

Department of Environmental Protection

Lawton Chiles
Governor

Northeast District
7825 Baymeadows Way, Suite B200
Jacksonville, Florida 32256-7590

Virginia B. Wetherell
Secretary

January 30, 1995

CERTIFIED MAIL - RETURN RECEIPT

Mr. T. Woodward, Operations Manager
Florida Rock Industries, Inc.
924 S. Main Street
Gainesville, Florida 32602

Dear Mr. Woodward:

Florida Rock Industries, Inc.
Warning Letter No. WL95-0521HW01NED
Class I Hazardous Waste Violations
DEP/EPA ID FLD 982 129 462
Alachua County - Hazardous Waste

A hazardous waste compliance inspection was conducted at your facility on December 16, 1994. This inspection was conducted under the authority of Section 403.091, Florida Statutes, and Chapter 403, Part IV, Florida Statutes, in order to determine the compliance status of your facility with Title 40 Code of Federal Regulations Parts 262, 265, and 268, as adopted in Florida Administrative Code Chapter 62-730.

During this inspection, possible violations of rules regarding hazardous waste management were noted. These possible violations are described in the "Summary of Violations" section of the attached inspection report.

You are advised that any activity at your facility that may be contributing to violations of the above described statutes and rules should be ceased immediately. Operation of a facility in violation of state statutes or rules may result in liability for damages and restoration, and the judicial imposition of civil penalties up to \$50,000 per violation per day pursuant to Section 403.727, Florida Statutes.

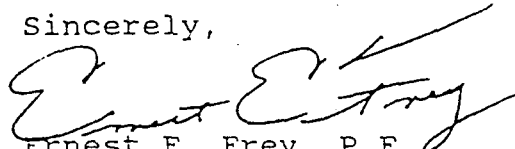
You are requested to contact Karen Balabis of this office at (904) 448-4320 within 10 calendar days of receipt of this Warning Letter to arrange a meeting with Department personnel to discuss the issues raised in this Warning Letter. You may wish to consult an attorney and to have the attorney attend the meeting with the Department.

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PLEASE BE ADVISED that this Warning Letter is part of an agency investigation preliminary to agency action in accordance with Section 120.57(4), Florida Statutes. The purpose of this letter is to advise you of potential violations and to set up a meeting to discuss possible resolutions to any potential violations that may have occurred for which you may be responsible. If you take acceptable corrective actions within 90 days of the date of the inspection report, the Department will not seek penalties from you. However, if you do not take appropriate corrective action within 90 days, under the Department's agreement with the United States Environmental Protection Agency (EPA), a formal administrative complaint or "Notice of Violation" (NOV) must be issued against you within 150 days of the date of the attached inspection report. If the Department issues a Notice of Violation, and you are named as a party, you will be informed of your rights to contest any determination made by the Department in the Notice of Violation.

If after further investigation, the Department determines that the violations occurred and you have not taken timely corrective actions, this matter may be amicably resolved only through the entry of a Consent Order, which will include a compliance schedule and an appropriate penalty.

Sincerely,



Ernest E. Frey, P.E.
Director of District Management

EEF:kbb

Enclosure



Department of Environmental Protection

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HAZARDOUS WASTE INSPECTION REPORT

1. INSPECTION REPORT COMPLAINT ROUTINE FOLLOW-UP PERMITTING
FACILITY NAME Florida Rock Industries, Inc. DEP/EPA ID FLD 982 129 462
STREET ADDRESS 924 S. Main Street, Gainesville, Florida 326026
MAILING ADDRESS same
COUNTY Alachua PHONE (904) 376-2182 DATE 12/16/94 TIME 11:30 A.M.

TYPE OF FACILITY:

<u>Generator Status</u>	<u>Storage</u>	<u>Treatment</u>
<input checked="" type="checkbox"/> Conditionally Exempt (<100 kg/mo)	<input type="checkbox"/> Container	<input type="checkbox"/> Tank
<input type="checkbox"/> SQG (100-1000 kg/mo)	<input type="checkbox"/> Tank	<input type="checkbox"/> Land Treatment
<input type="checkbox"/> Generator (>1000 kg/mo)	<input type="checkbox"/> Waste Pile	<input type="checkbox"/> Thermal
<input type="checkbox"/> Non-Handler	<input type="checkbox"/> Surface	<input type="checkbox"/> Chem/Phys/Bio.
	<input type="checkbox"/> Impoundment	<input type="checkbox"/> Incinerator
		<input type="checkbox"/> Surface Impoundment

<u>Transporter</u>	<u>Disposal</u>
<input type="checkbox"/> Transporter	<input type="checkbox"/> Landfill
<input type="checkbox"/> Transfer Facility	<input type="checkbox"/> Surface Impoundment
	<input type="checkbox"/> Waste Pile

2. Applicable Regulations:

40 CFR 261.5 40 CFR 262 40 CFR 263 40 CFR 264
 40 CFR 265 40 CFR 266 40 CFR 268

3. Responsible Official: Mr. T. Woodward - Operations Manager

4. Survey Participants & Principal Inspector: Gene Engle - FRII
Paul Rondelli - FRII
Karen Balabis - FDEP
Richard Sykes - FDEP

5. Facility Lat/Long: 29°39'06"/82°29'97"

6. Type of Ownership: FEDERAL STATE COUNTY MUNICIPAL PRIVATE

7. Permit No.: _____ Date Issued: _____ Exp. Date: _____

8. Prearranged Inspection: Yes No

PROCESS DESCRIPTION:

Florida Rock Industries, Inc. produces ready mixed concrete and concrete blocks. The facility occupies approximately five (5) acres of land and employs approximately forty (40) people. The facility originally notified as a Small Quantity Generator of hazardous waste. This inspection was unannounced.

Sand and rock are delivered by truck or rail to the facility. After delivery, the sand and rock are transported by conveyor to one of the five silos located near the center of the facility. When needed, sand and rock are transferred by conveyor from the silos to one of the five feeder bins located in the production area of the facility. A dust collector collects the dust generated from this process and deposits it into the fly ash silo located next to the feeder bins. For the production of ready mixed concrete, rock and sand are measured into rotating tanks of cement trucks. Admixtures, such as air entraining agents, waste reducing agents and dispersing agents are added to the tanks along with the sand and rock. The trucks then deliver the concrete to the customer. A review of the facility's MSDS's revealed that all of the admixtures used by the facility are nonhazardous.

Concrete blocks are produced in the block plant. Admixtures and concrete mix are added to a large mixer. The resulting cement is compacted into blocks. The concrete blocks are then stacked inside a separate room of the block plant to dry. B-lube containing 1,1,1-trichloroethane is used to prevent belt slippage on the concrete mixer. Rags and degreasers containing petroleum distillates are used to clean machine parts in the block plant. All rags used in the block plant are laundered by National Linen Service.

The facility operates and maintains a paint shop which is responsible for painting all of the vehicles from the north central division of Florida Rock Industries, Inc. This includes trucks from Green Cove Springs, Palatka, St. Augustine, Starke, Tallahassee and Thomasville. Approximately 160 vehicles are periodically painted at the Gainesville Branch. Cement truck tanks are painted most frequently. The facility paints approximately one (1) to two (2) cement truck tanks per month. Before being painted, the tanks are removed from the trucks and then sand blasted to remove old paint. All sand blasting is done on the east side of the paint shop. Spent grit blast is allowed to fall onto the ground. According to Gene Engle, the facility's quality control and safety director, the spent grit blast is removed once or twice per year and added to a waste concrete pile and sold to the public as fill. According to the facility's MSDS's, the paint shop uses paints containing heavy metal pigments such as barium, cadmium, chromium and lead. Subsequent to

the inspection, the facility performed a Toxicity Characteristic Leaching Procedure (TCLP) Metals analysis on the spent grit blast. The analysis revealed that the dissolved metal content of the spent grit blast was below regulatory level. To reduce the risk of potential contamination to the environment in the future, the Department recommends that the facility either switch to paints which do not contain heavy metal pigments or periodically perform TCLP Metals analysis on the spent grit blast prior to disposal. In addition, the facility should contact the Solid Waste Section of the Department at (904) 448-4320 to discuss proper handling procedures of the spent grit blast.

The facility uses a low pressure, high volume paint gun to paint the cement truck tanks inside the paint shop. The facility does not use a paint booth, and no air filters are used inside the paint shop. According to Paul Rondelli, the paint shop supervisor, the paint gun rarely needs to be cleaned, but when the paint gun does need to be cleaned, lacquer thinner containing toluene, xylene and acetone is used. The facility generates approximately one (1) to two (2) 55-gallon drums of waste solvent/waste paint per year. In November of 1993, one (1) 55-gallon drum of waste solvent/waste paint was manifested to Safety Kleen as D001/F003/F005 hazardous waste. In April of 1994, one (1) 55-gallon drum of waste solvent/waste paint was manifested to Quadrex Environmental as D001/F001/F005 hazardous waste. One (1) 55-gallon satellite drum was accumulating D001/F003/F005 waste solvent/waste paint outside of the paint shop at the time of the inspection. The drum was closed, but it was not labeled. F005 rags contaminated with waste solvent/waste paint are disposed of in the dumpster.

The facility operates and maintains a vehicle maintenance shop which is adjacent to the paint shop. The vehicle maintenance shop generates used oil, used oil filters, used antifreeze, and used batteries. Used oil is stored in a 550-gallon above-ground tank located outside of the paint shop. Used oil is collected periodically by Grayco Environmental for recycling. Used oil filters are drained, crushed and stored in 55-gallon drums. Two (2) 55-gallon drums were accumulating drained/crushed oil filters at the time of the inspection. Drained/crushed oil filters are also collected by Grayco Environmental and are recycled by United Recyclers Services of Texas Inc. Used oil from the drained/crushed oil filters is stored in a 55-gallon drum and periodically added to the 550-gallon used oil tank. Used antifreeze is stored in a 350-gallon tank located next to the used oil tank and is collected by Grayco Environmental for recycling. Used batteries are collected by GNB Battery Technologies.

The vehicle maintenance shop has one (1) parts washer which uses petroleum naphtha. Sludge from the parts washer is added to the

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used oil and waste petroleum naphtha is never removed from the parts washer. Rags used in the vehicle maintenance shop are laundered by National Linen Service.

The facility also operates and maintains a quality control lab. Here the strength of concrete blocks is tested on a crushing machine, and one (1) lime tank is used to cure concrete cylinder molds. The pH of the lime tank must be maintained at 12.5. According to Gene Engle, the tank has never been emptied. No hazardous waste is generated in the quality control lab.

Florida Rock Industries, Inc. is currently a Conditionally Exempt Small Quantity Generator of hazardous waste. A change of status form will be sent with this report. If the facility generates more than 100 kilograms of hazardous waste in one month or accumulates more than 1000 kilograms of hazardous waste on site, it will have to comply with all rules and regulations applicable to a Small Quantity Generator.

SUMMARY OF VIOLATIONS

The following is a violation of the Florida Administrative Code Section 62.730.030 which adopts and incorporates by reference Title 40 Code of Federal Regulation (CFR) Part 261.

40 CFR 261.5 (g) (3) - Special Requirements for Hazardous Waste Generated by Conditionally Exempt Small Quantity Generators

- (g) In order for hazardous waste generated by a conditionally exempt small quantity generator in quantities of less than 100 kilograms of hazardous waste during a calendar month to be excluded from full regulation under this section, the generator must comply with the following requirements:
- (3) A conditionally exempt small quantity generator may either treat or dispose of his hazardous waste in an on-site facility, or ensure delivery to an off-site treatment, storage or disposal facility, either of which if located in the U.S.

Violation: Facility has been improperly disposing of F005 waste solvent/waste paint contaminated rags by throwing them into the dumpster.

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RECOMMENDED CORRECTIVE ACTION:

40 CFR 261.5 (g) (3)

- Effective immediately and henceforth, facility shall ensure delivery and proper disposal of the F005 waste solvent/waste paint contaminated rags to a permitted hazardous waste treatment, storage or disposal facility.

Alternatively, provide documentation to the Department within thirty (30) days that rags are being laundered through a linen service.