January 28, 2014

NOTICE OF AIR POLLUTION PERMIT

CERTIFIED MAIL: 7006 0810 0000 7059 9598
RETURN RECEIPT REQUESTED

ISSUED TO:

Mr. Ignacio Halley, P.E.
CEO
Halley Engineering Contractors, Inc.
13901 NW 118 Avenue
Medley, FL. 33178

Air Permit Number: 7775172-014-AO
Issue Date: January 28, 2014
Expiration Date: December 22, 2018

Project:	State of Florida Non-Title V Air Operation Permit Renewal.
Facility Description:	Relocatable Drum Mix Asphalt Plant [Major SIC Code 2951 – Asphalt Paving Mixtures & Blocks. NAICS 324121 – Asphalt Paving Mixture and Block Manufacturing]
Location:	NW 117 Avenue & 139 Street, Medley, FL 33178
Lat./Long:	25° 53' 24.9144" N / 80° 22' 36.5988" W
UTM Coordinates:	Zone 17 East (km) 562.42 North (km) 2863.68

This is Permit Number 7775172-014-AO for the operation of an air pollution source issued by the the **Miami-Dade County Department of Regulatory and Economic Resources (RER), Division of Environmental Resources Management pursuant to Chapter 24, Code of Miami-Dade County and Chapter 403.087, Florida Statutes (F.S.).** This is a State Air Operation Permit authorizing the operation of the emissions unit described in the permit. This facility is permitted to operate in Glades County, Charlotte County, Lee County, and Miami-Dade County.

The Florida Department of Environmental Protection (FDEP) has permitting jurisdiction under Section 403.087, Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the FDEP recognizes the RER as the approved local air pollution control program of Miami-Dade County. Through a Specific Operating Agreement, the FDEP delegated to the RER the authority to issue or deny permits for this type of air pollution source located in Miami-Dade County.

STATEMENT OF BASIS:

This permit is issued under the provisions of **Chapter 24, Code of Miami-Dade County, Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297**, and in conformance with all existing regulations of the FDEP and the RER rules. The above named owner or operator is hereby authorized to perform the work or construct the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the RER and made a part hereof and specifically described in this permit.

PERMIT CONTENTS:

Part I -- Summary Information
Part II -- Facility-Wide Specific Conditions
Part III -- Emission Unit Specific Conditions
Part IV -- Appendices
Appendix A – Citation Formats and Glossary of Common Terms;
Appendix B – General Conditions;
Appendix C – Common Conditions;
Appendix D – Common Testing Requirements;
Appendix E – NSPS Subpart A, General Provisions;
Appendix F – NSPS Subpart I – Standards of Performance for Hot Mix Asphalt Facilities; and

PART I -- SUMMARY INFORMATION

This permit addresses the following air pollution emissions unit:

EU No.	Emissions Unit Description
001	**Relocatable Drum Mix Asphalt Plant**

{Permitting Note: The facility's previously permitted emissions unit EU002 (oil heater) has been determined to be a component of the asphalt plant. EU002 is now included in EU001 and may be subject to regulations of this permit.}

SIGNIFICANT DATES:
Request to make Administrative Changes to Permit No. 7775172-013-AO Received December 26, 2013.

REGULATORY CLASSIFICATION:
This facility is classified as a synthetic minor, non-Title V, source of air pollution.

PERMIT HISTORY:

Permit No	Project Type Description	Issue Date	Expiration Date
7775172-001-AC	Initial construction of Portable Asphalt Plant	09/20/2002	09/20/2007
7775172-002-AO	Initial Air Operation Permit	01/15/2004	01/15/2009
7775172-003-AC	Increase CO Emissions	11/14/2003	09/20/2007
7775172-004-AC	Administrative Correction	01/15/2004	09/20/2007
7775172-005-AO	Relocate to Lee County	09/21/2004	01/15/2009
7775172-006-AO	Relocate to Charlotte County	01/11/2008	01/15/2009
7775172-007-AO	Air Operation Permit Renewal	01/15/2009	01/14/2014
7775172-008-AC	Increase operating hours and add biofuel	10/01/2009	09/30/2010
7775172-009-AO	AO Revision to incorporate 7775172-008-AC	08/20/2010	01/14/2014
7775172-010-AO	Administrative Correction to 7775172-009-AO	05/16/2012	01/14/2014

7775172-011-AO	Transfer of Ownership	09/12/2013	01/14/2014
7775172-012-AC	Relocate to Miami-Dade County	09/12/2013	01/11/2014
7775172-013-AO	Air Operation Permit Renewal	12/23/2013	12/22/2018

PART II -- FACILITY-WIDE SPECIFIC CONDITIONS

1.0 Administrative Requirements

1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Miami-Dade County Regulatory and Economic Resources (RER), Division of Environmental Resources Management, Air Quality Management located at 701 NW 1 Ct, Suite 400, Miami, Florida 33136.

1.2 Citation Format: In this permit, references to **F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.**

1.3 Specific and General Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[Rule 62-4.160 F.A.C.]

1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state, or local permitting requirements or other regulations.

1.5 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid and hazardous wastes in accordance with all applicable Federal, State and Local regulations.

1.6 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from the RER or other departments or agencies.

1.7 Renewal of This State Permit Required: An application for renewal of this air operating permit must be submitted to the RER, Air Quality Management **at least 60 days prior** to the expiration date of this permit. To apply for renewal of an operating permit, the applicant shall submit the appropriate application form in triplicate, the appropriate application fee, all required compliance test results, and such additional information as the RER may require by law.
[Rule 62-4.030, 62-4.050, and 62-4.220 F.A.C.]

Note that public notice may be required again at the time of renewal or revision of this permit if the facility or permit is materially changed from that described by this permit.
[Rule 62-210.350(4)(a) F.A.C.]

1.8 County Permit Renewal: A request for renewal of the Miami-Dade County annual air operating permit must be submitted annually to the RER Air Quality Management on the appropriate form, **by May 31st of each calendar year**, along with the appropriate Miami-Dade County permit fee.
[Chapter 24-18, Code of Miami-Dade County]

2.0 General Pollutant Emission Limiting Standards

2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.
[Rule 62-296.320(2) F.A.C.]

2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, 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 20 percent opacity at any time.
[Rule 62-296.320(4)(b) F.A.C.]

2.3 Volatile Organic Compounds/Organic Solvents Emissions:

No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the RER.

Such controls include the following:

- Tightly cover or close all VOC containers when they are not in use.
- Tightly cover all open tanks, which contain VOCs when they are not in use.
- Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition.
- Confine rags used with VOCs to tightly closed, fireproof containers when not in use.
- Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1) F.A.C.]

2.4 Unconfined Emissions of 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 include the following:

- Paving and maintenance of roads, parking areas and yards.
- Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- Application of asphalt, water, chemicals, or other dust suppressants to unpaved roads, yards, open stock piles, and similar activities.
- 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.
- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture, and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.
- Substitution of powdery materials with granular or pelletized materials, where possible.

[Rule 62-296.320(4)(c) F.A.C.]

3.0 Operation Requirements

3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650 F.A.C.]

3.2 Excess Emissions: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing best operational practices to minimize emissions are adhered to, and the duration of excess emissions shall be minimized but in no case exceeds two hours in any 24 hour period unless specifically authorized by the RER for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.
[Rule 62-210.700 F.A.C.]

4.0 Compliance Testing Requirements

4.1 Test Notification: Unless otherwise specified in this permit, the RER Air Facilities Section shall be notified in writing of expected compliance test dates (when required) at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.
[Rule 62-297.310(7)(a) 9 F.A.C.]

4.2 Testing at Capacity: Compliance testing (when required) shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emission unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.
[Rule 62-297.310(2) F.A.C.]

4.3 Special Compliance Tests: When the RER, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the RER.
[Rule 62-297.310(7)(b) F.A.C.]

5.0 Reporting and Record Keeping Requirements

5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the RER in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the RER.
[Rule 62-210.700(6) F.A.C.]

5.2 Report Plant Operation Problems: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall immediately notify the RER. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed

facilities. Such notification does not release the owner or operator from any liability for failure to comply with the FDEP and the RER rules.
[Rule 62-4.130 F.A.C.]

5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for the RER inspection for a minimum of three (3) years from the date of such records.
[Rule 62-4.160(14)(b) F.A.C.]

5.4 Compliance Test Reports: Compliance test reports (when required) shall be submitted to the RER Air Facilities Section, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.

Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the RER to determine if the test was properly conducted and the test results properly computed. Test reports, other than for an EPA Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
- The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

[Rule 62-297.310(8)(a) &(b) F.A.C.]

5.5 Annual Operating Report Required: Annual Operating Report (DEP Form No. 62-210.900(5)) shall be completed each year and submitted to the Miami-Dade County, RER, Air Quality Management office or submitted electronically to the Florida Department of Environmental Protection by April 1 of the following year.
[Rule 62-210.370(3) F.A.C.]

PART III -- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emissions unit:

EU No.	Emissions Unit Description
001	**Relocatable Drum Mix Asphalt Plant** EU001 is a 300 tph relocatable, counterflow, triple drum asphalt plant (Make: CMI; Model No. PTD-400). The facility includes a helical coil oil heater (Make: Burke; Model No. HCH 2.0). The maximum heat input rate for the heater is 2.5 million Btu/hour (mmBtu/hr). Particulate emissions from EU001 are controlled by a baghouse (Make: CMI; Model No. RA3-18P "Roto-Aire").

1.0 This permit supersedes previously issued Air Operation Permit No. 7775172-013-AO.

2.0 Emissions Limiting Standards and Operation Restrictions

2.1 Permitted Capacity: Production rate of asphaltic concrete (EU001) shall not exceed 500,000 tons in any consecutive twelve-month period.
[Rule 62-210.300(3)(c)2.a., F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

2.2 Hours of Operation: The hours of operation for EU001 shall not exceed 4,000 hours in any consecutive twelve-month period.
[Permit Nos. 7775172-008-AC & 7775172-012-AC]

2.3 Authorized Fuel:
a. *EU001*. The fuels authorized to be burned for the portable drum mix asphalt plant are fuel oil grade No. 5 (or better), natural gas and biofuel.
b. *Fuel Consumption Limit*. The facility's fuel oil consumption shall not exceed 1.2 million gallons in any consecutive twelve-month period.
c. *Fuel Sulfur Content.* Fuel oil shall not exceed 0.5 percent sulfur content, by weight. The owner shall maintain records to demonstrate that each shipment of fuel oil has 0.5 percent 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).
[Rules 62-210.300(3)(c)2.b & c. F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

2.4 Collocating and Relocating: 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.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

2.5 Particulate Matter (PM): PM emissions shall not exceed 0.04 grains per dry standard cubic foot averaged over a three-hour period.
[Rule 62-210.300(3)(c)2.d., F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

2.6 Visible Emissions (VE): VE for the portable drum mix asphalt plant shall not be equal to or greater than 20% opacity.
[Rules 62-210.300(3)(c)2.f., F.A.C. & 62.296-320(4)(b), F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

2.7 Sulfur Dioxide Emissions: Total emissions of sulfur dioxide shall not equal or exceed 100 tons in any consecutive 12-month period and shall not exceed 1.1 pounds per million BTU heat input.
[Rule 62-4.070(3) F.A.C.; Chapter 24-41.3(2)(b)(i) Code of Miami-Dade County]

3.0 Compliance Monitoring and Recordkeeping Requirements

3.1 Annual Compliance Tests: During each federal fiscal year (October 1st to September 30th), the emissions unit shall be tested to demonstrate compliance with the emissions standards for VE and PM.
[Rules 62-297.310(7)(a)4, and 62-210.300(3)(c)2.d., F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.2 Compliance Tests Prior to Renewal: This emissions unit shall be tested for the following pollutants prior to obtaining a renewed operation permit: PM and VE.
[Rule 62-297.310(7)(a)3., F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.3 Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. 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.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.4 PM and VE Testing: The owner or operator shall submit a stack test using EPA Reference Method 5 or 5A and a VE test using EPA Reference Method 9, that demonstrates compliance with the applicable PM and VE standards, respectively.
[Rule 62-210.300(3)(c)2.i, F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

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

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources
5	Determination of Particulate Emissions from Asphalt Processing

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.
[Rules 62-204.800, 61-210.300(3)(c)2.i., and 62-297.100, F.A.C.; and Appendix A of 40 CFR 60; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.6 Sulfur Dioxide Emissions Testing: The owner or operator shall have a formal compliance test conducted for sulfur dioxide emissions initially, and then every five (5) years within 180 days prior to the expiration date of the current operation permit using EPA Method 6 or 6C.
[Rule 62-4.070(3) F.A.C.; Rule 62-297.401(6) F.A.C.]

3.7 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.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.8 Annual Operating Report: The owner or operator shall submit an Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) to the Department annually pursuant to Rule 62-210.370(3), F. A. C. and Section 4, Appendix C, Common Conditions, Specific Condition #11.
[Rule 62-210.300(3)(c)2.h., F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.9 Fuel Recordkeeping: In order to document continuing compliance with Specific Condition Nos. **2.3b and 2.3c.**, records of the percent sulfur content and quantity of all fuel burned shall be kept. The basis of these records shall be either as-shipped analyses from the vendor, or in the case of on-site blending, analyses of a fuel sample from the fuel storage tank(s) each time a shipment of fuel is received. These records shall be kept for a period of five (5) years and shall be available to the Department upon request.
[Rule 62-4.070(3), F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.10 Relocation Notification: The permittee shall notify the Compliance Authority office at least 7 days prior to relocating the plant to an approved county where public notice was published within the last 5 years. The notification shall be submitted using DEP Form 62-210.900(6), F.A.C. All potential operation sites shall be shown on a USGS topographic map. If the public notice for a proposed county is more than 5 years old, or if the proposed county was never covered by a public notice, this form shall be submitted at least 30 days in advance of the move and a public notice shall be published prior to operating in the proposed county.
[Rules 62-210.370(4), F.A.C. and 62-4.070(3), F.A.C.; Permit Nos. 7775172-008-AC & 7775172-012-AC]

3.11 Recordkeeping: The owner or operator shall maintain records to document the monthly and the twelve-month rolling totals of tons of asphaltic concrete produced, the gallons of fuel oil consumed, and the hours of operation. Such records shall be maintained for five years.
[Rule 62-210.300(3)2.g., F.A.C.; Permit Nos. 7775172-001-AC & 7775172-012-AC]

4.0 Other Requirements

4.1 Federal Regulations Applicability: The permittee shall comply with all applicable requirements of the following federal regulations:
40 CFR 60, Subpart A, General Provisions;
40 CFR 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities;
[40 CFR 60 Subpart A; 40 CFR 60 Subpart I; 40 CFR Subpart OOO]

Executed in Miami-Dade County, Florida.

REGULATORY & ECONOMIC RESOURCES

_____

H. Patrick Wong, Chief Date
Air Quality Management

HPW/tr

Copy: Lynn Robinson, P.E., Southern Environmental Sciences, Inc. [lrobinson@sesfla.com]
Patricia Tampas, Florida Department of Environmental Protection, Southeast District
[Patricia.Tampas@dep.state.fl.us]

FILING AND ACKNOWLEDGMENT: FILED, on this date, pursuant to § 120.52(7), F.S., with the designated RER Clerk, receipt of which is hereby acknowledged.

_____ _____

Clerk Date