



Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

David B. Struhs
Secretary

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

February 8, 2000

Mr. Ken Conwell, Project Engineer
Koogler and Associates Environmental Services
4014 NW Thirteenth Street
Gainesville, Florida 32609

Re: Request for Additional Information

Florida Rock Industries, Inc – Applications for statewide permit for a relocatable crusher.

Dear Mr. Conwell:

On January 18, 2000, the Department received your application and fee for an air construction permit for a relocatable concrete and asphalt crusher, owned by Florida Rock Industries, Inc. The application is incomplete. In order to continue processing your application, the Department will need the additional information requested below. Should your response to any of the below items require new calculations, please submit the new calculations, assumptions, reference material and appropriate revised pages of the application form.

1. Please provide copies of existing construction and operating permits for this facility. The application suggests this information is in the possession of the Department but fails to provide any old permit numbers or facility identification. Department records do not match with the equipment described in the application and information recorded for Permit 1110072-005-AO, which was issued on September 28, 1996, and which appears to be a modification of permit 1110072-003-AO, which had expired.
2. Please provide facts supporting the assertion that this Cedar Rapids Portable Crushing unit is not subject to 40 CFR 60, Subpart OOO, as specified on pages 11, 12 and 14 of the application.
3. Please provide a copy of the area map and plot plan referenced on page 10 of the application. Department records do not appear to include this information. The map was not attached to the application.
4. Please provide a list of each power unit, whether internal combustion engines, or electric motors associated with this relocatable crusher, including the manufacturer, model number, serial number and date of installation.
5. With respect to each item described in the response to query 4. above, please describe any repairs or renovations since this facility was last permitted, the nature and cost thereof, and further differentiating between ore or mineral contact surface and general mechanical, electrical, power-train and structural repairs
6. Can this transportable crusher unit be operated from commercial electric power without the use of the diesel generator set described as emission unit 002 in the application?
7. Please provide an estimate of the capital cost of a replacement transportable unit similar to that for which the permit application is directed.

8. For each crusher, or grinding mill, please provide: (i) The rated capacity in tons per hour of the existing facility being replaced; (ii) the rated capacity in tons per hour of the replacement equipment; (iii) the date of manufacture of such crusher or grinder. Has this assembly ever been of a size or capacity different than specified on page 13 of the application?
9. For a screening operation please provide: (i) The total surface area of the top screen of the existing screening operation being replaced; (ii) the total surface area of the top screen of the replacement screening operation; (iii) the date of manufacture of such screens or classifiers. Have any of these assemblies ever been of a size or capacity different than specified on page 13 of the application?
10. For each belt conveyor: (i) The width and speed of the existing belt being replaced; (ii) the width and speed of the replacement conveyor belt. Have any of these conveyors ever been of a size or capacity different than specified on page 13 of the application?
11. Please indicate dates and results of any written reports all performance tests conducted to demonstrate compliance with the standards set forth in Section 62-297.310 (7)(a)4.a. Florida Administrative Code (FAC) or 40 CFR 60.672, including reports of opacity observations made using Method 9 to demonstrate compliance with 40 CFR 60.672(b), (c), and (f), and reports of observations using Method 22 to demonstrate compliance with 40 CFR 60.672(e).
12. Please specify the nature of any materials to be crushed or processed by this unit, whether quarry run lime-rock, concrete recycling, asphalt pavement recycling, specific other materials, or combinations thereof.
13. Please provide calculations indicating any VOC and Carbon Monoxide emissions from this facility, which would presumably be emitted by the internal combustion engines.
14. Please describe the precautions to prevent emissions of unconfined particulate material. If this is to be a water spray, indicate application rates in gallons per ton and location of spray nozzles. Also please describe precautions to be applied to storage piles, and haul road or yard areas.
15. Please verify that internal combustion engines will operate on commercial No. 2 virgin diesel fuel; Please provide the maximum sulfur content by weight of the fuel oil to be burned; the estimated daily fuel consumption; and describe amount and facilities for fuel oil storage.

The Department will resume processing your application after receipt of the requested information. Rule 62-4.050(3), F.A.C., requires that all applications for a Department permit must be certified by a professional engineer registered in the State of Florida. This requirement also applies to responses to Department requests for additional information of an engineering nature. Material changes to the application should also be accompanied by a new certification statement by the authorized representative or responsible official. Permit applicants are advised that Rule 62-4.055(1), F.A.C. now requires applicants to respond to requests for information within 90 days. If there are any questions, please call me at 850/921-9522.

Sincerely,

William Leffler, P.E.

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cc: Michael O'Berry, Authorized Representative, Florida Rock Industries, Inc.