CompName
PlantName
Facility ID No.: FacIDNo
CountyName County

Air Operation Permit
Permit No.: AirPermNo

Permitting and Compliance Authority
Department of Environmental Protection
Northwest District Office
160 W. Government Street, Suite 308
Pensacola, FL 32502-5740
Telephone: 850.595.8300
Fax: 850.595.8393

Air Operation Permit
Permit No.: AirPermNo

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
160 West Government Street, Suite 308
Pensacola, Florida 32502-5794

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

February 6, 2014

Permittee:
CompName
Milton Plant

Permit No.: AirPermNo
Facility ID No.: FacIDNo
SIC No(s).: 29, 2951
Project: Air Operation Permit

This permit is for the operation of the Group III Asphalt, Inc., Milton Plant located at FacAddress, FacCity, CountyName County; UTM Coordinates: Zone 16, 495.2 km East and 3384.8 km North; Latitude: 30° 35' 50" North and Longitude: 87° 03' 37" West.

STATEMENT OF BASIS: This air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 62-210. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

Effective Date: February 6, 2014
Renewal Application Due Date: December 8, 2018
Expiration Date: February 6, 2019

_____/s/_____
J. Charles Harp
Program Administrator
Waste Management/Air Resources

JCH/cac-dm/m

Section I. Facility Information.

This renewal operating permit follows Permit 7775008-011-AO, effective February 25, 2009, and incorporates Emissions Unit (EU) 006, Portable RAP (Recycled Asphalt Pavement) Crusher, to be consistent with rule language established in Rule 62-210.310(5)(e)5, F.A.C.: No nonmetallic mineral processing plant using this air general permit shall perform a task routinely done at the individually permitted facility, such as crushing RAP at an asphalt plant, unless operation of the nonmetallic mineral processing plant is authorized by the air construction permit or non-Title V air operation permit, as applicable, for the permitted facility.

Subsection A. Facility Description.

This facility is an asphalt concrete plant constructed (or last modified) on April 17, 2008. The relocatable rotating drum mix asphalt plant is manufactured by Terex Corporation. The fuel oil fired burner has a heat input of 96.8 MMBTU/hr. Particulate emissions from the plant are controlled by a baghouse, manufactured by CMI. The fines from the baghouse are recycled into the asphalt mix. The plant has an operating capacity of 300 tons of asphalt mix per hour. Fugitive emissions at the facility result from uncontrolled process emissions, aggregate stockpiles, and vehicular traffic.

The rotating drum is a model E3 300PTD of triple drum and counter-flow design. It is equipped with a Hauck Starjet burner Model 520. Fuels will be No. 2 Distillate Oil, No. 4 fuel oil and on-specification ("on-spec") used oil, with a maximum sulfur content of 0.8 percent. On-specification used oil is defined as used oil that meets the specifications of 40 CFR Part 279 - Standards for the Management of Used Oil. A maximum of 50 percent recycled RAP may be used with virgin materials. A current Air General permitted portable RAP crushing unit may be operated at the facility periodically to provide RAP for the asphalt mix.

Particulate matter (PM) emissions created by the drum mixer are controlled by an inertial separator pre-cleaner and a baghouse (BH-1). The pre-cleaner removes heavier particles from the air stream to protect the filtering bags from the impact of heavier particles. Heavy particulates from the pre-cleaner are delivered via screw conveyor directly to the drum mixer. The dust return system conveys heavy dust fines back to the drum mixer. BH-1 is a Model RA3-18 PTD, rated at 58,000 ACFM at 300°F. It is equipped with 716 bags, totaling 12,888 SF of cloth. Light fines may be directly returned, wasted or pneumatically loaded into a 500-barrel dust storage silo, model MFS 500. This storage silo is equipped with a pulse jet baghouse (BH-2) and equipped with 16 bags, totaling 159 SF. The bottom of this silo is equipped with a rotary valve, which discharges dust into a weigh pod to continuously measure the amount of dust collected by BH-1. Dust is augured from this pod directly into the drum dryer. This silo can double in the future as a dry additive silo. When this happens, dry additive will be delivered to the site by truck tanker in approximately 25-ton loads and pneumatically blown into the silo.

The liquid asphalt cement heater is a CEI 2400 heater with a maximum fuel input for oil at 20 gallons per hour. The 2.82 MMBTU per hour liquid asphalt cement heater and BH-2 are exempt from permitting by Rule 62-210.300(3)(b)1.b., F.A.C., based on their potential emissions being less than 5 tons per year. The heater burner uses 0.6 percent sulfur content fuel oil, (limited by permittee request) and operates intermittently. BH-2 also operates intermittently. However, the heater and BH-2 are still subject to facility wide limits of opacity.

The facility is regulated under NSPS, 40CFR Part 60, subpart I (Standards of Performance for Hot Mix Asphalt Facilities, provided the facility was built or last modified on or after June 11, 1973), NSPS, 40 CFR Part 60, subpart OOO (Standards of Performance for Nonmetallic Mineral Processing Plants, provided the facility was built or last modified on or after August 31,1983), NSPS, 40 CFR Part 60, subpart A (General Provisions), 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 annual throughput limited to 500,000 tons of asphalt concrete per year. The fuel oil consumption for the asphalt concrete plant (dryer and asphalt heater) and portable RAP crusher is limited to 1.2 million gallons in any consecutive twelve-month period.

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

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U. ID No.	Brief Description
005	Hot Mix Asphalt Plant
006	Portable RAP Crushing System

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are on file with permitting authority:
Permit Application received December 13, 2013

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. All listed Appendices are part of this permit.

2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. Permittee shall not cause, suffer, allow, or permit the discharge of air pollutants that cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C., and Permit 7775008-010-AC]

3. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. [Rules 62-296.320(4)(b)1. & 4., F.A.C., and Permit 7775008-010-AC]

4. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. Permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department. Except as noted in this permit nothing is deemed necessary and ordered at this time. [Rule 62-296.320(1), F.A.C., and Permit 7775008-010-AC]

5. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

a) Paving and maintenance of roads, parking areas and yards.
b) Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
c) Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
d) Landscaping or planting of vegetation.
e) Enclosure or covering of conveyor systems.

[Rule 62-296.320(4)(c), F.A.C.; and Permit 7775008-010-AC]

6. Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standards contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests that identify the nature and quantity of pollutant emissions from the emissions unit and to provide one copy of a report on the results of said tests to the Department. 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)(b) and 62-297.620(4), F.A.C.]

7. Asbestos. This permit does not authorize any demolition or renovation of the facility or its parts or components which involves asbestos removal. This permit does not constitute a waiver of any of the requirements of Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, National Emission Standard for

Asbestos, adopted and incorporated by reference in Rule 62-204.800, F.A.C. Compliance with Chapter 62-257, F.A.C., and 40 CFR 61, Subpart M, Section 61.145, is required for any asbestos demolition or renovation at the source. [40 CFR 61; Rule 62-204.800, F.A.C.; and, Chapter 62-257, F.A.C.]

8. Permit Renewal Requirements. Sixty days prior to the expiration date of this operation permit, Permittee shall submit a permit renewal application using the current version of the renewal form along with the processing fee established in Rule 62-4.050(4), F.A.C., to the Northwest District Office of the Department. You can obtain a permit application form or apply for permit renewal electronically at the following web address: http://www.dep.state.fl.us/air/rules/forms/application.htm. [Rule 62-4.090, F.A.C.]

9. Annual Operating Report. An Annual Operating Report for Air Pollutant Emitting Facility, DEP Form 62-210.900(5), shall be submitted for each year by April 1 of the following year. A copy of the form and instructions may be obtained from the Department's Northwest District office or electronically at http://www.dep.state.fl.us/air/rules/forms/aor.htm. If the report is submitted using the Department's electronic annual operating report (EAOR) software, there is no requirement to submit a copy to any DEP or local air program office. The EAOR software is available at http://www.dep.state.fl.us/air/emission/eaor/default.htm. [Rule 62-210.370(3)(c), F.A.C.]

10. Permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northwest District Office:

Department of Environmental Protection
Northwest District Waste Management/Air Resources Program
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740
Telephone: 850.595.8300; Fax: 850.595.8393

Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us.

11. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is 850.595.8300, day or night, and for emergencies involving a significant threat to human health or the environment is 800.320.0519. For routine business, telephone 850.595.8300 during normal working hours. [Rules 62-210.700 and 62-4.130, F.A.C.]

12. Environmental Compliance Plan (ECP). This plan outlines the procedures Permittee incorporates during the normal operation of this facility and provides necessary assurance that the facility will operate in compliance. Permittee shall follow all procedures outlines in the most recently approved plan (Appendix ECP-1). Proposed changes to the ECP shall be submitted to the Department for approval prior to implementation. [Rule 62-4.070, F.A.C.]

{Permitting Note: An Environmental Compliance Plan should be a living document that provides procedures to help in maintaining the subject facility in compliance with applicable air regulations. Keeping this document up to date with the facility's current activities will not require any permit action; however, modifications shall be submitted to the Department for approval. This does not alleviate the facility from the air construction permitting requirements for facility modifications, per Rule 62-210.300(1)(a), F.A.C.}

Section III. Emissions Unit(s) and Conditions.

Subsection A. This section addresses the following emissions unit.

E.U. ID No.	**Brief Description**
005	Hot Mix Asphalt Concrete Plant

The triple rotating drum dryer mixer is a counter-flow design, Model E 3 300 P, equipped with a Hauck Starjet burner Model 520, with a maximum heat input of 96.8 MMBTU/hr. The allowed fuels are No. 2 Distillate Oil, No. 4 fuel oil and on-specification ("on-spec") used oil, with a maximum sulfur content of 0.8 percent. A maximum of 50 percent RAP may be used with virgin materials.

PM emissions created by the drum mixer are controlled by an exhaust system consisting of exhaust ductwork leading from drum intake hood, inertial separator pre-cleaner, baghouse (BH-1) exhaust blower and vertical stack discharging air from the blower. This baghouse (BH-1) is Model RA3-18 PTD, rated at 58,000 ACFM at 300°F (21,729 DSCFM). It is equipped with 716 bags, totaling 12,888 SF of cloth. Heavy particulates from pre-cleaner will be delivered via screw conveyor directly to drum dryer. The dust return system conveys heavy dust fines back to the drum mixer. Light fines may be directly returned, wasted or pneumatically loaded into a 500-barrel dust storage silo, model MFS 500. This storage silo is equipped with a pulse jet baghouse (BH-2) with 16 bags, totaling 159 SF.

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

Essential Potential to Emit (PTE) Parameters

A.1. Capacity. The maximum allowable operating rate of the asphalt concrete plant is 300 tons of asphalt concrete mix produced per hour. RAP may be used for up to 50 percent of the product mix. [Rules 62-4.070(3), 62-210.200(PTE), F.A.C., and Permit 7775008-010-AC]

{Permitting Note: Caution! Capacity may be limited to less than the maximum permitted capacity based on the most recent compliance test if it was conducted at less than the maximum permitted capacity. [Rule 62-297.310(2), F.A.C.]

A.2. 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 62-4.070(3), 62-210.200(PTE), 62-210.300(3)(c)2.a, F.A.C., and Permit 7775008-010-AC]

A.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.]

A.4.a. Fuel Types and Usage. Total fuel oil consumption (for the asphalt heater, dryer and portable RAP crusher, if any) shall not exceed the Title V exemption limit of 1.2 million gallons in any consecutive 12-month period. The hot drum mixer and RAP crusher shall operate using No. 2 or No. 4 fuel oil or on-spec used oil, with a maximum sulfur content of 0.8 percent by weight or less. The liquid asphalt heater shall operate with No. 2 fuel oil with a maximum sulfur content of 0.6 percent by weight or less. [Rules 62-204.800(8)(b)13, 62-210.300(3)(c)2.b. and c., F.A.C., and Permit No. 7775008-010-AC

A.4.b. On-spec used oil is allowed in this emission unit, in accordance with all other conditions of this permit and the following. On-spec used oil is defined as used oil that meets the specifications of 40

CFR 279 - Standards for the Management of Used Oil, listed below. The owner shall maintain records to demonstrate that each shipment of used oil meets the specifications of 40 CFR 279. Used oil that fails to comply with any of these specification levels is considered "off-specification" used oil. "Off-specification" used oil shall not be burned.

CONSTITUENT/PROPERTY	ALLOWABLE LEVEL
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	1000 ppm maximum
Flash point	100 degrees F minimum

[Rules 62-210.200(PTE) and 62-210.300(3)(c)2.b and c., F.A.C.]

Emission Limitations and Standards

A.5. Particulate Matter. Particulate 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)13., 62-210.300(3)(c)2.d, F.A.C.; 40 CFR 60.92 (subpart I); and, Permit 7775008-010-AC]

A.6. Visible Emissions. Visible emissions, associated with the asphalt concrete plant, shall be less than 20% opacity. [Rules 62-204.800(8)(b)13 and 62-210.300(3)(c)2.f., F.A.C., 40 CFR 60.92 (Subpart I); and Permit 7775008-010-AC]

Test Methods and Procedures

A.7. Particulate Matter. The test method for particulate matter shall be EPA Method 5 or 5A, incorporated and adopted by reference in Chapter 62-297, F.A.C. [Rules 62-210.300(3)(c)2.i and 62-297.401, F.A.C.]

A.8. Visible Emissions. The test method for visible emissions shall be EPA Method 9 (30 minutes), incorporated and adopted by reference in Chapter 62-297, F.A.C. [Rules 62-210.300(3)(c)2.i and 62-297.401, F.A.C.]

A.9.a. Required Testing. Visible Emissions and PM tests associated with the asphalt concrete plant, are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. The tests shall be conducted once during each federal fiscal year (October 1 through September 30). The VE test shall be conducted during one of the PM test runs. The Permittee shall notify the Department at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us. [Rules 62-4.070(1), 62-210.300(3)(c)2.i, 62-297.310(7), 62-297.401(5) and (9), F.A.C., and Permit 7775008-010-AC]

A.9.b. Test Reports. The test reports, associated with the asphalt concrete plant, shall comply with applicable portions of Rule 62-297.310(8), F.A.C. The Department can require special compliance tests in accordance with Rule 62-297.310(7)(b), F.A.C. Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing. [Rules 62-297.310(7)(b) and 62-297.620(1), F.A.C.]

A.9.c. Operating Rate During Testing. Testing of emissions, associated with the asphalt concrete plant, shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined

as 90-100 percent of the maximum operation rate allowed by the permit. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the maximum permitted capacity; in this case subsequent emissions unit operation is limited to 110 percent of the test rate until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 days for purposes of additional compliance testing to regain the authority to operate at the permitted capacity, with prior notification to the Department. [Rules 62-297.310(2) and 62-4.070(1), F.A.C.]

A.10. Determination of Process Variables

(a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10 percent of its true value. [Rule 62-297.310(5)(a) and (b), F.A.C.]

A.11. Required Stack Sampling Facilities for the Asphalt Concrete Plant. Sampling facilities include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, subparts D and E (See Appendix SS-1). [Rule 62-297.310(6), F.A.C.]

Monitoring, Recordkeeping and Reporting Requirements

A.12. Baghouse Operating parameters. The operation of the baghouse shall be properly adjusted to maintain a 1 inch to 6 inch W.G. pressure drop across the bags at all times. The pressure differential shall be checked twice per day and the pressure readings recorded in a logbook and made available for inspection by the Department. [Rule 62-4.070(3), F.A.C., and Appendix ECP-1, Environmental Compliance Plan]

A.13. Records. 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 and on-spec used oil consumed by the asphalt concrete plant, asphalt heater and the portable RAP crusher, and the hours of operation. The owner or operator shall maintain records to demonstrate that each shipment of fuel oil for use by the asphalt concrete plant and the portable RAP crusher has 0.8 percent or less sulfur, and 0.6 percent or less sulfur for the asphalt heater. The owner or operator shall maintain records to demonstrate 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), F.A.C., or updated versions of the referenced ASTM methods. These records of fuel oil usage, sulfur content and sulfur determination method shall be maintained and made available for Department inspection. Such records shall be retained for five years. [Rules 62-4.070(1), 62-210.300(3)(c)2.b., c., and g., F.A.C., and Permit 7775008-010-AC]

Location, Relocation, Co-Location

A.14. 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

modification electronically at: http://www.dep.state.fl.us/air/rules/forms.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 Permit 7775008-010-AC]

A.15. 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 concrete 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)) and 62-210.300(3)(c)2.j., F.A.C.]

NSPS Requirements

A.16. 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. [Rules 62-204.800(8)(d) and 62-204.800(8)(b)13, F.A.C.]

Subsection B. This section addresses the following emissions unit.

E.U. ID No.	Brief Description
006	Portable RAP Crushing System

The portable RAP crusher will be brought on site as needed by a third party and will operate under its current air general permit issued by the Department. The portable crusher is subject to New Source Performance Standards (NSPS), subpart OOO—Standards of Performance for Nonmetallic Mineral Processing Plants if crushers and affected pieces of equipment (e.g., screens) commenced construction, modification or reconstruction after 8/31/1983.

The engine is a non-road engine as defined in 40 CFR §1068.30 and 40 CFR 63subpart ZZZZ (RICE). 40 CFR 60 subpart IIII applies to stationary compression ignition internal combustion engines that are not non-road engines.

According to Rule 62-210.310(5)(e)5, F.A.C., no nonmetallic mineral processing plant using this air general permit shall perform a task routinely done at the individually permitted facility, such as crushing RAP at an asphalt plant, unless operation of the nonmetallic mineral processing plant is authorized by the air construction permit or non-Title V air operation permit, as applicable, for the permitted facility.

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

Operating Authorization

B.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.]

Essential Potential to Emit (PTE) Parameters

B.2. Capacity. The maximum permitted operating rates for the RAP crushing system are 250 tons per hour and 250,000 tons per consecutive 12 months. [Rule 62-210.200, F.A.C., and Application No. 7775008-012-AO]

B.3. Fuel Types and Usage. Total fuel oil consumption for the portable RAP crusher shall not exceed the Title V exemption limit. [Rule 62-210.300(3)(c)2.b, F.A.C.]

B.4. Florida Air Permit Requirement. Authorization for Crusher Operations. The operation of any currently Air General (AG) permitted crusher unit is allowed as long as the following criteria are complied with:

a. Collocation Requirements. Collocation of the crusher and pipe and precast facility does not create a Title V source;
b. Requirements. The crusher meets the requirements of this permit and its AG permit.
c. Notification. The portable crusher 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(c)(5)3.f, F.A.C.

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

Emissions Standards

B.5. Emissions Standards – Opacity. Crushing systems subject to 40 CFR 60 subpart OOO at which a capture system is not used:

Brief Description	Maximum Percent Opacity	
Portable Crusher	15% [1]	12% [2]
All conveyor Belt Transfer Points	10% [1]	07% [2]
All Screens	10% [1]	07% [2]

[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 62-204.800(8)(b)68, 62-210.200(PTE), F.A.C.; 40 CFR 60.672(b)]

Visible emissions from the transfer of material into the hopper and onto the coarse and fine storage piles, all other Non-NSPS points, and the crusher diesel engine are covered under the facility-wide general visible emission limitation of 20% and do not require visible emissions testing. [Rule 62-296.320(4)(b)1., F.A.C.]

B.6. Opacity Standard – Exceptions. The opacity standards stated above for crushing systems subject to 40 CFR 60 subpart OOO at which a capture system is not used apply at all times except during periods of startup, shutdown, and malfunction of the emissions unit. [Rules 62-204.800(8)(b)68. & (d), F.A.C., and 40 CFR 60.11(c)]

B.7. Subpart A – General Provisions. The owner or operator shall comply with the applicable requirements of 40 CFR 60 subpart A – General Provisions. [40 CFR 60.1 (a) and Rules 62-204.800(8)(b)68., and 62-204.800(8)(d), F.A.C.]

Testing Requirements

B.8. Visible Emissions Test Requirements. 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. and 62-204.800(8)(b)68., F.A.C.]

B.9. Off-Site Test Requirements. 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. and 62-204.800(8)(b)68., F.A.C.]

B.10. On-Site Test Requirements. 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) the crushing system is on site. [Rules 62-4.070(3) and 62-297.310(7)(a), F.A.C. and 62-204.800(8)(b)68., F.A.C.]

B.11. Visible Emissions Testing Requirements. 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.; 40 CFR 60.675 (c) and (e)(2)]

B.12. Test Method(s). 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(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]

Monitoring Requirements

B.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

B.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. [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. Permittee shall prepare and submit to the Compliance Authority reports for all required tests in accordance with the requirements specified below. 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.]

B.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.]

B.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. Throughput in tons: per day*, per month and per rolling 12-month total;

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

B.18. Monitoring Records. 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)]

B.19. 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 a sulfur content of 0.5 percent or less, by weight, 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.]

Additional NSPS and NESHAP Requirements

B.20. 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.]

B.21. 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.]