

 <b>FLORIDA DEPARTMENT OF HEALTH</b>		
Jeb Bush Governor		Mr. Rony François, M.D., M.S.P.H., Ph.D. Secretary, Department of Health

## AIR POLLUTION OPERATION PERMIT

PALM BEACH COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH AND ENGINEERING  
P.O. Box 29 (901 Evernia Street)  
West Palm Beach, Florida 33402-0029  
Telephone: (561) 355-3435

### ISSUED TO:

#### *Permittee:*

Ranger Construction Industries, Inc  
P.O. Box 14589  
Fort Pierce, Florida 34979-4589

<b>ARMS No.:</b>	0990087
<b>Permit No:</b>	0990087-007-AO
<b>Issued:</b>	10/17/2005
<b>Expires:</b>	10/16/2010

#### *Authorized Representative:*

Jo Moore, Environmental Manager

*Note: A renewal application must  
be submitted by 8-16-2010*

### LOCATED AT:

#### **Ranger Construction Industries, Inc**

606 95<sup>th</sup> Avenue North

Royal Palm Beach, Florida 33411

Directions: 1/3 mile north of Southern Boulevard on 95th Avenue

UTM: Zone 17; 579.9 km E; 2951.7 km N

Description: Hot Mix Asphalt Plant [SIC: 2951 – Asphalt Paving Mixtures and Blocks.]

### STATEMENT OF BASIS:

The Florida Department of Environmental Protection (DEP) has permitting jurisdiction for this project pursuant to Section 403.087 of the Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the DEP recognizes the Palm Beach County Health Department (Health Department) as the approved local air pollution control program in Palm Beach County. As such, the DEP and the Health Department have entered into a Specific Operating Agreement that delegates the authority to issue or deny permits to the Health Department for this type of air pollution source located in Palm Beach County. Accordingly, the Health Department issues this permit under the provisions of Chapter 403, F.S. and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.). The permittee is authorized to perform the work for the proposed project in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Health Department.

### ISSUED BY:

*Executed in West Palm Beach, Florida.*

PALM BEACH COUNTY HEALTH DEPARTMENT

James E. Stormer, Q.E.P., Environmental Administrator  
P.E.

Air Pollution Control Section  
Division of Environmental Health and Engineering

*Air Permit Engineer: Jose M. Garcia*

*Filename: 0087007.PMT.f*

## SECTION I. SUMMARY INFORMATION

### PERMIT HISTORY

January 19, 2000: Health Department issued permit number 099-0087-004-AC.  
November 27, 2000: Health Department issues permit numbers 099-0087-005-AC and 099-0087-006-AO, jointly.  
September 9, 2005: Health Department receives electronic application for Renewal Operating Permit No. 0990087-007-AO.  
September 22, 2005: Health Department receives authorized representative signature and processing fees for Renewal Operating Permit No. 0990087-007-AO.  
October 12, 2004: Health Department deems Permit application complete.

### PERMIT CONTENT

Section I: Summary Information  
Section II: Facility-Wide Specific Conditions  
Section III: Emissions Unit Specific Conditions  
Section IV: Appendices  
    *Appendix A: General Permit Conditions*  
    *Appendix B: Terminology*  
    *Appendix C: Test Procedures*  
    *Appendix D: NSPS Requirements*  
    *Appendix E: Used Oil Quality Control Assurance Plan*

### REGULATORY CLASSIFICATIONS

PROGRAM	PROGRAM DESCRIPTION	CLASSIFICATION
PSD	Prevention of Significant Deterioration Rule 62-212.400, F.A.C	New Source Synthetic Minor (Sulfur Dioxide)
NSR-NAA	New Source Review for Nonattainment Areas Rule 62-212.500, F.A.C.	Not Applicable
NSPS	New Source Performance Standards 40 CFR 60 Subpart I – Standards of Performance for Hot Mix Asphalt Facilities	Applicable
NESHAP	National Emission Standards for Hazardous Air Pollutants 40 CFR Parts 61 and 63	Existing Source Natural Minor
Title V Operating Permit	Federal Operating Permit Program Rule 62-213, F.A.C	Synthetic Minor (Sulfur Dioxide)

### EMISSIONS UNIT SUMMARY

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
01	250 TPH Asphalt Plant, Cyclone (Permanently Shut Down)
02	N/A
03	250 TPH Asphalt Plant, Drum Mix (Permanently Shut Down)
04	250 TPH Asphalt Plant, Double Drum Dryer
05	1.412 mmBTU/hour Asphalt cement heater
06	Materials Handling & Storage Operations including the storage piles, storage bins, conveyors, and transfer operations.
07	Organic Liquid Storage Tanks: Two 30,000 gallon asphalt tanks, a 20,000 gallon asphalt tank, a 20,000 gallon No. 5 fuel oil tank, and a 400 gallon No. 2 fuel oil tank.

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## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

### II.1 ADMINISTRATIVE

- II.1.1 Regulating Agencies: All applications, reports, tests, and notifications shall be submitted to the Air Pollution Control Section of the Palm Beach County Health Department (Health Department) at P.O. Box 29 (901 Evernia Street), West Palm Beach, Florida, 33402-0029, and phone number (561) 355-3136. In addition, *copies* shall be submitted to the Air Program, Southeast District Office, Florida Department of Environmental Protection (DEP) at 400 North Congress Avenue, Suite 200, West Palm Beach, Florida, 33401. **[Specific Operating Agreement]**
- II.1.2 General Permit Conditions: The permittee shall be aware of, and operate under, the attached General Permit Conditions listed in *Appendix A* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. **[Rule 62-4.160, F.A.C.]**
- II.1.3 Citation Format: The format for citing applicable regulations is provided in *Appendix B* of this permit.
- II.1.4 Application for Operation Permit: The permittee shall apply for a renewal permit at least 60 days prior to the expiration of this operation permit. The application shall include: the Short Form Application [DEP Form No. 62-210.900(2)]; the correct application processing fee; all required test reports; and a summary of any changes or substitutions to the original equipment, processes, fuels, controls, etc. When the renewal application is timely and sufficient, the existing permit shall remain in effect until final action is taken by the Health Department. [Rules 62-4.090 and 62-210.900, F.A.C.]
- II.1.5 Applicable Regulations: This facility is subject to the following regulations: Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. Specifically, the emissions units are subject to 62-204.800 and 40 CFR 60 Subpart I. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. **[Rule 62-210.300(1), F.A.C. and the SOA]**

### II.2 EMISSION LIMITING AND PERFORMANCE STANDARDS

- II.2.1 General VOC Standards: The permittee shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents without applying known and existing vapor emission control devices or systems. **[Rule 62-296.320(1), F.A.C.]**
- II.2.2 Objectionable Odors: The permittee shall not 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.]**
- Note: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-210.200(200), F.A.C.]*
- II.2.3 General Visible Emissions Standard: Unless otherwise specified by permit, the permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from new, or existing emissions units, the opacity of which is equal to or greater than 20 percent. **[Rule 62-296.320(4)(b), F.A.C.]**
- II.2.4 Unconfined Emissions of Particulate Matter: The permittee shall not 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. **[Rule 62-296.320(4)(c), F.A.C.]**

*Note: Facilities that cause frequent, valid complaints will be required by the Health Department to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular facility, the Health Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

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## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

- II.2.5 Facility-Wide Operating Restrictions: The facility is subject to the following operating restrictions on a 12-month rolling average **[Rule 62-210.300(3)(c)1, F.A.C.]**:
- (a) Fuel Oil Usage shall not exceed 1,200,000 gallons per year.
  - (b) Asphalt Concrete Production shall not exceed 500,000 tons per year.
  - (c) Hours of Operation shall not exceed 4,000 hours per year.
- II.2.6 Facility-Wide Emissions Cap: The permittee shall not cause or allow sulfur dioxide emissions from the facility in excess of 92 tons per year. **[PSD & Title V Synthetic Minor Source]**

### II.3 OPERATION AND MAINTENANCE REQUIREMENTS

- II.3.1 Circumvention: The permittee shall not circumvent air pollution control equipment/methods or allow the emission of air pollutants without the equipment/methods operating properly. **[Rule 62-210.650, F.A.C.]**
- II.3.2 Excess Emissions Requirements **[Rule 62-210.700, F.A.C.]**
- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Health Department for longer duration. **[Rule 62-210.700(1), F.A.C.]**
  - (b) 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 start-up, shutdown, or malfunction are prohibited. **[Rule 62-210.700(4), F.A.C.]**
  - (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Air Pollution Control Section of the Palm Beach County Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. **[Rule 62-210.700(6), F.A.C.]**

### II.4 COMPLIANCE MONITORING REQUIREMENTS

- II.4.1 Duration: The permittee shall maintain all records and reports required by this permit for at least 3 years from the date the information is recorded to verify the facility's status as a synthetic minor source under the PSD and Title V Operating Permit Programs. **[Rule 62-4.070(3), F.A.C.]**
- II.4.2 Test Procedures: The permittee shall meet all applicable requirements of the Chapter 62-297, F.A.C. See *Appendix C* of this permit for a summary of these requirements. **[Rule 62-297.100, F.A.C.]**
- II.4.3 Operational Rate During Testing: Unless otherwise stated in the applicable emission limiting standard for a rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. **[Rule 62-297.310(2), F.A.C.]**
- II.4.4 Stack Testing Facilities: The owner or operator shall maintain permanent stack testing facilities in accordance with **Rule 62-297.310(6), F.A.C.** These requirements are summarized in *Appendix C* of this permit.
- II.4.5 Test Notification: The owner or operator shall notify the Health Department, in writing, at least 15 days prior to the date on which each formal compliance test is to begin, of the test date, the expected test time, the location of the test, the facility contact person responsible for coordinating the test, and the person or company conducting test. The 15 day notification requirement may be waived at the discretion of the

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## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

Health Department. Likewise, if circumstances prevent testing during the test window specified for the emissions unit, the owner or operator may request an alternate test date before the expiration of this window. **[Rule 62-297.310(7)(a)9., F.A.C.]**

- II.4.6 **Special Compliance Tests:** When the Health Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a DEP rule or permit 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 Health Department. **[Rule 62-297.310(7)(b), F.A.C.]**
- II.4.7 **Compliance tests:** The permittee shall conduct compliance tests that demonstrate compliance with the applicable emission limiting standards each federal fiscal year (October 1 – September 30) at intervals of no more than 12 months. **[Rule 62-297.310(7)(a), F.A.C.]**

### II.5 REPORTS REQUIRED

- II.5.1 **Annual Operations Report:** Before March 1st of each year, the permittee shall submit an Annual Operations Report *[DEP Form No. 62-210.900(5)]* to the Health Department which summarizes operations for the previous calendar year. **[Rule 62-210.370(3), F.A.C.]**
- II.5.2 **Excess Emissions Report:** If excess emissions occur, the permittee shall notify the Air Compliance Section of the Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Health Department may request a written summary report of the incident. **[Rules 62-4.130 and 62-210.700(6), F.A.C.]**
- II.5.3 **Emission Compliance Stack Test Reports:** For each required emissions compliance test, a report indicating the results of the test shall be filed with the Health Department as soon as practical, but no later than 45 days after the last sampling run is completed. The report shall provide sufficient detail on the tested emissions unit and the procedures used to allow the Health Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8)(c), F.A.C.** and summarized in *Appendix C* of this permit. Additional report information may be specified for a given group of emissions units in this permit. **[Rule 62-297.310(8), F.A.C.]**

### II.6.0 WASTE REQUIREMENTS

- II.6.1 **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 air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

### SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

**GROUP A. This portion of the permit addresses the following emissions unit:**

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
04	250 TPH Asphalt Plant, Double Drum Dryer (Astec Industries Model No. DDC-946C; S/N 92-128) firing fuel oil grade No. 5 or better containing no more than 1.0% sulfur by weight. Particulate emissions are controlled by an Astec Industries Model No. SBHT-79 baghouse.
Note: The emissions unit is subject to the visible emissions and particulate matter emission limiting standards of 40 CFR 60 Subpart I, Standards of Performance for Hot Mix Asphalt Facilities (adopted by reference Rule 62-204.800, F.A.C.). In addition, the emissions unit is subject to an annual emissions cap for sulfur dioxide.	

#### III.A.1 EMISSION LIMITING STANDARDS

- III.A.1.1 Visible Emissions: Unless otherwise specified in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from new, or existing emissions units, the opacity of which is equal to or greater than 20 percent based on the highest 6-minute average. [40 CFR 60.92(a)(2), Rule 62-204.800, F.A.C., Rule 61-210.300(3)(c)1,f, F.A.C. & Rule 62-296.320(4)(b)1, F.A.C.]
- III.A.1.2 Particulate Matter (PM) emissions from the dryer exhaust shall not exceed 0.04 grains per dry standard cubic foot of flue gas, 11 pounds per hour and 22 tons per year based on a design flow rate of 32,265 dry standard cubic feet per minute (dscfm). [40 CFR 60.92(a)(1), Rule 62-204.800, F.A.C., Rule 61-210.300(3)(c)1,d, F.A.C. and Permit Application]

#### III.A.2 OPERATING RESTRICTIONS

- III.A.2.1 Operating Limits: The maximum short-term operating rates from the dryer shall not exceed the following:
- (a) 250 tons of asphaltic concrete per hour (24-hour block average)
  - (b) 104 mmBtu/hr of heat input (3-hour average)
- [Rule 62-4.070(3), F.A.C.]
- III.A.2.3 Hours of Operation: The permittee is authorized to operate the dryer 24 hours per day, 7 days per week, but no more than 4,000 hours per year (12-month rolling average). [Rule 62-210.300(3)(c)1.d, F.A.C.]
- III.A.2.4 Fuel Oils: The permittee is authorized to fire the following fuels, alone or in combination, within the dryer:
- (a) Fuel Oil Grades 2 through 5.
  - (b) On-Specification Used Fuel Oil.
- [Rule 62-4.070(3), F.A.C. and Applicant Request]
- Note: The use of on-specification used oil is authorized provided the permittee receives a vendor certificate for each shipment. The analysis shall include sulfur, arsenic, cadmium, chromium, lead and polychlorinated biphenyls (PCB) contents, heat content, total halogens, and flash point. Vendor certification shall not be the sole basis of compliance with the sulfur content limitation of this permit.*
- III.A.2.5 Sulfur Content: The maximum sulfur content of any fuel oil fired in the dryer not exceed 1.0 percent by weight (As-Fired Limitation). [Rule 62-4.070(3), F.A.C. and Applicant Request]
- III.A.2.6 Stack Height: The permittee shall maintain a minimum stack height of 14.2 meters (44' 6") above the ground level. [Rule 62-4.070(3), F.A.C. and Applicant Request]

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### SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

#### III.A.3 COMPLIANCE/PERIODIC MONITORING REQUIREMENTS

III.A.3.1 Visible Emissions: The permittee shall have a formal compliance test conducted on the dryer exhaust each federal fiscal year (October 1 – September 30) at intervals of no more than 12 months to demonstrate compliance with the opacity limitation. [Rule 62-297.310(7)(a)4.a, F.A..] The test shall meet the following requirements:

- (a) The permittee shall use EPA Method 9, *Visual Determination of the Opacity of Emissions from Stationary Sources*, 40 CFR 60, Appendix A. [40 CFR 60.93(b)(2)]
- (b) The observation period of the EPA Method 9 shall be at least thirty (30) minutes in duration. [Rule 62-297.310(4)(a)2, F.A.C.]

III.A.3.2 Particulate Matter: The permittee shall have a formal compliance test conducted on the dryer exhaust each federal fiscal year (October 1 – September 30) at intervals of no more than 12 months to demonstrate compliance with the grain loading and mass emission limitations. [Rule 62-297.310(7)(a)4.a, F.A..]. The test shall meet the following requirements:

- (a) The permittee shall use EPA Method 5, *Determination of Particulate Emissions from Stationary Sources*, 40 CFR 60, Appendix A. [40 CFR 60.93(b)(1)]
- (b) Each test shall consist of 3 separate runs with sample times and volumes of at least 60 minutes and 31.8 dry standard cubic feet per run. [40 CFR 60.93(B)(1)]

III.A.3.3 Fuel Oil Sulfur Content: The permittee shall sample and monitor fuel oil sulfur content in accordance with the “Used Oil Quality Control Assurance Plan” and during each federal fiscal year (October 1 – September 30) at intervals of no more than 12 months collect a sample of the as-fired fuel oil in accordance with the following:

- (a) Annual sampling shall be conducted simultaneously with the annual particulate matter testing and consist of three (3) samples, one per test run, collected from an in-line sampler.
- (b) Test samples shall be mixed into a single composite sample with a split sample provided to the Health Department within 24 hours of collection.
- (c) The samples shall be analyzed for sulfur content in accordance with the following ASTM Method(s), as appropriate:
  - (i) ASTM D 4057-88. Standard Practice for Manual Sampling of Petroleum and Petroleum Products.
  - (ii) ASTM D 129-91. Standard Test Method for Sulfur in Petroleum Products (General Bomb Method).
  - (iii) ASTM D 2622-94. Standard Test Method for Sulfur in Petroleum Products by X-Ray Spectrometry.
  - (iv) ASTM D 4294-90. Standard Test Method for Sulfur in Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectroscopy.

[Rule 62-297.310(7)(b), F.A.C.]

III.A.3.4 Operating Records: The permittee shall maintain the following records for at least three (3) years:

- (a) Used Oil Quality Control Assurance Plan: The permittee shall maintain records and sampling results in accordance with Appendix D of this permit. The permittee shall notify the Health Department within 24-hours of identifying a fuel oil shipment with a sulfur content varying by more than 0.10 percent by weight from the vendor’s certification.
- (b) Daily Records: The permittee shall maintain daily records on the following:
  - Day, Month and Year.
  - Hours of Operation of the Dryer.
  - Total Tons of Asphalt Produced.
  - Total Tons of Aggregate, RAP, and Asphaltic Cement Used.

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**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

- Total Gallons of Fuel Oil and/or On-Specification Used Oil fired.
- (c) Monthly Records: The permittee shall maintain monthly records on the following:
- Month and Year.
  - Hours of Operation of the Dryer and the 12-month rolling average.
  - Total Tons of Asphalt Produced and the 12-month rolling average.
  - Total Gallons of Fuel Oil/On-Specification Used Oil Fired and the 12-month rolling average.
  - Vendor Certificates on Fuel Oil/On-Specification Used Oil.
  - Fuel Oil Sampling results in accordance with the “Used Oil Quality Control assurance Plan.”



### SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

**GROUP B. This portion of the permit addresses the following emissions unit:**

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
05	1.412 mmBTU/hour Asphalt cement heater (Heatec Model No. HC-120) firing No. 2 fuel oil or better containing no more than 0.5% sulfur by weight.

#### III.B.1 OPERATING RESTRICTIONS

III.B.1.1 Operating Limits: The maximum allowable heat input to the heater shall not exceed 1.4 mmBtu/hr (3-hour average). **[Permit Application]**

III.B.1.2 Hours of Operation: 24 hours per day, 7 days per week, but no more than 8,760 hours per year. **[Permit Application]**

III.B.1.3 Fuel Oils: The permittee is authorized to fire virgin No. 2 fuel oil in the unit. **[Permit Application]**

*Note: The use of virgin No. 2 fuel oil is authorized provided the permittee receives a vendor certificate for each shipment including an analysis of the sulfur content. Vendor certification shall not be the sole basis of compliance with the sulfur content limitation of this permit*

III.B.1.4 Sulfur Content: Maximum sulfur content of any fuel fired within the heater shall not exceed 0.5 percent by weight. **[Permit Application]**

#### III.B.2 COMPLIANCE/PERIODIC MONITORING REQUIREMENTS

III.B.2.1 Fuel Oil Sulfur Content: The permittee shall collect a sample of the as-fired fuel oil during each federal fiscal year (October 1 – September 30) at intervals of no more than 12 months and analyze for fuel oil sulfur content in accordance with the following methods:

- ASTM D 4057-88. Standard Practice for Manual Sampling of Petroleum and Petroleum Products.
- ASTM D 129-91. Standard Test Method for Sulfur in Petroleum Products (General Bomb Method).
- ASTM D 2622-94. Standard Test Method for Sulfur in Petroleum Products by X-Ray Spectrometry.
- ASTM D 4294-90. Standard Test Method for Sulfur in Petroleum Products by Energy-Dispersive X-Ray Fluorescence Spectroscopy.

**[Rule 62-297.310(7)(b), F.A.C.]**

III.B.3.2 Monthly Records: The permittee shall maintain monthly records for at least three (3) years on the following:

- Month.
- Total Gallons of No. 2 Fuel Oil Fired in the Asphalt Cement Heater and the 12-month rolling average.
- Vendor Certificates on No. 2 Fuel Oil.
- No. 2 Fuel Oil Quantities Received.

### SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

#### GROUP C. This portion of the permit addresses the following emissions unit:

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
06	Materials Handling & Storage Operations including the storage piles, storage bins, conveyors, and transfer operations.

#### III.C.1 EMISSIONS LIMITING STANDARDS

- III.C.1.1 Visible Emissions: Unless otherwise specified in this permit, the permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from new, or existing emissions units, the opacity of which is equal to or greater than 20 percent based on the highest 6-minute average. [40 CFR 60.92(a)(2), Rule 62-204.800, F.A.C., Rule 61-210.300(3)(c)1,f, F.A.C. & Rule 62-296.320(4)(b)1, F.A.C.]

#### III.C.2 OPERATING RESTRICTIONS

- III.C.2.1 Hours of Operation: The permittee is authorized to operate the materials handling and storage operations 24 hours per day, 7 days per week, and 52 weeks per year. [Permit Application]

- III.C.2.2 Unconfined Emissions of Particulate Matter: The permittee shall not 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: [Rule 62-296.320(4)(c), F.A.C.]

- 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.

*Note: Facilities that cause frequent, valid complaints will be required by the Health Department to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular facility, the Health Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

#### III.C.3 COMPLIANCE/PERIODIC MONITORING REQUIREMENTS

- III.C.3.1 Visible Emissions: The permittee shall have formal compliance tests conducted on the conveyor drop and transfer points each federal fiscal year (October 1 – September 30) at intervals of no more than 12 months to demonstrate compliance with the opacity limitation. [Rule 62-297.310(7)(a)4.a, F.A.C.] The test shall meet the following requirements:

- (a) The permittee shall use EPA Method 9, *Visual Determination of the Opacity of Emissions from Stationary Sources*, 40 CFR 60, Appendix A. [40 CFR 60.93(b)(2)]
- (b) The observation period of the EPA Method 9 shall be at least thirty (30) minutes in duration. [Rule 62-297.310(4)(a)2, F.A.C.]

#### GROUP D. This portion of the permit addresses the following group of emissions units:

### SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS

EMISSION UNIT NO.	EMISSIONS UNIT DESCRIPTION
07	Organic Liquid Storage Tanks (5) including two (2) 30,000 gallon asphalt tanks, one (1) 20,000 gallon asphalt tank, one 20,000 gallon No. 5 fuel oil tank, and one (1) 400 gallon No. 2 fuel oil tank.

#### III.D.1 OPERATING RESTRICTIONS

III.D.1.1. Hours of Operation: The permittee is authorized to operate the organic liquid storage tanks 24 hours per day, 7 days per week, and 52 weeks per year. **[Permit Application]**

III.D.1.2 Fuel Oils: The permittee is authorized to store and handle the following fuels:

- (a) Fuel Oil Grades 2 through 5.
- (b) On-Specification Used Fuel Oil.
- (c) Asphaltic Cement.

**[Permit Application]**

#### III.D.2 COMPLIANCE /PERIODIC MONITORING REQUIREMENTS

III.D.2.1 Operating Records: The permittee shall maintain the following monthly records for at least three (3) years::

- Month.
- Throughput for each tank on a 12-month rolling average.
- Vendor Certificates on Fuel Oil/On-Specification Used Oil
- Fuel Oil/On-Specification Used Oil Quantities Received.

III.D.2.2 General VOC Standards: The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents without applying known and existing vapor emission control devices or systems. This includes: **[Rule 62-296.320(1), F.A.C.]**

- Monthly inspection, maintenance and repair of the oil storage tanks and piping in order to minimize spills and leaks of volatile organic liquids.
- All spills and leaks shall be cleaned up and repaired within 24 hours of identification.