Permit For Re-locatable Crushing System

COUNTY

Sumter, Florida

PERMITTING AUTHORITY

Florida Department of Environmental Protection Air Resource Management Southwest District Office Temple Terrace, Florida 33637-7600

July 13, 2011

Prepared by Jim McDonald

GENERAL PROJECT INFORMATION

Air Pollution Regulations

Projects at stationary sources with the potential to emit air pollution are subject to the applicable environmental laws specified in Section 403 of the Florida Statutes (F.S.). The statutes authorize the Department of Environmental Protection (Department) to establish regulations regarding air quality as part of the Florida Administrative Code (F.A.C.), which includes the following applicable chapters: 62-4 (Permits); 62-204 (Air Pollution Control – General Provisions); 62-210 (Stationary Sources – General Requirements); 62-212 (Stationary Sources – Preconstruction Review); 62-213 (Operation Permits for Major Sources of Air Pollution); 62-296 (Stationary Sources – Emission Standards); and 62-297 (Stationary Sources – Emissions Monitoring). Specifically, air construction permits are required pursuant to Rules 62-4, 62-210 and 62-212, F.A.C.

In addition, the U. S. Environmental Protection Agency (EPA) establishes air quality regulations in Title 40 of the Code of Federal Regulations (CFR). Part 60 specifies New Source Performance Standards (NSPS) for numerous industrial categories. Part 61 specifies National Emission Standards for Hazardous Air Pollutants (NESHAP) based on specific pollutants. Part 63 specifies NESHAP based on the Maximum Achievable Control Technology (MACT) for numerous industrial categories. The Department adopts these federal regulations on a quarterly basis in Rule 62-204.800, F.A.C.

Glossary of Common Terms

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of this permit.

I. Project Description:

A. Applicant: Mr. Howard H. Hewitt, Managing Member

C.R. 466A Landfill Facility, LLC

P.O. Box 490697

Leesburg, FL 34749-0697

B. Professional Engineer: Mr. Steven C. Cullen, P.E.

Koogler & Associates, Inc. 4014 NW 13th Street Gainesville, FL 32609

C.R. 466A Landfill Facility, LLC

Project No. 1190036-005-AC Project Name: Construction

Permit

For Re-locatable Crushing

System

C. Project Location: 8979 C.R. 466A, Wildwood, Sumter County

D. Project Summary: Construction permit for a re-locatable non-metallic mineral crushing system to be used periodically at the existing C.R. 466A Landfill Facility, LLC. The construction and demolition debris landfill facility has a permitted air curtain incinerator and the project is

further described in the permit.

E. Application Information:

Application Received on: July 5, 2011

Additional Information Requested on: N/A

Additional Information Received on: July 12, 2011 and July 18, 2011

Application Complete: July 18, 2011

II. Rule Applicability

This project is subject to the preconstruction review requirements of Chapter 403, Florida Statutes and Chapters 62-204 through 62-297, Florida Administrative Code (F.A.C.), as indicated below.

Subject to:	Y/N	Comments
Rule 62-210.300, F.A.C Project Not Subject	Y	Not exempt from general permitting
to Prevention of Significant Deterioration or		requirements
Nonattainment Requirements, F.A.C.		
Rule 62-212.400, F.A.C Prevention of	N	facility is not a PSD major source
Significant Deterioration		
Rule 62-296.320(4), F.A.C General	Y	crushing operations are a source of
Particulate Emission Limiting Standards		unconfined particulate matter
		emissions
Rules 62-296.320(1) and (2), F.A.C General	N	crushing operations are not
Pollutant Emission Limiting Standards	·	expected to be a source of VOC and
(VOCs and Odor)		odors
Rule 62-296.400, F.A.C Stationary Source	N	there is no applicable source
Emission Standards		category
Rule 62-296.500, F.A.C Reasonably	N	Sumter County is not an air quality
Available Control Technology (VOC)	1	maintenance area for ozone
Rule 62-296.700, F.A.C Reasonably	N	PM RACT rule is not applicable in
Available Control Technology (PM)		Sumter County
Rule 62-204.800, F.A.C Standards of	Y	crushing operations are subject to
Performance for New Stationary Sources		the requirements of 40 CFR 60,
(NSPS)		Subpart OOO - Standards of

Subject to:	Y/N	Comments
**		Performance for Nonmetallic
		Mineral Processing Plants. Exempt
		engine(s) may be subject to 40 CFR
]	60 - Subpart IIII or 40 CFR 60 -
		Subpart JJJJ
Rule 62-204.800, F.A.C. National Emission	N	there is no applicable source
Standard for Hazardous Air Pollutants		category
(NESHAPS – 40 CFR 61)		
Rule 62-204.800, F.A.C. National Emission	Y	exempt engine(s) may be subject to
Standard for Hazardous Air Pollutants for		40 CFR 63, Subpart ZZZZ
Source Categories a.k.a. MACT (NESHAPS -		ŕ
40 CFR 63)		
Chapter 62-213, F.A.C Operation Permits	N	facility is a natural non-Title V
for Major Sources of Air Pollution		source
Rule 62-297.310, F.A.C General	Y	VE testing is required for EU No.
Compliance Test Requirements, F.A.C.	,	002

III. Summary of Emissions

Pollutant	EU No. and brief description	Potential Emissions		Allowable Emissions		
	•	lbs/hr.	tpy	lbs/hr.	tpy	opacity
PM	001 - Air Curtain Incinerator	2.80	3.5	n/a	n/a	
	002 - Crushing System	1.44	1.8	n/a	n/a	
	Exempt engines,	n/a	3.4	n/a	n/a	
	powerscreen, clay separator/stacking conveyor			•	•	
	Total	n/a	8.7	n/a	n/a	
VOC	Exempt engines	n/a	1.6	n/a	n/a	
	Total	n/a	1.6	n/a	n/a	
NOx	Exempt engines	n/a	20.0	n/a	n/a	
	Total	n/a	20.0	n/a	n/a	
SO2	Exempt engines	n/a	1.3	n/a	n/a	
	Total	n/a	1.3	n/a	n/a	
CO	Exempt engines	n/a	4.3	n/a	n/a	
	Total	n/a	4.3	n/a	n/a	
VE	001 - Air Curtain Incinerator					10/35
	002 – Crushing System				7, 10, 12,	15, <20

NOTE: Emissions for the exempt four (4) engines were conservatively calculated based on the maximum allowable collective fuel usage of 64,000 gallons/yr. per Rule 62-210.300(3)(a)35., F.A.C., since actual fuel usage is expected to be well below 64,000 gallons/yr.

IV. Conclusions

The emission limits proposed by the applicant will meet all of the requirements of Chapters 62-204 through 297, F.A.C.

The General and Specific Conditions listed in the proposed permit (attached) will assure compliance with all the applicable requirements of Chapters 62-204 through 297, F.A.C.

V. <u>Preliminary Determination</u>

The Department makes a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations as conditioned by the draft permit. This determination is based on a technical review of the complete application, reasonable assurances provided by the applicant, and the conditions specified in the draft permit. Additional details of this analysis may be obtained by contacting the project engineer at the Florida Department of Environmental Protection Air Resource Management, Southwest District 13051 North Telecom Parkway, Temple Terrace, Florida 33637-7600.

Pursuant to Section 403.087, Florida Statutes and Section 62-4.070, Florida Administrative Code, the Department hereby gives notice of its intent to issue a permit to construct the aforementioned air pollution source in accordance with the draft permit and its conditions as stipulated (see attached).