



Florida Department of Environmental Protection

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

CERTIFIED MAIL – Return Receipt Requested

Mr. Charles W. Roberts, President
C.W. Roberts Contracting, Inc.
PO Box 188
Hosford, FL 32334

November 6, 2008

Re: Request for Additional Information
Air Operation Permit Renewal
Permit Project No.: 7775176-003-AO
C.W. Roberts Contracting, Inc.

Dear Mr. Roberts:

The Southwest District received your application for an Air Operation Permit renewal on October 27, 2008. Based on a review by the Southwest District of the proposed project, we determined that the application is incomplete. Therefore, the following information is needed in order to continue processing this application pursuant to Rules 62-213.420(1)(b) and 62-4.070(1), F.A.C. Please provide any appropriate revised pages of the application form and all assumptions, calculations, and reference material(s) that are used or reflected in any of your responses.

1. Facility Description

Are the 25,000 gallon mineral filler silo and the lime silo the same piece of equipment?

2. Emissions Unit Information

An air construction permit application must be submitted to the Southwest District to allow the operation of a portable RAP crusher at this facility. Please use the attached documentation as a guide to provide the required information for this new emission unit. The potential emissions must be calculated using the worst case (e.g., crusher with the most emission points) crusher configuration. Include the applicability of 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines to the engine supplying power to the crusher.

3. Required Documentation

Specific Condition No. 39, of Operation Permit 7775176-002-AO requires that copies of the records specified in Specific Conditions Nos. 25, 26 and 27 for the most recent month of operation be submitted with the operation permit renewal application. Please submit a copy of the records for September 2008.

UNITED STATES POSTAL SERVICE



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Dept. of Environmental
Protection

• Sender: Please print your name, address, and ZIP+4 in this box

NOV 12 2008

Dept. of Environmental Protection
Air Resource Management
13051 North
Temple Terrace, FL 33637-0926
Southwest District

7007 0710 0003 0138 9752

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Mr. Charles W. Roberts, President
C W Roberts Contracting Inc
PO Box 188
Hosford, FL 32334

Sent To

7775176-003-AO Request Add'l Info
NK 11/06/2008

Street, Apt. no.,
or PO Box No.

City, State, ZIP+4

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr Charles W Roberts, President
C W Roberts Contracting Inc
PO Box 188
Hosford, FL 32334

7775176-003-AO Request Add'l Info
NK 11/06/2008

2. Article Number
(Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X *Lisa Shieling* Agent Addressee

B. Received by (Printed Name)
Lisa Shieling

C. Date of Delivery
11-10-08

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

3. Service Type

Certified Mail Express Mail
 Registered Return Receipt for Merchandise
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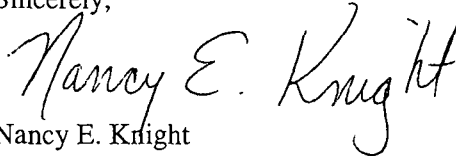
4. Restricted Delivery? (Extra Fee) Yes

7007 0710 0003 0138 9752

Professional Engineer (P.E.) Certification Statement - 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. As a result your response should be certified by a professional engineer registered in the State of Florida. Please complete and submit a new P.E. certification statement page with your response.

The Department must receive a response from you within 90 (ninety) days of receipt of this letter pursuant to Rule 62-213.420(1)(b)3., F.A.C. If you should have any questions, please contact Ms. Nancy E. Knight at 813 632-7600, ext. 120.

Sincerely,



Nancy E. Knight
Air Permit Engineer Specialist
Southwest District

enclosures

copy to: Mr. Maxwell Lee, Ph.D., P.E.
Koogler & Associates, Inc.
4014 NW 13th Street
Gainesville, FL 32609

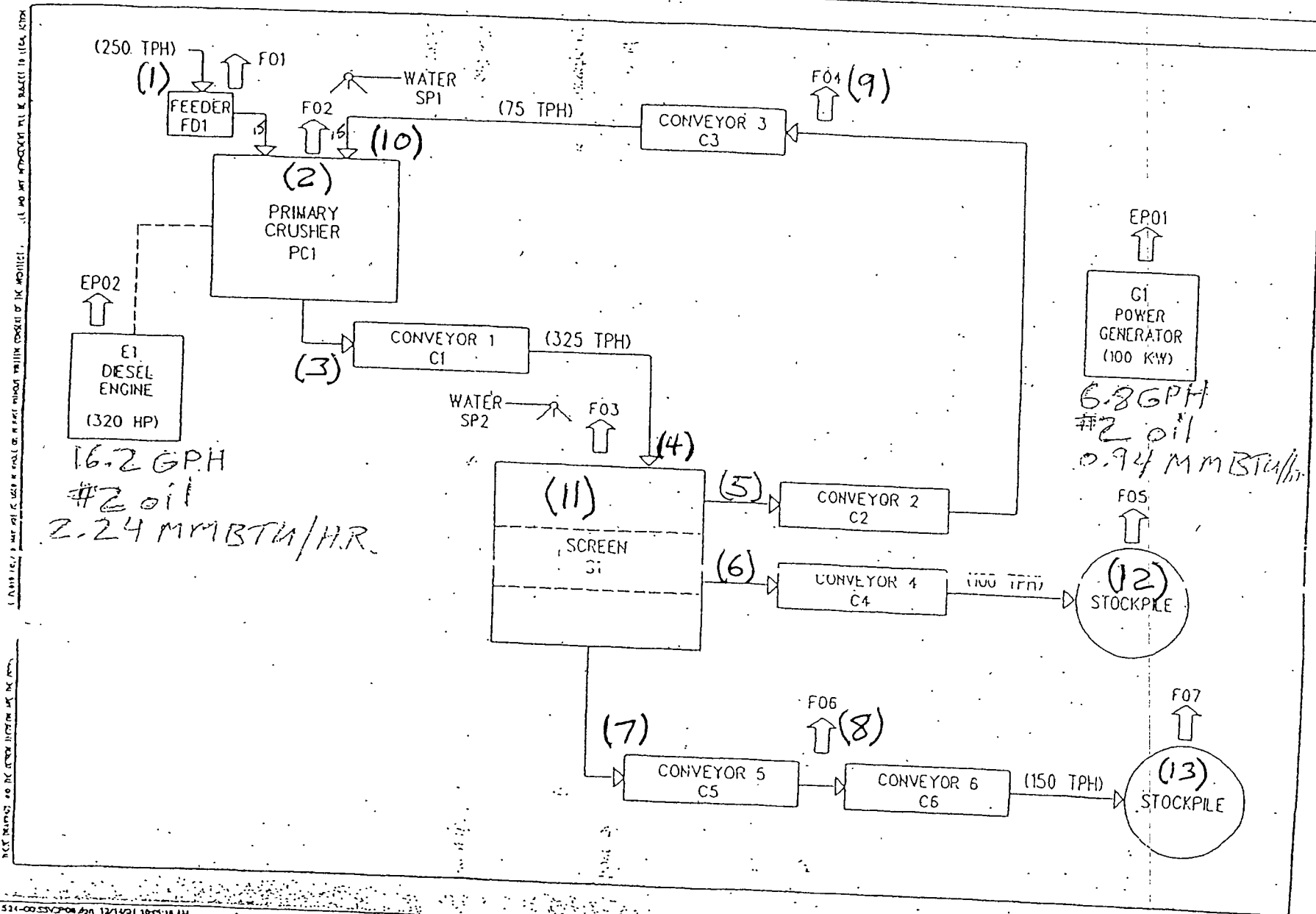
DRUM MIX ASPHALT PLANT
 RAP CRUSHER EMISSIONS (OUTSIDE COMPANY)
 EMISSION FACTORS FROM AP42, TABLE 11.19.2-2

MAXIMUM RAP USAGE (TONS/YEAR) = 125000
 MAXIMUM RAP USAGE (TONS/HOUR) = 250

ACTIVITY	PM EMISSION FACTOR (LB/TON)	PM EMISSIONS (TONS/YEAR)	PM EMISSIONS (LBS/HR.)	PM10 EMISSION FACTOR (LB/TON)	PM10 EMISSIONS (LBS/HR.)	PM10 EMISSIONS (TONS/YEAR)	SUBJECT TO SUBPART 000 (YES/NO)	OPACITY STANDARD (%)
DROP TO FEEDER (1)	0.003	0.1875	0.75	0.0011	0.275	0.06875	NO	20
CRUSHER (2)	0.0012	0.0475	0.075	0.00054	0.135	0.03375	YES	15
CRUSHER TO CONVEYOR 1 (3)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
CONVEYOR 1 TO SCREEN (4)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
SCREEN TO CONVEYOR 2 (5)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
SCREEN TO CONVEYOR 4 (6)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
SCREEN TO CONVEYOR 5 (7)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
CONVEYOR 5 TO CONVEYOR 6 (8)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
CONVEYOR 2 TO CONVEYOR 3 (9)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
CONVEYOR 3 TO CRUSHER (10)	0.003	0.1875	0.75	0.0011	0.275	0.06875	YES	10
SCREEN (11)	0.025	4.30375	6.25	0.0087	2.175	0.54375	YES	10
STOCKPILE 1 (12)	0.003	0.1875	0.75	0.0011	0.275	0.06875	NO	20
STOCKPILE 2 (13)	0.003	0.1875	0.75	0.0011	0.275	0.06875	NO	20
TOTAL EMISSIONS	0.0592	3.7	14.8	0.02134	5.335	1.33375		

NOTE: Emission factors are from AP42, Table 11.19.2-2 for crushed stone processing.

(1) = SEE ATTACHED FLOW DIAGRAM



(1) AND (2) ARE THE MAIN FEEDS TO THE CRUSHER. (3) AND (4) ARE THE MAIN FEEDS TO THE SCREEN. (5) AND (6) ARE THE MAIN FEEDS TO THE CONVEYORS. (7) AND (8) ARE THE MAIN FEEDS TO THE CONVEYORS. (9) AND (10) ARE THE MAIN FEEDS TO THE CONVEYORS. (11) AND (12) ARE THE MAIN FEEDS TO THE CONVEYORS. (13) AND (14) ARE THE MAIN FEEDS TO THE CONVEYORS.

**100 KW POWER GENERATOR FOR RAP CRUSHER
 POTENTIAL EMISSIONS ON NO. 2 DISTILLATE FUEL OIL
 BASED ON AP-42 5TH EDITION EMISSION FACTORS FOR UNCONTROLLED DIESEL INDUSTRIAL ENGINES**

FUEL TYPE	NEW NO. 2 FUEL OIL
MAXIMUM OPERATING TIME (HRS/YR)	2000
MAXIMUM FUEL SULFUR CONTENT (%)	0.5
MAXIMUM HEAT INPUT (MMBTU/HR)	0.94
MAXIMUM NO. 2 FUEL OIL RATE (GAL/HR)	6.80
MAXIMUM HEAT INPUT ON OIL PER YEAR (MMBTU/YR)	1880.00
MAXIMUM NO. 2 FUEL OIL USAGE PER YEAR (GALLONS)	13600.00

POLLUTANT	EMISSION FACTOR	SOURCE OF EMISSION FACTOR	EMISSION FACTOR UNITS	EMISSION RATE (LBS/HR)	EMISSION RATE (TONS/YEAR)
PARTICULATE <10 UM (PM10)	0.31	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.291	0.291
SULFUR DIOXIDE (SO ₂)	0.29	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.273	0.273
NITROGEN OXIDES (NOX)	4.41	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	4.145	4.145
CARBON MONOXIDE (CO)	0.95	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.893	0.893
VOC (TOC)	0.36	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.338	0.338

320 HP DIESEL ENGINE FOR RAP CRUSHER
POTENTIAL EMISSIONS ON NO. 2 DISTILLATE FUEL OIL
BASED ON AP-42 5TH EDITION EMISSION FACTORS FOR UNCONTROLLED DIESEL INDUSTRIAL ENGINES

FUEL TYPE	NEW NO. 2 FUEL OIL
MAXIMUM OPERATING TIME (HRS/YR)	2000
MAXIMUM FUEL SULFUR CONTENT (%)	0.5
MAXIMUM HEAT INPUT (MMBTU/HR)	2.24
MAXIMUM NO. 2 FUEL OIL RATE (GAL/HR)	16.20
MAXIMUM HEAT INPUT ON OIL PER YEAR (MMBTU/YR)	4480.00
MAXIMUM NO. 2 FUEL OIL USAGE PER YEAR (GALLONS)	32400.00

POLLUTANT	EMISSION FACTOR	SOURCE OF EMISSION FACTOR	EMISSION FACTOR UNITS	EMISSION RATE (LBS/HR)	EMISSION RATE (TONS/YEAR)
PARTICULATE <10 UM (PM10)	0.31	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.694	0.694
SULFUR DIOXIDE (SO ₂)	0.29	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.650	0.650
NITROGEN OXIDES (NOX)	4.41	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	9.878	9.878
CARBON MONOXIDE (CO)	0.95	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	2.128	2.128
VOC (TOC)	0.36	AP42 TABLE 3.3-2	LBS/MMBTU (FUEL INPUT)	0.806	0.806