FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

FINAL PERMIT

PERMITTEE

The Lane Construction Corporation
P.O. Box 3846
West Columbia, SC 29171

Authorized Representative:
Mr. William H. Tomlinson, District Manager

Air Permit No. 7774804-013-AO
Permit Expires: 11/04/2019
Eaton Park Facility
Minor Air Operation Permit
Project: Air Operation Permit Renewal

This is the final permit to renew Air Operation Permit No. 7774804-010-AO for the operation of a relocatable drum mix asphalt plant with reclaimed asphalt pavement (RAP) Crushing Unit at the Eaton Park Facility (Standard Industrial Classification No. 2951). The facility is currently located in Polk County at 3350 Reynolds Road in Eaton Park, Florida. The UTM coordinates are Zone 17, 412.5 km East, and 3097.7 km North.

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

Due to 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

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. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this final permit. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, Agency.Clerk@dep.state.fl.us, before the deadline. 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, any email address, telephone number and any facsimile number of the petitioner; the name, address, any email address, telephone number, and any facsimile 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 indicate; (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 final 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 is not available in this proceeding.

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, 3900 Commonwealth Boulevard, Mail Station #35, 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 thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

_____ _____

Kelley M. Boatwright Effective Date
Permitting & Waste Cleanup Program Administrator
Southwest District

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) 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 the date indicated below to the persons listed below.

William H. Tomlinson, Lane Construction (whtomlinson@laneconstruct.com)

Bryan Howell, Lane Construction (bmhowell@laneconstruct.com)

Danielle Henry, SWD Compliance Assurance Program Team Manager (Danielle.Henry@dep.state.fl.us)

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)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

This facility operates a relocatable Cedarapids/Standard Havens Model E-400 hot drum mix asphalt plant (EU 001). The asphalt plant has a design capacity to produce a maximum of 400 tons/hour of hot mix asphalt concrete. The dryer can be fired with natural gas, new No. 2 fuel oil with a maximum sulfur content of 0.5% by weight, and new No. 5 residual fuel oil or on-specification reclaimed No. 5 fuel oil, each with a maximum sulfur content of 0.87% by weight. The maximum heat input to the dryer is 130 MMBtu/hour. The drum mixer heats the aggregate (including recycled asphalt pavement (RAP) which may be used as part of the mix), and applies asphaltic cement to the aggregate which produces asphalt paving mixture. The mixed asphalt concrete is discharged to a hot elevator, then to a storage silo and finally to a truck loader. A hot oil heater is used to keep the asphaltic cement at the viscosity for use *(see Exempt Emission Sources/Activities below)*. This plant processes both conventional (virgin) and reclaimed asphalt pavement (RAP).

Particulate matter emissions from the drum mixer are controlled by a low efficiency gravity collector and high efficiency fabric filter (Cedarapids Portable 16490P/14 baghouse with a design air flow rate of 38,000 dscf/m). Baghouse dust is recycled back into the drum mixer by an auger system.

Fugitive emission sources associated with the plant include the impact crusher, screens, conveyors, stockpiles, bins, and unpaved roadways. Spraying of water is used to control fugitive particulate emissions.

A recycled asphalt pavement (RAP) crushing system (EU 003) (which may be actually be owned by a different company) is brought on site periodically and used to crush RAP to a size that can be used in the manufacture of new hot mix asphalt concrete. The RAP crushing system consists of a 30 ton per hour impact crusher, bins, conveyors, and screens. Particulate matter emissions from the RAP crushing system are controlled by water sprays. The RAP crusher itself is powered by a 320 HP diesel engine (EU 004) fired with new No. 2 oil (with a maximum sulfur content of 0.05% by weight) at a maximum firing rate of approximately 16.2 gallons/hour. The power to drive the screens and conveyors is supplied by a 100kw (maximum) diesel power generator *(see Exempt Emission Sources/Activities below)*.

The crushed RAP conveyed to and stored in crushed RAP storage piles. When needed for use in the drum mixer, the crushed RAP is transported by front end loader to a hopper from where it is passed through a feed hopper through a RAP roller lump breaker to break apart small clumps that have formed as a result of being in the storage pile. After passing through the lump breaker, the RAP is fed onto a belt which transports the RAP to the drum mixer for use.

The existing facility consists of the following emissions units.

Facility ID No. 7774804

ID No.	Emission Unit Description
001	Relocatable Hot Drum Mix Asphalt Plant
003	Portable RAP Crushing System (including associated material handling)
004	Portable RAP Crusher Diesel Engine

Exempt Emission Sources/Activities

This permit also includes the operation of the following exempt sources of emissions which are portable and relocate with the asphalt plant:

Portable Hot Asphalt Tank Hot Oil Heater - This source is a 2.0 MMBtu/hr hot oil asphalt tank heater operated on natural gas or No. 2 distillate fuel oil with a maximum sulfur content of 0.05% by weight. It is exempt from permitting in accordance with Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption) on the basis of its potential emissions.

Asphalt Concrete Storage Silo which is exempt from permitting in accordance with Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption) on the basis of low potential emissions.

Portable Mineral Filler Silo - This source is a 700 barrel silo which may be used to store mineral filler (such as lime). The silo is equipped with a bin-vent fabric filter on top. It is determined to be exempt from permitting in accordance with Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption) on the basis of its potential emissions. *(Note – The potential to emit of this silo is indirectly limited by the hot mix asphalt plant production limitation.)*

RAP Roller Lump Breaker – Already crushed RAP from the crushed RAP storage pile is fed from a feed hopper through a RAP Roller Lump Breaker to break apart small clumps that have formed as a result of being in the storage pile. After passing through the lump breaker the RAP is fed onto a belt which transports the RAP to the drum mixer. Emissions from this operation are negligible due to the sticky nature of the asphalt cement bound clumps. It is determined to be exempt from permitting in accordance with Rule 62-210.300(3)(b)1., F.A.C. (Generic Emissions Unit or Activity Exemption) on the basis of its potential emissions.

Portable RAP Crushing System screen and conveyor equipment power generator engine (100 kw maximum) fired with No. 2 fuel oil (with a maximum sulfur content of 0.05% by weight) at a maximum design rate of 6.8 gal/hr (0.94 MMBtu/hour). It is exempt from permitting in accordance with Rule 62-210.300(3)(a)36., F.A.C. (internal combustion engines) on the basis of its maximum potential fuel usage.

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAPs).
- 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 synthetic non-Title V source for the pollutants particulate matter (PM_{10}), sulfur dioxide (SO_2), CO (carbon monoxide), and HAP's (HCL). The emission limitations, restriction on hours of operation, restriction on the type or amount of material combusted, stored or processed in this permit will ensure that the facility's particulate matter (PM_{10}), sulfur dioxide (SO_2), CO (carbon monoxide), and HAP's (HCL) emissions will be below the threshold for a Title V source.

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces the combined Construction and Operation Permit Nos. 7774804-010-AO and 7774804-011-AC and incorporates the changes from Air Operation Permit Amendment 7774804-012-AO.

ADMINISTRATIVE REQUIREMENTS

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Air and Solid Waste Permitting Program. The mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Air and Solid Waste Permitting Program
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-470-5700

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

2. Compliance Authority - The compliance authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Compliance Assurance Program. The mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Compliance Assurance Program
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-470-5700

All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the above address.

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; and

d. Appendix D. Common Testing Requirements.

e. Appendix E. NSPS 40 CFR 60 Subpart A (General Provisions);

f. Appendix F. NSPS 40 CFR 60 Subpart I;

g. Appendix G. NSPS 40 CFR 60 Subpart OOO; and

h. Appendix H. Lane Construction RAP Crushing System Emission Point Flow Diagram.

4. Applicable Regulations, Forms and Application Procedures - 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. Modifications - 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.]

7. Relocation to a Previously Authorized County – At least thirty (30) days prior to relocating the facility to a site in a county previously authorized by this permit, the permittee shall notify the Air Compliance Section of the Department's Southwest District Office. The notification shall be on DEP Form 62-210.900(6), F.A.C. – Facility Relocation Notification. A permit amendment and amendment fee are not required. The form may only be used if the facility is currently authorized by this permit to locate in the county to which it intends to operate. **As of the effective date of this permit, the only county the facility is currently authorized to operate in is Polk County.** This authorization is based on the publication of a public notice in Polk County dated October 11, 2002 *(see table below)*.

With permitting authorization of the Department, the permittee may locate in the following counties providing a public notice has been has been published in that county:

Permitted Counties:	Date of Publication:	Permitted Counties:	Date of Publication:	Permitted Counties:	Date of Publication:
Citrus	n/a	Hernando	n/a	Polk	10/11/2002
DeSoto	n/a	Manatee	n/a	Sumter	n/a
Hardee	n/a	Pasco	n/a		

(**Note**: n/a = Date of Publication is not applicable at the time of issuance of this permit as no public notice had yet been published in this county.)

[Rules 62-210.370(4) and 62-210.900(6), F.A.C.; as also established in previous construction permits]

8. Relocation to a Proposed New (Unauthorized) County - If the facility is not currently authorized to locate in the county to which it intends to relocate, a permit application [DEP Form 62-210.900(3)] with the appropriate fee must be submitted to apply for authorization to locate to that county. The application (w/fee) shall be submitted to the Air Permitting Section of the Department's Southwest District Office for processing as a modification to the existing operation permit under Rule 62-4.080, F.A.C.
[Rules 62-4.080, 62-210.300(1), and 62-210.900, F.A.C.]

9. Annual Operating Report - On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority. The sulfur dioxide emissions from using fuel oil when producing asphalt product shall be determined using the US EPA's document AP-42, Table 1.3-1 and a reduction of 50% of the fuel bound sulfur, up to a maximum (as) of 0.1 lb of sulfur dioxide for each ton of asphalt product produced.

(Permitting Note: one pound of sulfur produces two pounds of)
[Rules 62-4.070(3) and 62-210.370(3), F.A.C.]

10. Operation Permit Renewal Application - A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of this operation permit. To properly apply for an 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.;

c. copies of the most recent compliance test report required by Specific Condition No. A.14, if not previously submitted; and

d. copies of the most recent month of records/logs specified in Specific Condition Nos. A15, B.17, and B19.

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

FACILITY-WIDE SPECIFIC CONDITIONS

PERFORMANCE RESTRICTIONS

11. Hours of Operation - Unless otherwise stated in this permit *(see Section 4 - Emissions Unit Specific Conditions)*, the hours of operation of this facility are not limited (i.e., permitted for 8760 hours per year).
[Rule 62-210.200 ("Potential to Emit"), F.A.C.]

12. New No. 2 Fuel Oil Sulfur Content Limitation - The sulfur content for new No. 2 distillate fuel oil delivered for use at this facility in all equipment except the drum mix asphalt plant* (EU 001), shall not exceed 0.05% by weight. *(* Note - See Section 4 Specific Condition No. A.4.b. for the new No. 2 fuel oil sulfur content limitation for the drum mix asphalt plant.*)
[Rules 62-4.070(3), and 62-210.200 ("Potential to Emit"), F.A.C.; as requested by in construction permit application dated 03/02/09]

13. Reclaimed Fuel Oil Specifications - The permittee shall not burn off-specification reclaimed fuel oil. For each delivery of on-specification reclaimed oil, the vendor shall provide an analysis documenting the fuel oil meets the following requirements of 40 CFR 761.20(e)(2) and (3) and 40 CFR 279.11 (July 1, 2004):

Constituent/Property	Allowable Level
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum

Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	Shall not exceed 1000 ppm
Flash Point	100 degrees F minimum
PCB's	Shall be less than 2 ppm

[Rules 62-4.070(3) and 62-710.210, F.A.C.]

14. Asbestos Containing Materials - This facility shall **not** 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.]

15. Unconfined Emissions of Particulate Matter (PM) - In addition to the conditions in Appendix C., Condition 9, the following reasonable precautions shall be followed.

a. Paved parking and trafficked areas shall be maintained and kept free of particulate matter to prevent build-up*.

b. Removal of particulate from roads to prevent re-entrainment, and from building and work areas to prevent particulates from becoming airborne.*

c. Sprinkling with water shall be used, as necessary, on paved areas, unpaved areas, and during loading/unloading operations.*

d. The aggregate surface on material stockpiles shall be wetted to prevent wind transport of fine material from the stockpile*.

e. Landscaping or planting of vegetation shall be used to prevent generation and transport of fugitive particulate matter emissions.

f. Minimization of emissions from material handling by a loader shall be achieved by reducing the material freefall as the bucket dumps the aggregate. Drop heights shall be minimized from conveyors and screens.

g. Drop heights shall be minimized from the conveyors. Scalping screens may employ hoppers and extensions of the discharge apron. Conveyor belts shall be unloaded during significant periods of inactivity.

h. Water shall be applied to the RAP crusher and transfer points, as necessary, to reduce unconfined particulate matter*.

(Note - See Specific Condition No. 8. below for associated recordkeeping requirements.)*

(*Permitting Note: If operation experience indicates that these reasonable precautions are not sufficient to control unconfined emissions, the Department reserves the right to require additional control measures or recordkeeping.*)

[Rules 62-4.070(3) and 62-296.320(4)(c), F.A.C.; as previously established for this site in Construction Permits 1050151-015-AC and 7774804-006-AC]

EMISSIONS STANDARDS

16. Unconfined PM Emissions Opacity Standard - In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, emissions of unconfined particulate matter from the non-process emission sources should not exceed 10% opacity. If the 10% opacity (indicator value) is exceeded, it shall not be a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined in Specific Condition No. 6 may be necessary.
[Rules 62-4.070(3), F.A.C.; as previously established for this site in Construction Permits 1050151-015-AC and 7774804-006-AC]

RECORDKEEPING REQUIREMENTS

17. New No. 2 Fuel Sulfur Content Records - In order to document continuing compliance with the sulfur content limitation of Specific Condition No. 2., the permittee shall keep records of the sulfur content (in %S by weight) of all new No. 2 fuel oil delivered for use at this facility. The records shall also indicate where the fuel oil will be used (i.e., for the drum mix asphalt plant, for the hot oil heater, for the RAP crushing system engines, and /or for vehicle use) The fuel oil sulfur content shall be based on either vendor provided as-shipped analysis or on analysis of as-received samples taken at the plant. The analysis shall be determined by appropriate ASTM methods.
[Rule 62-4.070(3), F.A.C.]

18. Recordkeeping for Unconfined PM Emissions Reasonable Precautions - In order to demonstrate compliance with the requirements of Specific Condition No. 6., the permittee shall record the Facility Name, Facility ID (77704804), Location, Date, Time, and Operator initials when water application or sweeping/scraping is used to control unconfined emissions of particulate matter from the facility.
[Rule 62-4.070(3), F.A.C.; as previously established in Construction Permit 7774804-008-AC]

19. Records Retention- All records shall be recorded in a permanent form suitable for inspection upon request by the Department and shall be kept at the facility for a minimum of the most recent five (5) year period.
[Rule 62-4.070(3), F.A.C.]

A. EU No.001 Drum Mix Asphalt Plant with Baghouse

This section of the permit addresses the following emissions unit EU.

EU ID No.	Emissions Unit Description
001	Drum Mix Asphalt Plant with Baghouse -

PERFORMANCE RESTRICTIONS

A.1. Federal Regulatory Requirements - This emission unit is subject to 40 CFR 60, Subpart I – Standards of Performance for Hot Mix Asphalt Facilities and the attached general provisions of 40 CFR 60, Subpart A, where applicable, which are adopted by reference in Rule 62-204.800(8), F.A.C.
[Rule 62-204.800(8), F.A.C.; 40 CFR 60, Subparts A and I]

A.2. Permitted Capacity - This emission unit is limited to the following operating parameters:

EU ID No.	Brief Description	Daily Average Maximum Production Rate of Hot Mix Asphalt Concrete (tons/hour)	Maximum Production of Hot Mix Asphalt Concrete (tons/consecutive 12-month period)
001	Drum Mix Asphalt Plant	400	850,000

[Rule 62-210.200 (definition of Potential to Emit), F.A.C.; Construction Permit 7774804-006-AC]

A.3. Authorized Fuel –

a. The following fuels are allowed to be used in the asphalt plant drum mix dryer -

(1) natural gas;

(2) new No. 2 distillate fuel oil with a maximum sulfur content of 0.5%;

(3) new No. 5 residual fuel oil with a maximum sulfur content of 0.87; and

(4) on-specification reclaimed No. 5 fuel oil with a maximum sulfur content of 0.87%.

b. Usage of all types of fuel oil (a.(2), (3) and (4) above) in the asphalt plant drum mix dryer shall not exceed a total of 2,000,000 gallons in any 12-consecutive month period.

[Rule 62-210.200 (definition of Potential to Emit), F.A.C.; as previously established in construction Permit 7774804-006-AC, and (for natural gas) as requested in construction permit application dated 03/02/09]

A.4. Restricted Operation - The drum mix asphalt plant is permitted to operate a maximum of 4,000 hours in any 12 consecutive month period.
[Rules 62-210.200 ("Potential to Emit"), F.A.C.; as previously established in Construction Permit 7774804-006-AC]

EMISSIONS STANDARDS

A.5. Visible Emission (VE) Limitation - Visible emissions associated with the asphalt concrete plant shall be less than 20% opacity, except when operating within a particulate matter maintenance area. More stringent visible emissions standards apply in air quality maintenance areas for particulate matter. When subject to both limits, the more stringent limit shall take precedence.
[40 CFR 60 Subpart I, 60.92(a)(2) and adopted by reference in Rule 62-204.800(8)(b)12, F.A.C.]

A.6. Particulate Matter (PM) Limitation - Particulate emissions, associated with the asphalt concrete plant, shall not exceed 0.04 grains per dry standard cubic foot averaged over a three (3) hour period.

(Permitting Note: Based on a design airflow rate of 38,000 dscfm and maximum permitted 4,000 hours/year of operation, the equivalent PM emissions are 13.03 pounds/hour and 26.06 tons/year)

[40 CFR 60 Subpart I, 60.92(a)(1) and adopted by reference in Rule 62-204.800(8)(b), F.A.C.]

COMPLIANCE TESTING REQUIREMENTS

A.7. Visible Emission (VE) Testing - In order to document compliance with Specific Condition No. A.5., the permittee shall test for visible emissions from the asphalt concrete plant's baghouse annually during each federal fiscal year (October 1 - September 30).
[Rule-62-297.310(7)(a), F.A.C.]

A.8. Particulate Matter (PM) Testing - In order to document compliance with Specific Condition No. A.6., the permittee shall test for particulate matter emissions from the baghouse of the asphalt concrete plant annually during each federal fiscal year (October 1 - September 30).
[Rule-62-297.310(7)(a), F.A.C.]

A.9. Test Requirements - Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(7)(a)9., F.A.C.]

A.10. Test Requirement - Fuel Type - The facility shall comply with the following:

a. A compliance test submitted when the dryer is fired with a natural gas will allow the dryer to be only fired with natural gas and up to a total of 400 hours on new No. 2 fuel oil, new No. 5 fuel oil, or on-specification reclaimed No. 5 fuel oil. Within 30 days of exceeding the 400th hour of firing the dryer with new No. 2 fuel oil, new No. 5 fuel oil, on-specification reclaimed No. 5 fuel oil, a new compliance test shall be conducted with the dryer fired with new No. 2 fuel oil, on-specification reclaimed No. 5 fuel oil or new No. 5 fuel oil, as appropriate based on which fuel oil type triggered the testing requirement and which fuel oil type the permittee plans to use in the future *(see b. and c. below)*.

b. A compliance test submitted when the dryer is fired with new No. 2 fuel oil will allow the dryer to be only fired with natural gas and new No. 2 fuel oil and up to 400 hours of firing new No. 5 fuel oil or on-specification reclaimed No. 5 fuel oil. Within thirty (30) days of exceeding the 400th hour of firing the dryer with new No. 5 fuel oil or on-specification reclaimed No. 5 fuel oil, a new compliance test shall be conducted with the dryer being fired with new No. 5 fuel oil, or on-specification reclaimed No. 5 fuel oil.

c. A compliance test submitted when the dryer is fired with new No. 5 fuel oil will allow the dryer to be fired with natural gas, new No. 2 fuel oil or new No. 5 fuel oil. Within thirty (30) days of

exceeding the 400th hour of firing the dryer with on-specification reclaimed No. 5 fuel oil, a new compliance test shall be conducted with the dryer being fired with on-specification reclaimed No. 5 fuel oil.

d. A compliance test submitted when the dryer is fired with No. 5 on-specification reclaimed fuel oil will allow the dryer to be fired with natural gas, new No. 2 fuel oil, new No. 5 fuel oil and/or on-specification reclaimed No. 5 fuel oil.

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

A.11. Test Requirement -Asphalt Concrete Type - If the last emissions compliance test was conducted when the asphalt plant was processing RAP, it shall limit the plant to only processing RAP. Once the plant is so limited, within thirty (30) days of processing virgin material, new compliance tests for particulates and visible emissions for the asphalt plant's baghouse shall be conducted using only virgin materials. A compliance test submitted when processing only virgin materials shall also allow the plant to process RAP.
[Rule 62-4.070(3)]

A.12. Compliance Test Methods - Required compliance tests shall be performed in accordance with the following reference methods:

Methods	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5 or 5A	Determination of Particulate Matter Emissions from Stationary Sources
9	Visual Determination of the Opacity of Emissions from Stationary Sources

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

NOTIFICATION REQUIREMENTS

A.13. Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required 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.]

RECORDKEEPING AND REPORTING REQUIREMENTS

A.14. Compliance Test Reports - The permittee shall prepare and submit reports for all required compliance tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. Include the following for the test period in the test report submittal*****:

a. facility name, facility ID (7774804) and Emission Unit number (EU 001);

b. date;

c. production rate of hot mix asphalt concrete in tons/hour, and whether RAP was used in the mix or not;

d. type and usage rate of fuel burned (gallons/hour or MMdscf/hour);

e. on-specification reclaimed No. 5 fuel oil analysis to document compliance with the on-specification reclaimed fuel oil limits (if applicable);

f. a copy of the log for the day the test was conducted and the monthly log for the month the test was conducted as required by Specific Condition No. A.15.; and

g. a visible emission test report for each RAP crushing system that used an off-site VE test to comply with Specific Condition No. B.8., since the previous asphalt plant emissions test *(see Specific Condition No. B.16.)*.

**Failure to submit this information may invalidate the test.*

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

A.15. Operation Records - In order to document continuing compliance with Specific Condition No. A.2. and A.3.b., the owner shall maintain the following records:

Daily**:**

a. facility name, facility ID No., emission unit ID No., and description (i.e., The Lane Construction Corporation, 7774804, EU 001, drum mix asphalt plant);

b. date;

c. total virgin asphalt concrete production (tons);

d. total asphalt concrete containing RAP production (tons);

e. total of both types (c. and d. above) of asphalt concrete production combined (tons);

f. total hours of operation while producing asphalt concrete (including RAP);

g. calculation of the daily average (tons/hour) production rate of asphalt concrete based on e. and f. above;

Monthly**:**

h. facility name, facility ID No., emission unit ID No., and description (i.e., The Lane Construction Corporation, 7774804, EU 001, drum mix asphalt plant);

i. total tons of both types of asphalt concrete produced for the month (tons);

j. most recent consecutive 12-month rolling total of asphalt concrete production based on i. above (tons/consecutive 12-month period);

k. most recent consecutive 12-month rolling total of hours of operation (hours/consecutive 12-month period);

l. type (New No. 2, new No. 5 or on specification reclaimed No. 5) and quantity of fuel oil burned (gallons) in the asphalt plant drum mix dryer (gallons); and

m. most recent consecutive 12-month rolling total of fuel oil (all types combined) consumed in the asphalt plant drum mix dryer (gallons/consecutive 12-month period).

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

A.16. Fuel Sulfur Content Record - In order to document continuing compliance with the fuel oil sulfur content limitations of Specific Condition No. A.3., the permittee shall keep records of the type of fuel oil (new No. 2 fuel oil, new No. 5 fuel oil, or on-specification reclaimed No. 5 fuel oil) and sulfur content (%S by weight) for all fuel oil delivered for use in the drum mix asphalt plant (EU 001). The fuel oil sulfur content shall be based on either vendor provided as-shipped analysis or on analysis of as-received samples taken at the plant. The analysis shall be determined by appropriate ASTM methods.
[Rule 62-4.070(3), F.A.C.]

A.17. Additional Fuel Oil Usage Recordkeeping - In order to determine compliance with Specific Condition No. A.10. the following records shall be kept:

a. If the last compliance test was conducted while the dryer was fired with natural gas, the permittee shall keep a daily record of dryer operating hours while firing new No. 2 fuel oil, new No. 5 oil, and on-specification No. 5 reclaimed fuel oil, along with a cumulative total of new No. 2 fuel oil, new No. 5 fuel oil and on-specification reclaimed No. 5 fuel oil, dryer operating hours since the last dryer compliance test**.

*(**Permitting Note - When new No. 2 fuel oil, new No. 5 fuel oil and/or on-specification reclaimed No. 5 fuel oil dryer operating hours since the last compliance test exceed 400 hours, then additional compliance testing is required (see Specific Condition No. A.10.).)*

b. If the last compliance test was conducted while the dryer was fired with new No. 2 fuel oil, the permittee shall keep a daily record of dryer operating hours while firing new No. 5 fuel oil and/or on-specification reclaimed No. 5 fuel oil, along with a cumulative total of new No. 5 fuel oil and/or on-specification reclaimed No. 5 fuel oil dryer operating hours since the last dryer compliance test*.

*(*Permitting Note - When new No. 5 fuel oil and/or on-specification No. 5 reclaimed fuel oil dryer operating hours since the last compliance test exceed 400 hours, then additional compliance testing is required (see Specific Condition No. A.10.).)*

c. If the last compliance test was conducted while the dryer was fired with new No. 5 fuel oil, the permittee shall keep a daily record of dryer operating hours while firing on-specification reclaimed No. 5 fuel oil, along with a cumulative total of on-specification reclaimed No. 5 fuel oil dryer operating hours since the last dryer compliance test*.

*(*Permitting Note - When on-specification No. 5 reclaimed fuel oil dryer operating hours since the last compliance test exceed 400 hours, then additional compliance testing is required (see Specific Condition No. A.10.).)*

[Rule 62-4.070(3), F.A.C.]

A.18. Natural Gas Fuel Usage Records - In order to provide the information necessary for preparation of the Annual Operation Report *(see Section 2, Item 9., and Section 5, Appendix C, Item 11.)*, the permittee shall monthly record the quantity of natural gas used in the drum mix asphalt plant. (Note: Records of total facility natural gas usage (MMdscf) will also satisfy this requirement.)
[Rules 62-4.070(3), F.A.C.]

A.19. Baghouse Differential Pressure Checks – The asphalt concrete plant baghouse differential pressure gauge shall be checked once each day of operation and the pressure readings (with pressure drop) recorded in a logbook and made available for inspection by the Department.
[Rule 62-4.070(3), F.A.C.]

B. EU No. 003 - Portable RAP Crushing System

This section of the permit addresses the following emissions unit (EU).

EU ID No.	Emissions Unit Description
003	Portable Reclaimed Asphalt Pavement (RAP) Crushing System -

(Permitting Note – This emission unit was previously permitted (as EU 004) at this location on Operation and Construction Permits 10501510017-AO and 1050151-018-AC (one combined document).

PERFORMANCE RESTRICTIONS

B.1. Federal Regulatory Requirements - This emission unit is subject to the attached Title 40, Code of Federal Regulations (CFR), Part 60, Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants and the general provisions of 40 CFR 60, Subpart A., where applicable.
[Rule 62-204.800(8), F.A.C.; NSPS 40 CFR 60 Subparts A and OOO]

B.2. Florida Air Permit Requirement - Every portable RAP crushing system operated at this facility shall have a valid Florida Air General Permit or a non-Title V relocatable air operation permit. While on site, any portable crushing system is also subject to all the terms and conditions contained in this Air Operation Permit.
[Rule 62-4.070 (3) F.A.C.]

B.3. Permitted Capacity - This emission unit is limited to the following operating parameters:

EU ID No.	Brief Description	Maximum Manufacturer's Rated Processing Capacity (tons/hour) *	Maximum Throughput of Reclaimed Asphalt Pavement (RAP) at this Facility (tons/consecutive 12-month period)
004	RAP Crushing System*	250**	300,000

* Only one RAP crushing system may operate on site at any one time.

** If an off-site visible emissions test *(see Specific Condition No. B.8.)* is used to demonstrate compliance with Specific Condition No. B.6., the crusher shall not be operated at rates greater than 110% of the actual processing rate measured during that test.

[Rules 62-210.200 ("Potential to Emit") and 62-297.310(2), F.A.C.; as previously established in Construction Permit 1050151-018-AC]

B.5. Maximum Emission Points - The crushing system located with the asphalt concrete plant shall not have more emission points and specific pieces of equipment than shown in the Table below. *(See Appendix H for a flow diagram of the RAP Crushing System)*

Emission Point No.	Brief Description
1	Front End Loader to Hopper
2	Crusher
3	Crusher to Conveyor 1
4	Conveyor 1 to Screen
5	Screen to Conveyor 2 (oversize)
6	Screen to Conveyor 4 (middle screen)
7	Screen to Conveyor 5 (lower screen)
8	Conveyor 5 to Conveyor 6
9	Conveyor 2 to Conveyor 3 (oversize)
10	Conveyor 3 (oversize) to Crusher
11	Screen
12	Stockpile 1
13	Stockpile 2

[Rule 62-210.200 ("Potential to Emit"), F.A.C. ; as previously established in Construction Permit 1050151-015-AC]

EMISSIONS STANDARDS

B.6. Visible Emissions (VE) Limitations - Each emission point associated with this emission unit shall comply with the following maximum visible emission limitations. *(See Appendix H for a flow diagram of the RAP Crushing System)*

Emission Point No.	Brief Description	Max.VE Limit (% Opacity)[1]	Max.VE Limit (% Opacity)[2]
1	Front End Loader to Hopper	<20*	<20*
2	Crusher inlet *(same testing location as EP No. 10 [3])*	15**	12**
3	Crusher to Conveyor 1	15**	12**
4	Conveyor 1 to Screen *(same testing location as EP No. 11 [4])*	10**	7**
5	Screen to Conveyor 2 (oversize)	10**	7**
6	Screen to Conveyor 4 (middle screen)	10**	7**
7	Screen to Conveyor 5 (lower screen)	10**	7**
8	Conveyor 5 to Conveyor 6	10**	7**
9	Conveyor 2 to Conveyor 3 (oversize)	10**	7**
10	Conveyor 3 (oversize) to Crusher *(same testing location as EP No. 2 [3])*	15**	12**
11	Screen *(same testing location as EP No. 4 [4])*	10**	7**
12	Conveyor 4 to Stockpile 1	<20*	<20*
13	Conveyor 6 to Stockpile 2	<20*	<20*

VE Limit Rule Basis: * Rule 62-296.320(4)(b), F.A.C. ** NSPS Subpart OOO 40 CFR 60.672(b)

Notes:

[1] For affected pieces of equipment that commenced construction, modification or reconstruction after 8/31/1983, but before 4/22/2008.

[2] For affected pieces of equipment that commenced construction, modification or reconstruction on or after 4/22/2008.

[3] For purposes of visible emissions (VE) testing EP Nos. 2 and 10 are one common emission point.

[4] For purposes of visible emissions (VE) testing EP Nos. 4 and 11 are one common emission point.

(NSPS Subpart OOO Applicability Note - Pursuant to 40 CFR 60.673(d), truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher (EP No. 1) is exempt from the requirements of this section, but must comply with Rule 62-296.320, F.A.C. Pursuant to the definition of a "Transfer Point" in 40 CFR 60.671, a transfer point in a conveying system operation is where the non-metallic mineral is transferred to or from a belt conveyor, except where the nonmetallic mineral is being transferred to a stockpile (EP Nos. 12 and 13.)

(Compliance Testing Permitting Note - Emission Point Nos. 1, 12 and 13 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.)

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

B.7. Unconfined Emissions of Particulate Matter - 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 and screen, and the conveyor drop points.
[Rule 62-296.320(4)(c), F.A.C.]

TESTING REQUIREMENTS

B.8. Visible Emissions Test Requirements - In order to determine compliance with the visible emission limitations of Specific Condition No. B.6. for each 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 B.9.)*, or shall test on-site according to Specific Conditions Nos. B.10. - B.12., below.

**Permitting Note: The most recent test shall not be older than the previous federal fiscal year.*

[Rule 62-4.070 (3) F.A.C.]

B.9. Off-Site Test Requirements - An off-site test may be accepted provided the required documentation listed in Specific Condition No. B.15. below can be provided to the Compliance Authority with the test report required in Specific Condition No. B.16., 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.
[Rule 62-4.070 (3) F.A.C.]

B.10. On-Site Test Requirements – If adequate documentation as required by Specific Condition No. B.8. is not available, the permittee shall test Emission Point Nos. 2 through 11 (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. 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.
[Rule 62-297.310(7)(a), F.A.C.]

B.11. Visible Emission Testing Requirements - 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.

c. The duration of the Method 9 observations must be 30 minutes (five 6-minute averages). Compliance with Specific Condition No. B.6., must be based on the average of the five 6-minute averages.

d. 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)]

B.12. Test Method - Required tests shall be performed in accordance with the following reference method.

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

The above method is described in Appendix A of 40 CFR 60 and is adopted by reference in Rule 62-204.800, F.A.C. No other method may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.100, F.A.C.; 40 CFR 60, Appendix A-4]

MONITORING REQUIREMENTS

B.13. Monitoring Requirements - If any affected piece(s) of the RAP 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)]

NOTIFICATION REQUIREMENTS

B.14. 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

B.15. On-Site Test Report Requirements - The permittee shall prepare and submit reports to the Compliance Authority for all required tests in accordance with the requirement specified in Appendix D (Common Testing Requirements) of this permit. The test report shall be submitted to the Compliance Authority and 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;

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 monthly log as required by Specific Condition No. B.17. for the month the test was conducted.

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

B.16. Off-Site RAP Crushing System Test Reports - When demonstrating compliance with Specific Condition No. B.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 test

report for the drum mix asphalt plant (EU 001) is submitted *(see Specific Condition No. A.14.).* The test reports must include the information specified in B.15. above.
[Rules 62-4.070(3) and 62-297.310(8), F.A.C.]

B.17. Operation Records - In order to document compliance with Specific Condition No. B.3., the permittee shall record the following while the crushing system is on-site:

Daily:

a. facility name, facility ID No. (7774804), emission unit ID No. (003), 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 RAP throughput (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 RAP throughput (tons);

g. most recent consecutive 12-month rolling total RAP throughput (tons/consecutive 12-month period);

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.]

B.18. Monitoring Records - If any affected piece(s) of equipment of the RAP 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. B.13.)*
[40 CFR 60, 60.674(b)]

B.19. General Recordkeeping Requirements - The permittee shall keep records for each RAP crushing system operated on site as follows:

a. owner name;

b. General or non-Title V Air Operation Permit number(s) (e.g., 7774804-010-AO) and permit effective date(s);

c. dates on site;

d. manufacturer's maximum rated capacity;

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)]

C. EU No. 004 - RAP Crusher Diesel Engine

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
004	Portable RAP Crusher Diesel Engine

PERFORMANCE RESTRICTIONS

C.1. Federal Regulatory Requirements - If the RAP crusher engine was manufactured after April 1, 2006 or modified or reconstructed after July 11, 2005, it will be subject to the requirements of Title 40, Code of Federal Regulations (CFR), Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines. As long as the permittee operates and maintains the engine according to the manufacturer's instructions or procedures over the entire life of the engine and the manufacturer keeps its certification, the engine is not required by the federal rule to demonstrate compliance with emission limits.
[40 CFR 60, Subpart IIII]

C.2. Permitted Fuel and Fuel Usage – Fuel used in the portable RAP crusher engine is limited as shown below:

Emission Unit No.	Fuel Oil Type	Max. Sulfur Content by Weight	Max. fuel oil usage in gallons per any consecutive 12-month period
004	New No. 2 Fuel Oil	0.05%	32,400*

(This does **not** include fuel used in the (exempt-from-permitting) RAP crushing system power generation engine used to provide power to the RAP Crushing System screens and conveyors .)*

[Rule 62-210.200 (Definition "Potential to Emit"), F.A.C.; as requested in construction permit application dated 03/02/09]

RECORDS AND REPORTS

C.3. Fuel Oil Recordkeeping Requirements - The permittee shall maintain the following records to document compliance with Specific Condition No. C.2.:

a. facility name, facility ID No. (7774804), and emission unit No. (EU 004);

b. a record for each shipment of new No. 2 fuel oil for use in the RAP crusher engine documenting that the sulfur content meets the sulfur content limitation of 0.05% sulfur, by weight*;

   * Fuel oil sulfur content shall be based on either vendor provided as-shipped analysis or on analysis of as-received samples taken at the plant. The analysis shall be determined by appropriate ASTM methods.

c. total RAP crusher engine fuel oil usage for the month (gallons/month);

d. the most recent consecutive 12-month period total RAP crusher fuel oil usage (gallons/consecutive 12-month period).

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