Florida Department of Environmental Protection

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

Permittee:
Community Asphalt Corporation
14005 NW 186th Street
Hialeah, Florida 33018

Attn: Jorge Rios, Vice President

Facility Number: 0610001
Permit Number: 0610001-005-AC
Expiration Date: January 30, 2010
County: Indian River
Latitude/Longitude:
27° 41' 15"N/80° 24' 54"W
Project: Use Crusher at Site

This permit is issued under the provisions of Chapter(s) 403, Florida Statutes, and Florida Administrative Code Rule(s) 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 department and made a part hereof and specifically described as follows:

This construction permit allows for the operation of a RAP (recycled asphalt pavement) crusher as an emission unit at this site.

Community Asphalt Corporation may continue to operate a Drum Mix Asphalt Plant manufactured by Gencor Industries, Inc., Model 300 skidded ultraplant. Particulate (PM) emissions are controlled with a primary inertial collector followed by a pulse jet cleaning type baghouse manufactured by Gencor Industries, Inc., Model CFS-118, having an air to cloth ratio of 5.04 to 1. The overall PM collection efficiency is approximately 99.96%. The plant also has a 1.2 MMBTU/hr. hot oil heater.

This facility is classified as a synthetic minor facility and is located at 5100 29th Court, Vero Beach, Indian River County, Florida.

This construction permit supercedes and replaces all previous air permits.

"More Protection, Less Process"
www.dep.state.fl.us

GENERAL CONDITIONS:

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.

3. As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup and auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

   (a) Have access to and copy any records that must be kept under conditions of this permit;
   (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

   Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:

   (a) A description of and cause of noncompliance; and
   (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance.

   The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

GENERAL CONDITIONS:

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.

11. This permit is transferable only upon Department approval in accordance with Rule 62-4.120 and Rule 62-30.300, Florida Administrative Code (F.A.C.), as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

    ( ) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    ( ) Certification of compliance with State Water Quality Standards (Section 401, PL 92-500)
    (X) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

    (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.

    (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring information) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.

    (c) Records of monitoring information shall include:
        1. the date, exact place, and time of sampling or measurements;
        2. the person responsible for performing the sampling or measurements;
        3. the dates analyses were performed;
        4. the person responsible for performing the analyses;
        5. the analytical techniques or methods used;
        6. the results of such analyses.

15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

SPECIFIC CONDITIONS:

1. The facility is subject to the following provisions of 40 CFR 60, Subchapter C - Air Programs, Subpart A - General Provisions, the complete text of which is provided in Appendix A:

   a) 40 CFR 60.8 - Performance tests;
   b) 40 CFR 60.9 - Availability of information;
   c) 40 CFR 60.10 - State authority;
   d) 40 CFR 60.11 - Compliance with standards and maintenance requirements;
   e) 40 CFR 60.12 - Circumvention; and
   f) 40 CFR 60.14 - Modification

2. The facility is subject to the provisions of 40 CFR 60, Subchapter C-Air Programs, Subpart I - Standards of Performance for Hot Mix Asphalt Facilities, the complete text of which is provided in Appendix A.

   a) 40 CFR 60.92 - Standard for particulate matter: and
   b) 40 CFR 60.93 - Test methods and procedures.

Operating Conditions

3. The emission unit maximum operating limits are as follows:

   a) The process rate shall not exceed 0.500 million tons of a virgin or recycle mix asphalt product per any consecutive twelve month period.

   b) Total fuel oil consumption shall not exceed 1.2 million gallons in any consecutive twelve month period of new (virgin) no. 2 fuel oil through new (virgin) no. 6 fuel oils and on-specification used oil.

   c) The plant is permitted to use natural gas, propane, new (virgin) no. 2 through new (virgin) no. 6 fuel oils and on-specification used oil only.

   d) The maximum sulfur content of all fuel oils fired shall not exceed 1.0 percent by weight.

   [Rule 62-210.200, F.A.C. - Definitions - (PTE), 62-210.300(3)(c)1., F.A.C.]

4. The following used oil specifications are applicable. Used oil within the allowable levels is “on-specification” and used oil exceeding any allowable level is “off-specification”.

Constituent/Property	Allowable Levels	Test Methods
Arsenic	5 ppm maximum	**Test Methods used in** EPA SW-846
Cadmium	2 ppm maximum	**Test Methods used in** EPA SW-846
Chromium	10 ppm maximum	**Test Methods used in** EPA SW-846
Lead	100 ppm maximum	**Test Methods used in** EPA SW-846
Flash Point	100° F minimum	**Test Methods used in** EPA SW-846
Total Halogens	4,000 ppm maximum*	**Test Methods used in** EPA SW-846
PCB	< 50 ppm	**Test Methods used in** EPA SW-846

SPECIFIC CONDITIONS:

* Used oil containing between 1,000 and 4,000 ppm of total halogens is presumed to be a hazardous waste because it has been mixed with halogenated hazardous waste and cannot be utilized unless the applicant first rebuts this presumption by demonstrating that Used Oil does not contain hazardous waste and receives written approval from the Department.
[Rule 62-710.210(3), F.A.C. and 40 CFR Part 279.11]

5. When used oil is fired the facility must operate in compliance with all applicable regulations and Department policy including the requirements of Rule 62-710, F.A.C. and 40 CFR Part 279, Subparts D and E and any new regulations subsequently adopted, and the following conditions shall apply:

   a) Each time used oil is transferred to the facility storage tank a sample of used oil to be burned shall be analyzed for arsenic, chromium, cadmium, total halogens, PCB, flash point, and lead using EPA/DEP or ASTM approved methods prior to being fired. Alternately, the used oil vendors' analysis for the referenced parameters may be utilized to satisfy this condition. Results of the used oil sampling and analysis shall be retained on site for a three-year period.
   b) The total quantity of used oil burned during each calendar year, on a monthly basis, shall be included in the Annual Operations Report for Air Emissions Sources.
   c) The firing of used oil which contains PCB at concentrations greater than 2 ppm and less than 50 ppm is regulated by 40 CFR 761. The source can not fire used oil which contains PCB concentrations in this range during startup or shutdown in accordance with 40 CFR 761.20(e)(3), and the source must submit to this office a copy of the written notice described in 40 CFR 761.20(e)(3)].

   [Rule 62-4.070, F.A.C.]

6. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, 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 emission. The area must be watered down should unconfined emissions occur.
   [Rule 62-296.320(4)(c)1., F.A.C.]

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

Operating Conditions - Nonmetallic mineral processing plant

8. The owner or operator shall comply with paragraph 62-296.320(4)(c), F.A.C., using the following reasonable precautions:

   a) Unconfined emissions that might be generated from various activities throughout a nonmetallic mineral processing plant processing dry material shall be controlled by using a water suppression system with spray bars located at the feeder(s), the entrance and exit of the crusher(s), the classifier screens, and the conveyor drop points.

SPECIFIC CONDITIONS:

b) Unconfined emissions that might be generated by vehicular traffic or wind shall be controlled by applying water (by water trucks equipped with spray bars) or effective dust suppressant(s) on a regular basis to all stockpiles, roadways and work-yards where this nonmetallic mineral processing plant is located.

[Rules 62-210.300 (4)(c), F.A.C.]

Emission Limits

9. No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. 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 62-296.320(2) F.A.C. and Rule 62-210.200(181), F.A.C.]

Emission Limits - Nonmetallic mineral processing plant

10. The owner or operator shall comply with the following emission standards as applicable:

a) Nonmetallic mineral processing plants subject to 40 CFR Part 60, Subpart OOO, shall comply with all applicable standards, limitations, and requirements of Subpart OOO. The text of Subpart OOO has been included in Appendix A (pages 7, 8 and 9 of 9).

[Subpart OOO and Rule 62-204.800, F.A.C.]

Compliance Testing

11. The **Drum Mix Asphalt Plant** must be tested for particulate emissions and concurrently for visible emissions **no later than 180 days after receipt of this permit.**
[Rule 40 CFR 60.8 and Rule 62-210.300(3)(c)1.i., F.A.C.]

12. **The crusher must be tested for visible emissions no later than 180 days after receipt of this permit.**
[Rule 40 CFR 60.8 and Rule 62-210.300(3)(c)1.i., F.A.C.]

13. EPA Method 5 shall be used to determine the particulate matter concentration. The sampling time and sample volume for each run shall be at least 60 minutes and 0.90 dscm (31.8 dscf).
[Rule 62-297.401, F.A.C.; 40 CFR 60.93 (b)(1)]

14. DEP Method 9 and the procedures in 40 CFR 60.11 shall be used to determine opacity. DEP Method 9 shall be conducted for thirty minutes.
[Rule 62-297.401 F.A.C.; 40 CFR 60.93(b)(2)]

15. **The owner or operator shall notify the air compliance section of this office, at least 15 days prior to the date on which each formal compliance test is due to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.**
[Rule 62-297.310(7)(a)9., F.A.C.]

SPECIFIC CONDITIONS:

16. The maximum operating rate is 300 tons per hour **of asphalt product for the drum mix asphalt plant and 500 tons per hour of crushed asphalt pavement for the crusher.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 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 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.]

17. The stack sampling facility must comply with Rule 62-297.310(6), F.A.C., regarding minimum requirements that include but are not limited to: location of sampling ports, work platform area hand rails and toe rails, caged ladder, access and electrical power.

18. A differential pressure gauge is required to measure the pressure drop across the baghouse, a minimum of 10 days before the stack test is performed.
[Rule 62-297.310(5)(b), F.A.C.]

Recordkeeping and Document Submittal

19. The permittee shall maintain records to demonstrate that the sulfur content, by weight, of each shipment of new and on-spec used oil is 1.0 percent or less and that the sulfur content was determined in accordance with the methods listed in specific condition 20.
[Rule 62-210.300(3)(c)1.c., F.A.C.]

20. The fuel sulfur content, percent by weight, for liquid fuels shall be evaluated using ASTM methods ASTM D4057-88 and one of ASTM D2622-94, ASTM D4294-98, ASTM D1552-95 or ASTM D129-91 adopted and incorporated by reference in Rule 62-297.440(1), F.A.C. Alternately, after written notification to and approval by the Department, the permittee may use other DEP Air Program-approved methods, i.e. alternate sampling procedures, for sulfur in petroleum products.
[Rules 62-210.300(3)(c)1.c., F.A.C.]

21. In order to demonstrate compliance with operating condition number 3 on page 4 and general condition 14c. on page 3, the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log at a minimum shall contain the following:

Monthly

a) designation of the month and year of operation for which the records are being tabulated
b) consecutive 12 month total of asphalt concrete product (tons)**;** the amount of fuel consumed, **which includes the fuel used by the drum mix asphalt plant, the hot oil heater, and the crusher;** and the sulfur content of the fuel oil fired.

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

SPECIFIC CONDITIONS:

Note: A consecutive 12 months total is equal to the total for the month in question plus the totals for the eleven months previous to the month in question. A consecutive 12-months total treats each month of the year as the end of a 12-months period. A 12-months total is not a year-to-date total. Facilities that have not been operating for 12 months should retain 12 months totals using whatever number of months of data are available until such a time as a consecutive 12 months total can be maintained each month. **The monthly logs shall be completed by the end of the following month.**
[Rule 62-4.070(3), F.A.C.]

22. The owner or operator shall submit a copy of the compliance test results to the air compliance section of this office within 45 days after the last sampling run of each test is completed.
[Rule 62-297.310(8)(b), F.A.C]

23. **The owner or operator shall complete DEP Form No. 62-210.900(5), F.A.C., "Annual Operating Report for Air Pollutant Emitting Facility," for each calendar year and submit it either electronically using the latest Department Annual Operating Report software or by hard copy to the air compliance section of this office by April 1 of the following year, except that the annual operating report for year 2008 shall be submitted by May 1, 2009 in accordance with Rule 62-210.370(3), F.A.C. The emissions shall be computed in accordance with the provisions of Rule 62-210.370(2), F.A.C., for the purposes of the annual operating report.**
[Rule 62-210.370(3), F.A.C.]

Permit Application

24. **An operating permit is required for operation of this source. To obtain a permit, the permittee must demonstrate compliance with the conditions of the construction permit and submit the application fee, along with the compliance test results and Application for Air Permit to the Department's Central District Office [Rule 62-4.220, F.A.C.]. The application shall be submitted no later than 180 days after receipt of this permit.**
[Rule 62-4.220, F.A.C.]

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

_____
James N. Bradner, P.E.
Program Administrator
Air Resources Management

Issued: _____