August 11, 2011

CERTIFIED MAIL NO. 7008 1830 0002 8174 9934
RETURN RECEIPT REQUESTED

PERMITTEE

Pavex Corporation d.b.a.
Ranger Construction Industries
P.O. Box 15065
West Palm Beach, FL 33416-5065

Authorized Representative:
Ms. Jo Moore, Environmental Director

Air Permit No. 7775221-004-AC
Permit Expires: August 10, 2012

Ranger Construction, South-Miami #2
Minor Source Air Construction Permit
Project: Natural Gas Fuel for the Asphalt Plant and Addition of Crushing Operations

This is the final air construction permit No. 7775221-004-AC, which authorizes the use of natural gas as fuel for the asphalt plant, and the addition of crushing operations at the facility. The proposed work will be conducted at the Ranger Construction, South-Miami #2 facility, which is an asphalt plant production facility [Standard Industrial Classification (SIC) Code No. 2951 (NAICS 324121)]. The facility is located in Miami-Dade County at 18600 NW 122 Avenue in Miami, Florida 33178. The Lat./Long. coordinates are 25° 56' 21" N / 80° 24' 51" W.

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 Miami-Dade County Department of Environmental Resources Management (DERM), Air Quality Management Division.

Executed in Miami, Florida

_____ _____

H. Patrick Wong, Chief (Date)
Air Quality Management Division

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 certified U.S. mail and/or 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.

Jo Moore, Environmental Director, Ranger Construction Industries, P.O. Box 15065, West Palm Beach, FL 33416-5065
Eugene Schaltenbrand, P.E. SCHALTEE@BELLSOUTH.NET
William Arlington, P.E. Arlington Environmental Services, Inc., P.O. Box 657, Okeechobee, FL 34973
Lennon Anderson, P.E., Florida Department of Environmental Protection, Southeast District Office (Lennon.Anderson@dep.state.fl.us)

Clerk Stamp

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

_____ _____

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Proposed Project

The Ranger Construction, South-Miami #2 facility is an existing relocatable drum-mix asphalt plant that is requesting an Air Construction Permit to add natural gas as a fuel for the asphalt plant and authorization to conduct crushing operations at the site. The existing facility consists of the following emissions units.

Facility ID No. 7775221	
ID No.	**Emission Unit Description**
001	One (1) Relocatable 280 TPH Double Barrel Drum-Mix Asphalt Plant, Astec Model 68-16 Baghouse, with Hot Oil Heater .

This project will add the following emissions units.

Facility ID No. 7775221	
ID No.	**Emission Unit Description**
002	Crushing operations with diesel power unit

FACILITY REGULATORY CLASSIFICATION

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

SECTION 2. ADMINISTRATIVE REQUIREMENTS

1. The permitting authority for this project is the Miami-Dade County Department of Environmental Resources Management (DERM), Air Quality Management Division. The DERM's mailing address is: 701 NW 1 Court, Suite 400, Miami, Florida 33136. The DERM's telephone number is 305/372-6925.
   All documents related to applications for permits to operate an emissions unit shall be submitted to the DERM Air Quality Management Division.

2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the DERM Air Quality Management Division. The mailing address and phone number of the DERM Air Quality Management Division is: 701 NW 1 Court, Suite 400, Miami, Florida 33136. The DERM's telephone number is 305/372-6925.

3. Appendices: The following Appendices are attached as part of this permit:
   a. Appendix A. Citation Formats and Glossary of Common Terms;
   b. Appendix B. General Conditions;
   c. Appendix C. Common Conditions.
   d. Appendix D. Common testing requirements. (If applicable)
   e. Appendix E. Requirements for On-Specification Used Oil Fuel.

4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C, and Chapter 24, Code of Miami-Dade County. 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 DERM or the Florida Department of Environmental Protection (FDEP) may require the permittee to conform to new or additional conditions. The DERM or FDEP shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the DERM or FDEP may grant additional time.
   [Rule 62-4.080, F.A.C.]

6. Modifications: The permittee shall notify the DERM 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 DERM. 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.]

8. Application for Air Operation Permit: This permit authorizes construction and/or installation of the permitted emission unit(s) and initial operation to determine compliance with the FDEP and the DERM rules. **An operation permit is required for regular operation of the permitted emission units.** The owner or operator shall apply for and receive an operation permit prior to expiration of this permit. An application for an operation permit shall be submitted to the Miami-Dade County Department of Environmental Resources Management, Air Quality Management Division. To apply for an operation permit, the applicant shall submit the appropriate application fee and, in triplicate, the appropriate application form, a certification that construction was completed with a notation of any deviations from the conditions on the construction permit, compliance test results, and such additional information as the DERM may by law require.
   [Rule 62-4.030, 62-4.050, 62-4.220, and 62-210.300 F.A.C.]

9. Extension of This Permit: The expiration date of this construction permit may be extended upon request of the owner or operator and submission of the appropriate fee to the Miami-Dade County, Department of Environmental Resources Management, Air Quality Management Division **at least 60 days prior** to the expiration date of this permit.
   [Rule 62-4.030, 62-4.050, 62-4.070(3) and 62-4.220 F.A.C.]

10. Annual Report Required: The Annual Operating Report (DEP Form No. 62-210.900(5)) shall be completed each year and submitted to the Miami-Dade County, DERM, Air Quality Management Division 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.]

11. 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.

This section of the permit addresses the following emissions unit.

Emissions Unit Number	Emissions Unit Description
001	**One (1) relocatable 8', 280 TPH Astec Double Barrel® Drum-Mix Asphalt Plant with Hot Oil Heater and Baghouse** **280 TPH Astec Double Barrel® Drum-Mix Asphalt Plant** • Fuel Oil: No.2 through No. 6, natural gas ***Baghouse: One (1) Astec Industries Model RBH 68-16*** • High temperature bags: 1,024 each measuring 4-5/8" diameter X 10' long = 12, 390 sq. ft • Design airflow: 68,145 ACFM • Air to cloth ratio: 5.5:1. • ~245 °F exit temperature • ~31.02 % moisture based on 5 % aggregate moisture • ~34, 598 scfmd (varies with temperature and moisture) • One (1) 46" diameter round stack, Exit Diameter: 3.83, Height: 31ft ***Hot Oil Heater*** • 2MMBTU/hr • Fuel: No.2 fuel oil, natural gas, propane **Additional Equipment:** • Aggregate bins • Feed conveyors • Hot storage silos • Impactor and conveyor system • Asphalt cement and fuel oil storage tanks
002	**Crushing Operations** 500 TPH Crusher Subject to 40 CFR 60, Subpart OOO 350 HP Maximum Internal Combustion Engine Fuel: Diesel

1. This permit supersedes Air Construction Permit No. 7775221-001-AC

EQUIPMENT

2. Equipment Name: One (1) relocatable 8', 280 TPH Astec Double Barrel® Drum-Mix Asphalt Plant with Hot Oil Heater and Baghouse. Crushing operations utilizing a relocatable crusher unit.
[Rule 62-4.070(3) F.A.C.; Application No. 7775221-004-AC received August 17, 2010]

PERFORMANCE RESTRICTIONS AND EMISSIONS STANDARDS

3. Asphalt Plant Visible Emissions: The permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere (EU #001) the emissions of air pollutants from any activity, the opacity of which is equal to or greater than 20%.
[Rule 62-210.300(3)(c)2f F.A.C.]

4. Facility Wide VOC Emissions: Total emissions of volatile organic compounds (VOCs), including hazardous air pollutants "HAPs", shall not equal or exceed 49.9 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.]

5. Facility Wide Particulate Matter Emissions: Total emissions of particulate matter from the asphalt plant (EU #001) shall not exceed 0.04 gr/dscf averaged over a three-hour period. Facility wide emissions of Particulate Matter shall not exceed 49.9 tons in any consecutive 12 month period.
[Rules 62-4.070(3) & 62-210.300(3)(c)2d F.A.C.]

6. Facility Wide Nitrogen Oxides Emissions: Total emissions of nitrogen oxides shall not equal or exceed 49.9 tons in any consecutive 12-month period.
[Rule 62-4.070(3) F.A.C.]

7. Facility Wide Carbon Monoxide Emissions: Total emissions of carbon monoxide shall not equal or exceed 49.9 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.]

8. Facility Wide Sulfur Dioxide Emission Standards: The owner or operator shall not cause, let, permit, suffer or allow the emissions of sulfur dioxide from the asphalt plant (EU #001) exceeding 1.1 pounds per million Btu heat input, when liquid fuel is burned. Facility wide emissions of Sulfur Dioxide shall not exceed 49.9 tons in any consecutive 12 month period.
[Chapter 24-41.3 Code of Miami-Dade County]

9. Asphalt Plant Production Rate: Total facility asphalt production rate shall not exceed 280 tons per hour based on a daily average and 500,000 tons in any consecutive 12 month period.
[Rules 62-4.070(3) & 62-210.300(3)(c)2a F.A.C.]

10. Allowable Fuels: Fuels authorized to be burned in the drum dryer shall be limited to fuel oil, on-specification used oil fuel, natural gas and shall not exceed 1.0% sulfur content by weight. The liquid asphalt heating system is allowed to fire new No.2 oil having a maximum sulfur content limit of 0.5%, by weight, natural gas, or propane. Any internal combustion engines are allowed to burn only new No. 2 diesel fuel oil, or better. The used oil fuel shall meet the EPA requirements for on-specification used oil fuel, and the conditions listed in Appendix E of this permit.
[Rules 62-4.070(3) & 62-210.300(3)(c)2c F.A.C.]

11. Asphalt Plant Fuel Oil Consumption: Fuel oil consumption shall not exceed 1.2 million gallons in any consecutive 12-month period.
[Rule 62-210.300(3)(c)2b F.A.C.]

12. Asbestos Containing Materials: This facility shall not process Asbestos Containing Materials (ACM) whether Regulated Asbestos Containing Materials (RACM), category I or category II, and whether friable or nonfriable when received at facility.
[Rule 62-4.070(3) F.A.C.]

13. New Source Performance Standard Requirements. The emission units listed above shall comply with all the applicable standards of the General Provisions of 40 CFR 60.
[40 CFR 60]

14. Hours of Operation: The asphalt plant may not operate in excess of 5,200 hours in any consecutive 12-month period. However, the hot oil heater may operate 8,760 hours in any consecutive 12-month period.
[Rule 62-4.070(3) F.A.C.]

15. Crusher Visible Emissions (EU #002): Affected facilities must meet the fugitive emissions limits in Table 3 of 40 CFR 60 Subpart OOO within 60 days after achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup as required under 40 CFR 60.11. The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used.

Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on after August 31, 1983 but before April 22, 2008	15 percent opacity
Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008	12 percent opacity

[40 CFR 60.672(b)]

16. Conveyor/Screen Visible Emissions (EU #002): Affected facilities must meet the fugitive emissions limits in Table 3 of 40 CFR 60 Subpart OOO within 60 days after achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup as required under 40 CFR 60.11. The owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in 40 CFR 60.670 and 40 CFR 60.671)

Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on after August 31, 1983 but before April 22, 2008	10 percent opacity
Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008	7 percent opacity

[40 CFR 60.672(b)]

17. Portable Crushing Operations Production Rate: The portable crushing operation is allowed to process a maximum of 1,300,000 tons of material in any consecutive 12-month period.
[Rule 62-4.070(3) F.A.C.; Application No. 7775221-004-AC received August 17, 2010]

18. Truck Dumping Visible Emissions: Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of 40 CFR 60 Subpart OOO.
[CFR 60.672(d)]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS, RECORDS AND REPORTS

19. Asphalt Plant Visible Emissions Test Required: The owner or operator shall have a formal compliance test conducted annually for visible emissions by EPA Method 9 during the federal fiscal year (October 1 – September 30). The visible emissions test shall be performed during one run of the particulate test.
[Rule 62-210.300(3)(c)2i F.A.C.]

20. Crusher Unit Operations Visible Emissions Test Required: The owner or operator shall have a formal compliance test conducted for visible emissions from the portable crusher operations (Emissions Unit 002) initially, and annually for visible emissions by EPA Method 9 during the federal fiscal year (October 1 – September 30). Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C. To avoid the unintended consequence of requiring a portable crushing operation to be formally tested for visible emissions compliance multiple times during a single federal fiscal year, Ranger Construction Industries is not required to conduct initial or annual formal compliance tests for visible emissions if a formal compliance test demonstrating compliance with the opacity limit has already been conducted elsewhere in Florida during the federal fiscal year on the portable crusher operations while crushing material and Ranger Construction Industries has, and retains for 3 years, onsite a copy of the written compliance test reports.
[Rule 62-297.310(7) F.A.C.]

21. Asphalt Plant Particulate Matter Test Required: The owner or operator shall have a formal compliance test conducted annually for particulate matter by EPA Method 5 or 5A during the federal fiscal year (October 1 – September 30).
[Rule 62-210.300(3)(c)2i F.A.C.]

22. Asphalt Plant Sulfur Dioxide Emissions Testing: The owner or operator shall have a formal compliance test conducted annually for sulfur dioxide emissions using EPA Method 6.
[Rule 62-4.070(3) F.A.C.]

23. Asphalt Plant 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 the 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 belts scales, weight hoppers, flow meters and tanks 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% of its true value.

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

24. Asphalt Plant Hours of Operation: The owner or operator shall record and maintain daily records of the hours of operation of the asphalt plant. This record shall be retained for five years.
[Rule 62-210.300(3)(c)2g F.A.C.]

25. Asphalt Concrete Production and Fuel Oil Consumption: The owner or operator shall maintain records to document the hourly, monthly and 12 month rolling totals of tons of asphaltic concrete produced, and the type and quantity of fuel consumed. These records shall be retained for five years.
[Rule 62-210.300(3)(c)2g F.A.C.]

26. Asphalt Plant Allowable Fuels: The owner or operator shall maintain records to demonstrate that each shipment of fuel oil does not exceed 1.0% sulfur 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).
[Rule 62-210.300(3)(c)2c F.A.C.]

27. Control Equipment: The owner or operator shall visually inspect each emissions unit and associated baghouse daily to ensure that each baghouse is operating properly, and shall record the condition of each baghouse and pressure drop when inspected. The owner or operator shall perform a detailed inspection of each baghouse at least monthly and record the inspection results. Such inspections shall include general conditions of the emissions control equipment and ductwork, condition of the bags and appurtenances, and verification of proper operation of the bag cleaning cycle.
[Rule 62-4.070(3) F.A.C.]

28. Crushing Records: The owner or operator shall maintain records to document the monthly and 12 month rolling totals of materials crushed. These records shall be retained for five years.
[Rule 62-4.070(3) F.A.C.]

29. Visible Emissions Additional Requirements for the Crusher: In determining compliance with the particulate matter standards in 40 CFR 60.672(b), the owner or operator shall use Method 9 of Appendix A–4 of 40 CFR 60 Subpart OOO and the procedures in 40 CFR 60.11, with the following additions:

(i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).

(ii) The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (*e.g.*, road dust). The required observer position relative to the sun (Method 9 of Appendix A–4 of this part, Section 2.1) must be followed.

(iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is

present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
[40 CFR 60.675(c)(1)]

30. Visible Emissions Test Duration for the Crusher: When determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b), the duration of the Method 9 (40 CFR part 60, Appendix A–4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of 40 CFR 60 Subpart OOO must be based on the average of the five 6-minute averages.
[40 CFR 60.675(c)(3)]

31. Alternative Visible Emissions Test Methods for the Crusher: The owner or operator may use the following as alternatives to the reference methods and procedures specified in 40 CFR 60.675:

(1) For the method and procedure of paragraph (c) of 40 CFR 60.675, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:

(i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

(ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.

(2) A single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(i) No more than three emission points may be read concurrently.

(ii) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(iii) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.
[40 CFR 60.675(e)(1)& (2)]

32. Crusher Reports Submittal: The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A–4) to demonstrate compliance with 40 CFR 60.672(b), (e) and (f). This includes copies of reports of opacity observations conducted on the crusher elsewhere in Florida that are used to demonstrate compliance with the opacity limit.
[40 CFR 60.676(f)]