*** DRAFT PERMIT ***

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PERMITTEE

Roads, Inc.
106 Stone Boulevard
Cantonment, Florida 32533

Authorized Representative:
Cody Rawson, President

Air Permit No. 7775744-001-AC
Permit Expires:

Plant Name: Cantonment Asphalt Concrete Plant
Minor Source Air Construction Permit
Project Name: New Hot-Mix Asphalt Concrete Plant

This is the final air construction permit, which authorizes the construction of a new Hot-Mix Asphalt Concrete Plant. The proposed work will create a new asphalt concrete manufacturing facility (Standard Industrial Classification No. 2951). The facility will be located in Escambia County at 15 Becks Lake Road in Cantonment, Florida. The UTM coordinates are Zone 16, 469.51 km East, and 3386.67 km North. As noted in the Final Determination provided with this final permit, (no changes / 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

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 construction 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 Pensacola, Florida

(DRAFT)

_____ _____

Rick Bradburn, Air Program Administrator (Date)

CERTIFICATE OF SERVICE

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

Cody Rawson, Roads, Inc.: crawson@roadsinc.com
Debra J. Hitchcock, P.E.; Ascendant Solutions, LLC: dhitchcock@ascendantllc.net

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

Proposed Project

This project is to construct a new relocatable 300 tons per hour Almix uni-flow drum mix asphalt concrete plant, Model No. 10048, manufactured by Asphalt Equipment Company. The facility will contain an aggregate feed system, a drum dryer with a 100 MMBtu/hr burner, two electrically heated asphalt cement storage tanks (one 20,000 gallon and one 30,000 gallon tank), and three 100-ton electrically heated asphalt product storage silos. The primary fuel will be natural gas; however, the facility may burn No.2 and No. 4 fuel oil with a sulfur content of 0.6 % or less, by weight. The burner firing rate is 80.5 MM Btu/hr at the maximum plant operating rate. The maximum recycled asphalt pavement (RAP) usage rate will be 35% for the product mix. Particulate emissions from the plant will be controlled by a 62,000 cubic feet per minute relocatable Almix reverse air baghouse, Model No. 62KRA, which uses 780 Nomex bags, with a total cloth area of 13,470 ft^2 and an air-to-cloth ratio of approximately 4.6:1. The filter bags will be cleaned by reversing exhaust air back into the bags to remove the dust cake. The fines from the baghouse will be recycled into the asphalt mix. Fugitive emissions at the facility will result from uncontrolled process emissions, aggregate stockpiles and vehicular traffic. Front end loaders will be used to transfer aggregate from storage piles to the aggregate storage bins. Aggregate from the bins will be proportioned by calibrated belt feeders onto a common collecting belt, and then conveyed to a slinger conveyer which throws the material into the drying drum. After the aggregate is thoroughly dried, it is combined with RAP and baghouse fines, preheated to drive off moisture, and then mixed with hot liquid asphalt in the mixing drum to create the asphalt concrete product. The final product is conveyed by a fully enclosed chain conveyor to the storage silos for discharge into trucks.

Aggregate will be brought on site by trucks and stored in piles. A relocatable RAP crushing system, under an Air General Permit, may be operated at the facility periodically to provide RAP for the asphalt mix.

The facility is regulated under NSPS, 40CFR part 60, subpart I (Standards of Performance for Hot-Mix Asphalt Facilities) and Rule 62-210.300(3)(c)2., F.A.C. (Conditional Exemptions from Title V Permitting). The facility is a synthetic minor source with an annual throughput limit of 500,000 tons of asphalt concrete produced per year. Fuel oil consumption for the asphalt concrete plant, including the portable RAP crusher, is limited by applicant request to 1.1 million gallons in any consecutive 12-month period, and the fuel oil sulfur content is limited to 0.6% or less, by weight. These limitations requested by the applicant are stricter than the limits required by Rule 62-210.300(3)(c)2., F.A.C.

Based on the permit application received September 19, 2012, this facility is not a major source of hazardous air pollutants (HAP).

This project will create the following emissions units.

Facility ID No. 7775744

ID No.	Emissions Unit Description
001	Asphalt Concrete Plant with Baghouse
002	Portable RAP Crushing System

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of 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 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400 (PSD), F.A.C.

1. Permitting Authority: The permitting authority for this project is the Northwest District Air Resource Management Program, Florida Department of Environmental Protection (Department). The District's mailing address is 160 W. Government Street, Suite 308, Pensacola, Florida 32502-5740. All documents related to applications for permits to operate an emissions unit shall be submitted to the District Office.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the District Office at the above address or nwdair@dep.state.fl.us.

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.

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, 62-296 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: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

7. Source Obligation:

    (a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

    (b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

    [Rule 62-212.400(12), F.A.C.]

A. Asphalt Plant

This section of the permit addresses the following emissions unit.

ID No.	Emissions Unit Description
001	Asphalt Concrete Plant with Baghouse

EQUIPMENT

1. Equipment Name: The permittee is authorized to install a 300 TPH Hot-Mix Asphalt Concrete Plant with a baghouse. Equipment to be installed by this project include:

   a. Almix Duo Drum Mix Asphalt Concrete Plant, with a 100 MM Btu/hour Hauck Eco Star burner.
   b. Almix Baghouse, with a 200 HP electrically powered exhaust fan.
   c. Two electrically heated asphalt cement storage tanks (one 20,000 gallon and one 30,000 gallon tank).
   d. Three electrically heated 100-ton asphalt concrete product storage silos.
   [Application No. 7775744-001-AC]

PERFORMANCE RESTRICTIONS

2. Permitted Capacity: For compliance testing purposes only, the maximum allowable operating rate of the asphalt concrete plant is 300 tons of asphalt concrete mix produced per hour. [Rules 62-210.200(PTE) and 62-4.160(2), F.A.C., and Application No. 7775744-001-AC]

3. Production: The production rate of asphalt concrete (RAP or Non-RAP containing) shall not exceed 500,000 tons in any consecutive 12-month period. [Rules 62-4.160(2), 62-210.200(PTE) and 62-210.300(3)(c)2.a., F.A.C.]

4. Authorized Fuel: The facility may use natural gas or fuel oil. The total combined amount of fuel oil consumed by the asphalt concrete plant, including the portable RAP crusher and other stationary oil burning equipment, shall not exceed 1.1 million gallons in any consecutive 12-month period. The facility may not use fuel oil that has a sulfur content of more than 0.6% by weight. [Rules 62-210.200(PTE) and 62-210.300(3)(c)2.b. & c., F.A.C., requested by applicant and Application No. 7775285-001-AC]

5. Restricted Operation: The hours of operation of the emissions unit are not limited (8,760 hours per year). [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

EMISSIONS STANDARDS

6. Emissions Standards:

   a. Particulate Matter. Particulate matter emissions, associated with the asphalt concrete plant, shall not exceed 0.04 grains per dry standard cubic foot averaged over a three-hour period. [Rules 62-204.800(8)(b)12 and 62-210.300(3)(c)2.d., F.A.C.; 40 CFR 60.92(a)(1), and Application No. 7775744-001-AC]

   b. Visible Emissions. Visible emissions, associated with the asphalt concrete plant shall be less than 20% opacity. [Rules 62-204.800(8)(b)12 and 62-210.300(3)(c)2.f., F.A.C., 40 CFR 60.92(a)(2), and Application No. 7775744-001-AC]

TESTING REQUIREMENTS

7. Initial Compliance Tests: The emissions unit shall be tested to demonstrate initial compliance with the emissions standards for Particulate Matter and Visible Emissions. The initial tests shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the

unit. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

8. Annual Compliance Tests: During each federal fiscal year (October 1 to September 30), the emissions unit shall be tested to demonstrate compliance with the emissions standards for Particulate Matter and Visible Emissions. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. Rules 62-297.310(7)(a)4 and 62-210.300(3)(c)2.i. F.A.C.]

   An annual compliance test for Particulate Matter shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours. A Visible Emissions test is still required to be performed annually according to Rule 62-297.310(7)(a)4, F.A.C. [Rule 62-297.310(7)(a)5., F.A.C.]

9. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Notification may be sent via e-mail to nwdair@dep.state.fl.us. 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.]

10. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
5 or 5A	Determination of Particulate Emissions from Stationary Sources or Determination of Particulate Emissions from the Asphalt Processing and Asphalt Roofing Industry
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 Rules 62-204.800 and 62-297.401, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-204.800 and 62-297.401, F.A.C.; and Appendix A of 40 CFR 60]

MONITORING REQUIREMENTS

11. Baghouse Operating Parameters The operation of the Almix baghouse shall be properly adjusted to maintain a 1 to 3 iWC pressure drop across the bags at all times to control particulate emissions. The pressure drop shall be checked twice per day and the pressure readings recorded in a logbook and made available for inspection by the Department. [Rules 62-4.160(2) and 62-4.070(3), F.A.C., and Application No. 7775744-001-AC]

RECORDS AND REPORTS

12. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(8), F.A.C.]

13. Operational Data: Permittee shall check and record the baghouse pressure differential twice per day and record readings in a logbook. The logbook shall be made available for inspection by the Department. [Rules62-4.070(3) and 62-4.160(2), F.A.C.]

14. Recordkeeping: The owner or operator shall maintain records to document the monthly and the 12-month rolling totals of tons of asphalt concrete produced, the gallons of fuel oil consumed by the asphalt concrete plant, including the portable RAP crusher engine and other stationary oil burning equipment. The owner shall maintain records to demonstrate that each shipment of fuel oil has 0.6% or less sulfur and that the sulfur content was determined by ASTM methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94 or ASTM D4294- 90, adopted and incorporated by reference in Rule 62- 297.440(1), or updated versions

of the referenced ASTM methods approved by the Department. Such records shall be retained for five years. [Rules 62-4.070(1) and 62-210.300(3)(c)2.g., and Application No. 7775744-001-AC]

PORTABLE RAP CRUSHERS

15. Any portable RAP crusher operating at this facility is subject to all the terms and conditions of its current Air General (AG) Permit and any denoted applicable condition of this Air Operating Permit. A portable RAP crusher shall be tested in accordance with its current AG permit requirements. [Rule 62-4.070(1), F.A.C.]

LOCATION, RELOCATION, CO-LOCATION

16. Relocation Prior to any relocation of the asphalt concrete plant, the owner or operator must submit for Department approval a Notification of Intent to Relocate Air Pollutant Emitting Facility [DEP Form 62-210.900(6)] and a $250 minor modification application fee to the appropriate District office at least 30 days prior to the relocation. You can obtain a permit application form or apply for permit renewal electronically at: http://www.dep.state.fl.us/air/emission/permitting.htm. The supplemental requirements of the form include:

    1. Provide a scale map (e.g., the relevant portion of a USGS topographic map) showing the proposed new location of the facility and points of air pollutant emissions in relation to roads and other features of the surrounding area.
    2. If relocating to a different DEP district or local air permitting office area of jurisdiction, provide a copy of the most recent compliance test report.

    The Department shall require Permittee to publish public notice of Proposed Agency Action, which shall be provided by the Department prior to issuance of authorization for the relocation. Proof of publication may be submitted by electronic mail to nwdair@dep.state.fl.us.
    [Rule 62-210.900(6), F.A.C., and Application 7775744-001-AC]

17. This permit is a conditional exemption from Title V permitting in accordance with Rule 62-210.300(3)(c)2, F.A.C. An asphalt plant claiming this exemption from Title V air permitting shall not collocate with, or relocate to, any Title V source; nor shall it create a Title V source in combination with any other collocated facilities, emissions units, or pollutant-emitting activities, including any such facility, emissions unit, or activity that is otherwise exempt from permitting. [Rule 62-210.300(3)(c)2.j., F.A.C]

NSPS REQUIREMENTS

18. 40 CFR 60 Requirements Incorporated. All requirements of Title 40, Code of Federal Regulations, part 60, subpart A, General Provisions, and Subpart I, Standards of Performance for Hot-Mix Asphalt Facilities, applicable to this source shall be adhered to. [Rule 62-204.800(8)(b), F.A.C.]

Section III. Emissions Unit(s) and Conditions.

Subsection B. This section addresses the following emissions unit.

Facility ID No. 7775744	
EU ID No.	**Emissions Unit Brief Description**
002	Portable RAP Crushing System

A portable RAP crushing system, with a current air general permit, may be operated at the facility periodically to provide RAP for the asphalt mix, as requested by the Permittee in Application No. 7775744-001-AC, received September 19, 2012. To ensure that the facility remains a Non-Title V facility, the facility-wide limits shall also include the periodically operated portable RAP crushing system. Overall RAP processing is limited to 200,000 tons per consecutive 12-month period.

The crushing system is not enclosed in a building. There are no stacks or baghouses associated with the crushing system. The crushing system is subject to New Source Performance Standards (NSPS) 40 CFR 60subpart OOO, Standards of Performance for Non-Metallic Mineral Processing Plants, and to 40 CFR 60 subpart A, General Provisions. [Rules 62-204.800(8)(b)12 & (d), F.A.C.]

The following specific conditions apply to the emissions unit listed above:

Operating Authorization

1. This facility may operate a nonmetallic mineral processing plant on this site as allowed by its current air general permit and this permit. The crushing system is subject to its current air general permit. In case of conflict, this permit shall supersede the air general permit. [Rule 62-210.310(5)(e)5, F.A.C., and Application No. 7775744-001-AC]

Essential Potential to Emit (PTE) Parameters

2. Capacity. The maximum permitted operating rate for the RAP crushing system is 200,000 tons per consecutive 12 months. [Rule 62-210.200, F.A.C.; and Application No. 7775744-001-AC]

3. Fuel Types and Usage. Total combined fuel oil consumption for the asphalt concrete plant, crushing system and other stationary oil burning equipment shall not exceed 1.1 million gallons in any consecutive 12-month period**.** The facility may not use fuel oil that has a sulfur content of more than 0.6% by weight. [Rules 62-210.200(PTE) and 62-210.300(3)(c)2.b, F.A.C., requested by applicant and Application No. 7775744-001-AC]

4. Florida Air Permit Requirement. Authorization for Crushing System Operations. The operation of any currently Air General (AG) permitted crushing system is allowed as long as the following criteria are complied with:

a. Collocation Requirements. Collocation of the crushing unit does not create a Title V source;
b. Requirements. The crushing unit meets the requirements of this permit and its AG permit.
c. Notification. The portable crushing system owner or operator shall notify the Department's Northwest District in writing prior to the relocation of a crusher to this facility's site, in addition to meeting the relocation notification requirements of Rule 62-210.310(5)(e)3.f, F.A.C.

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

Emissions Standards

5. Emissions Standards. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO:
(1)

Brief Description	Maximum Percent Opacity	
Portable Crusher	15%[1]	12%[2]
*Hopper (Non-40 CFR 60 Subpart OOO)	<20%	
All conveyor Belt Transfer Points	10%[1]	07%[2]
All Screens	10%[1]	07%[2]
All other Non-NSPS Points	<20%	
Crusher Diesel Engine	<20%	

[1] For crushers and affected pieces of equipment (e.g., screens) that commenced construction, modification or reconstruction after 8/31/1983, but before 4/22/2008.
[2] For crushers and affected pieces of equipment (e.g., screens) that commenced construction, modification or reconstruction on or after 4/22/2008.
[Rules 62-210.200 ("Potential to Emit") and 62-296.320(4)(b), F.A.C.; 40 CFR 60.672]

*{*Permitting Note: Visible emissions from the transfer of material into the hopper and onto the coarse and fine storage piles are covered under the facility-wide visible emission limitation of 20%. These transfer points do not require visible emissions testing.}*

6. Opacity Standard - Exceptions. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: The opacity standards stated above, apply at all times except during periods of startup, shutdown, and malfunction of the emissions unit. [40 CFR 60.11(c), and Rule 62-204.800(8), F.A.C.]

7. Subpart A – General Provisions. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: The owner or operator shall comply with the applicable requirements of 40 CFR 60 subpart A – General Provisions. [40 CFR 60.1(a) and Rule 62-204.800(8), F.A.C.]

Testing Requirements

8. Visible Emissions Test Requirements. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: In order to determine compliance with the visible emission limitations for the crushing system that is brought on site, Permittee shall maintain on site either documentation of the most recent annual visible emissions test that complies with the crushing system's General Permit requirements prior to locating at this site or shall test on site. The most recent test shall not be older than the previous federal fiscal year. [Rule 62-4.070(3), F.A.C.]

9. Off-Site Test Requirements. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: An off-site test may be accepted by the Department provided the required documentation listed in Records and Reports below can be provided to the Compliance Authority with the test report. 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, 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.]

10. On-Site Test Requirements. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: If adequate documentation is not available, Permittee shall test 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) that the crushing system is on site. [Rules 62-4.070(3) and 62-297.310 (7)(a), F.A.C.]

11. Visible Emissions Testing Requirements. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: On-site visible emissions testing shall be conducted in accordance with the following:

a. The duration of the Method 9 observations must be 30 minutes (five six-minute averages). Compliance with the VE opacity limit must be based on the average of the five six-minute averages.

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

12. Test Method. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 Subpart OOO: Required tests shall be performed in accordance with the following reference methods.

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 62-297.401, F.A.C.; and 40 CFR 60, Appendix A]

Monitoring Requirements

13. Monitoring Requirements. If any affected piece(s) of equipment of the concrete 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 60.674(b)]

Notification Requirements

14. On-Site Test Notification. 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 telephone number of the person conducting the test. The notification should also include the relevant emissions unit ID No(s)., test method(s) to be used, and pollutants to be tested. Notification may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

Records and Reports

15. On-Site Test Report Requirements. Permittee shall prepare and submit to the Compliance Authority reports for all required tests in accordance with the requirements specified below. Reports may be submitted by electronic mail to nwdair@dep.state.fl.us. The test report must include the following:

a. owner name;
b. current Air General Permit number;
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 operating logs for the day and month the test was conducted.

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

16. Off-Site RAP Crushing System Test Reports. When demonstrating compliance by the visible emissions test, permittee shall maintain a copy of the most recent VE test report for each crushing system that operated on site. [Rule 62-4.070(3) F.A.C.]

17. Crusher Operation Records. In order to document crusher compliance, Permittee shall require the crushing contractor to record and provide to the Permittee the following, while the crushing system is on site:

a. Facility name, facility ID No., emissions unit ID No., crushing system owner's name, Florida General or non-Title V Air Operation Permit No., crushing system serial number and any other identification information so each crushing system can be clearly distinguished from another crushing system;
b. Operating configuration while on-site to include specific pieces of equipment, emission points;
c. Date of most recent visible emissions test and a copy of the test report;
d. Date brought on site, date removed from site;
e. Hours of operation: per day*, per month and per rolling 12-month total; and,
f. Concrete throughput in tons: per day, per month and per rolling 12-month total.
   * If the crushers' engines have run-time hour meters, it is acceptable to log, on the last day of each month, the run hours reading and not have a daily hour's entry in the log.

This information shall be available no later than the last working day of the month following the end of each calendar month and shall be made available for inspection upon request by the Department.
[Rule 62-4.070(3) F.A.C.]

18. Monitoring Records. This specific condition does not apply if the portable concrete crushing system is not subject to 40 CFR 60 subpart OOO: If any affected piece(s) of equipment of the concrete 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. [40 CFR 60, 60.674(b)]

Recordkeeping: The owner or operator shall maintain records to document the gallons of fuel oil consumed by the portable RAP crusher engine. The owner shall maintain records to demonstrate that each shipment of fuel oil has 0.6% or less sulfur and that the sulfur content was determined by ASTM methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94 or ASTM D4294- 90, adopted and incorporated by reference in Rule 62-297.440(1), or updated versions of the referenced ASTM methods approved by the Department. Such records shall be retained for five years. [Rules 62-4.070(1) and 62-210.300(3)(c)2.g., and Application No. 7775744-001-AC]

Additional NSPS and NESHAP Requirements

19. NSPS Reciprocating Internal Combustion Engine Requirements. If any engine or power generator at the facility is or becomes subject to 40 CFR 60 subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, or 40 CFR 60 subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines 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.]

20. NESHAP Reciprocating Internal Combustion Engine Requirements. A diesel engine in a relocatable unit, such as a crusher, is not considered a stationary engine and is thus not subject to NESHAP 40 CFR 63 subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), unless the engine stays in the same location at the facility for more than 12 consecutive months. If the crushing system stays at the same location at this facility for more than 12 consecutive months, the diesel engine in the crushing system becomes a stationary engine subject to 40 CFR 63 subpart ZZZZ. [40 CFR 60.4200(a)(2) and Rule 62-210.300(3)(a)35, F.A.C.]