BOTTORF Associates inc.

CONSULTING ENGINEERS — ANALYTICAL LABORATORY
ENVIRONMENTAL
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6729 Edgewater Commerce Parkway • Orlando, Florida • 32810-4278
Toll Free 800 811-1129 Phone 407 298-0846 • Fax: 407 299-7053

RECEIVED
Project: 2406

SEP 25 2006

BUREAU OF AIR REGULATION

September 21, 2006

Bruce Mitchell, Air Permitting Engineer
Division of Air Resource Management
Florida Department of Environmental Protection
2600 Blair Stone Road MS 5505
Tallahassee, Florida 32399-2400

Polk County - AP
The Lane Construction Corporation
Kathleen, FL Asphalt Plant and Mining Operation
13300 Howard Blvd., Kathleen, FL 33849
Project No. 7773530-001-AC

Dear Mr. Mitchell,

As discussed between yourself and Eustice Lowe of Lane Construction, changes to the original plans have occurred.

The Lane Construction Corporation would like for you to continue processing the permit for the 200 ton/hour drum mix asphalt plant (plant 67). This permit will be for future use.

The Lane Construction Corporation now plans to set up the 400 ton/hour drum mix asphalt plant (plant 49) at the Kathleen site under permit number 7775202-005-AO. Plant 67 will not be located at the Kathleen site while plant 49 is there.

The Lane Construction Corporation request that the portable RAP crusher be assigned to plant 49 and combined with permit 7775202-005-AO and for the permit to be processed out of DEP's Southwest District office in Tampa.

The Lane Construction Corporation requests that the Limestone aggregate crushing system located at the Kathleen Site to be permitted with a separate permit and issued out of the DEP's Southwest District office in Tampa. This should not be tied to any asphalt plant, since it will be permanently located at the Kathleen site.

Please forward permit application data and fees associated with the portable RAP crusher and the Limestone aggregate crushing system to Jim McDonald at the DEP's Southwest District office in Tampa.

If you have any questions or need additional information please call me at 407.298.0846 or my cell at 407.341.4971.

Respectfully submitted,

BOTTORF & ASSOCIATES, INC.

Roger T. Caldwell

Roger T. Caldwell,
Vice President Environmental Division

BOTTORF Associates inc.

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Toll Free 800 811-1129 Phone 407 298-0846 • Fax 407 299-7053

September 7, 2006 Project: 2406

RECEIVED
SEP 11 2006
BUREAU OF AIR REGULATION

Jeffrey F. Koerner, P.E.
Permitting North Administrator
Bureau of Air Regulation
Florida Department of Environmental Protection
2600 Blair Stone Road MS 5505
Tallahassee, Florida 32399-2400

Polk County - AP
The Lane Construction Corporation
Kathleen, FL Asphalt Plant and Mining Operation
13300 Howard Blvd., Kathleen, FL 33849
Project No. ~~7773530~~-001-AC
7775350

Dear Mr. Koerner,

We are in receipt of your August 31, 2006 letter requesting additional information to complete the referenced construction permit application. The items are addressed in the order that they were asked.

1. The Crushers will be rented and may or may not come standard with dust suppression sprays; however, we can add the dust suppression if needed, but the material to be crushed contains a lot of moisture already and dust should not be an issue, so the potential emissions were not based on these controls.

2. A diesel fuel oil with a maximum sulfur content of 0.05 % by weight will be used. We have attached a corrected page 40 from the permit application.

3. You are correct, the AP42 table is 3.3-1. We have attached the corrected spread sheet and appropriate pages from the application. We could not find any language in AP42 that states the sulfur content in the fuel oil used for the emission factor. Assuming all of the sulfur is converted to SO2 The SO2 emission based on material balance would be as shown below:

   SO2 = (41,580 gallons/year diesel fuel)(7 pound/gallon)(0.05%/100)(2SO2/1S)(1ton/2000pounds) = 0.1455 tons/year

   This is less then the emission rate calculated by the AP42 emission factor, so obviously AP42 is using a higher sulfur fuel oil then 0.05 % by weight. We can estimate/calculate the sulfur content used by AP42 as shown below.

   AP42 Table 3.3-1 Sulfur content = (0.844 tons/year SO2 calculated by emission factor)/(0.1455 tons/year calculated with material balance) x 0.05 % S = 0.29 %

4. You are correct, the AP42 table is 3.3-1. We have attached the corrected spread sheets and appropriate pages from the application. We could not find any language in AP42 that states the sulfur content in the fuel oil used for the emission factor. As shown above, the calculated sulfur content of the fuel oil used by AP42 is about 0.29 percent by weight. Since this is less then the requested 0.5 % by wt., we have also calculated SO2 emissions by material balance on the attached spread sheets. We also changed the pages from the application to show this higher SO2 rate and the correct reference to AP42, Table 3.3-1.

5. There is electric power supplied by the grid on site, but it is not near the crushing site. It is located approximately 200 yard away. The diesel power generator will need to be used.

6. The material is wet, the moisture content varies around 3% - 7%.

7. We have reviewed permits 7775202-004-AC/005-AO and found condition 33. (Attached) This condition stated that the facility shall not be located in such a manner as to create a "Major Source of Air Pollution". Both asphalt plants will not be on this site at the same time. They will not be dispatched from this site.

8. Lane Construction Corp. will operate a water-truck to control the dust from roadways, but the stockpiles do not last long enough to dry out to get dusty.

9. Lane Construction Corp. will publish a public notice and submit the proper forms and fee if and when it is decided that the plant needs to be relocated. For now (when provided) Lane Construction Corp. will publish the public notice for the Kathleen site only.

10. We have attached all changed pages from the application and emission calculation spread sheets.

If you have any questions or need additional information please call Roger Caldwell at 407.298.0846 or his cell at 407.341.4971.

Respectfully submitted,

BOTTORF & ASSOCIATES, INC.

Roger T. Caldwell,
Vice President Environmental Division

9.7.2006

Douglas W. Bauman, MSE, P.E.
Associate Professional Engineer
Florida License No. 50807

Table 3.3-1. EMISSION FACTORS FOR UNCONTROLLED GASOLINE AND DIESEL INDUSTRIAL ENGINES[a]

Pollutant	Gasoline Fuel (SCC 2-02-003-01, 2-03-003-01)		Diesel Fuel (SCC 2-02-001-02, 2-03-001-01)		EMISSION FACTOR RATING
	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	Emission Factor (lb/hp-hr) (power output)	Emission Factor (lb/MMBtu) (fuel input)	
NO_x	0.011	1.63	0.031	4.41	D
CO	0.439	62.7	6.68 E-03	0.95	D
SO_x	5.91 E-04	0.084	2.05 E-03	0.29	D
PM-10[b]	7.21 E-04	0.10	2.20 E-03	0.31	D
CO_2[c]	1.08	154	1.15	164	B
Aldehydes	4.85 E-04	0.07	4.63 E-04	0.07	D
TOC					
Exhaust	0.015	2.10	2.47 E-03	0.35	D
Evaporative	6.61 E-04	0.09	0.00	0.00	E
Crankcase	4.85 E-03	0.69	4.41 E-05	0.01	E
Refueling	1.08 E-03	0.15	0.00	0.00	E

[a] References 2,5-6,9-14. When necessary, an average brake-specific fuel consumption (BSFC) of 7,000 Btu/hp-hr was used to convert from lb/MMBtu to lb/hp-hr. To convert from lb/hp-hr to kg/kw-hr, multiply by 0.608. To convert from lb/MMBtu to ng/J, multiply by 430. SCC = Source Classification Code. TOC = total organic compounds.

[b] PM-10 = particulate matter less than or equal to 10 μm aerodynamic diameter. All particulate is assumed to be ≤ 1 μm in size.

[c] Assumes 99% conversion of carbon in fuel to CO_2 with 87 weight % carbon in diesel, 86 weight % carbon in gasoline, average BSFC of 7,000 Btu/hp-hr, diesel heating value of 19,300 Btu/lb, and gasoline heating value of 20,300 Btu/lb.

LANE CONSTRUCTION CORPORATION
KATHLEEN FLORIDA
THREE DIESEL ENGINES FOR LIMESTONE/AGGREGATE CRUSHER
POTENTIAL EMISSIONS
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)	2100
MAXIMUM FUEL SULFUR CONTENT (%)	0.05
MAXIMUM HEAT INPUT (MMBTU/HR)	2.772
MAXIMUM NO. 2 FUEL OIL RATE (GAL/HR)	19.80
MAXIMUM HEAT INPUT ON OIL PER YEAR (MMBTU/YR)	5821.20
MAXIMUM NO. 2 FUEL OIL USAGE PER YEAR (GALLONS)	41580.00

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 3.3-1	LBS/MMBTU (FUEL INPUT)	0.859	0.902
SULFUR DIOXIDE (SO_2)	0.29	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.804	0.844
NITROGEN OXIDES (NOX)	4.41	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	12.225	12.836
CARBON MONOXIDE (CO)	0.95	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	2.633	2.765
VOC (TOC)	0.36	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.998	1.048

NOTE: THIS IS THE POTENTIAL EMISSIONS FROM THE COMBINED 3 DIESEL ENGINES, INCLUDING THE DIESEL ELECTRIC GENERATOR (7.5GPH), 300 HP DIESEL ENGINE (6.5GPH), AND 230 HP DIESEL ENGINE(5.8GPH)
TOTALS FUEL USAGE = 19.8 GPH, HEAT INPUT = 19.8 GPH X 140,000 BTU/GALLON = 2.772 MMBTU/HOUR

Emissions Unit Information Section 3 of 3

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 2

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **LIMESTONE CRUSHING (PRIMARY CRUSHING)**		
2. Source Classification Code (SCC): **3-05-020-01**	3. SCC Units: **TONS RAW MATERIAL**	
4. Maximum Hourly Rate: **120**	5. Maximum Annual Rate: **250,000**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters):		

Segment Description and Rate: Segment 2 of 2

1. Segment Description (Process/Fuel Type) (limit to 500 characters): **INTERNAL COMBUSTION ENGINE - INDUSTRIAL DISTILLATE OIL (DIESEL) RECIPROCATING**		
4. Source Classification Code (SCC): **2-02-001-02**	3. SCC Units: **1000 GALLONS BURNED**	
4. Maximum Hourly Rate: **0.0198**	5. Maximum Annual Rate: **41.58**	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur: **0.05**	8. Maximum % Ash:	13. Million Btu per SCC Unit: **140**
10. Segment Comment (limit to 200 characters): **THIS SEGMENT INCLUDES THE FUEL OIL BURNED IN THE 300 HP DIESEL ENGINE, THE 230 HP DIESEL ENGINE AND THE DIESEL FIRED ELECTRIC POWER GENERATOR**		

Emissions Unit Information Section 3 **of** 3

Pollutant Detail Information Page 3 **of** 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **SO2**		2. Pollutant Regulatory Code: **EL**
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **0.804** lb/hour **0.844** tons/year		7. Synthetically Limited? [**Y**]
8. Emission Factor: **0.29 LBS/MMBTU** Reference: **AP42, TABLE 3.3-1**		9. Emissions Method Code: **3**

15. Calculation of Emissions (limit to 600 characters):
SEE ATTACHED SPREADSHEETS
EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES

11. Pollutant Potential Emissions Comment (limit to 200 characters):

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 3 of 3

Pollutant Detail Information Page 4 of 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **NOX**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **12.225** lb/hour **12.836**		7. Synthetically Limited? [**Y**]
8. Emission Factor: **4.41 LBS/MMBTU** Reference: **AP 42, TABLE 3.3-1**		9. Emissions Method Code: **3**

11. Calculation of Emissions (limit to 600 characters):
SEE ATTACHED SPREADSHEETS
EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES

11. Pollutant Potential Emissions Comment (limit to 200 characters):

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 3 **of** 3

Pollutant Detail Information Page 5 **of** 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **CO**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **2.633** lb/hour **2.765** tons/year		7. Synthetically Limited? [**Y**]
8. Emission Factor: **0.95 LBS/TON** Reference: **AP 42, TABLE 3.3-1**		9. Emissions Method Code: **3**
11. Calculation of Emissions (limit to 600 characters): **SEE ATTACHED SPREADSHEETS EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

8. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
9. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 3 **of** 3

Pollutant Detail Information Page 6 **of** 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **VOC**		2. Pollutant Regulatory Code: **EL**
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **0.998** lb/hour **1.048** tons/year		7. Synthetically Limited? [**Y**]
8. Emission Factor: **0.36 LBS/MMBTU** Reference: **AP 42, TABLE 3.3-1**		9. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **SEE ATTACHED SPREADSHEETS EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

LANE CONSTRUCTION CORPORATION
KATHLEEN FLORIDA
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
Weight of No. 2 fuel oil (lb/gal)	7.00
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 3.3-1	LBS/MMBTU (FUEL INPUT)	0.291	0.291
SULFUR DIOXIDE (SO_2)	0.29	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.273	0.273
SULFUR DIOXIDE (SO_2)	n/a	Material Balance		0.476	0.476
NITROGEN OXIDES (NOX)	4.41	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	4.145	4.145
CARBON MONOXIDE (CO)	0.95	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.893	0.893
VOC (TOC)	0.36	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.338	0.338

LANE CONSTRUCTION CORPORATION
KATHLEEN FLORIDA
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
Weight of No. 2 fuel oil (lb/gal)	7.00
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 3.3-1	LBS/MMBTU (FUEL INPUT)	0.694	0.694
SULFUR DIOXIDE (SO_2)	0.29	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.650	0.650
SULFUR DIOXIDE (SO_2)	n/a	Material Balance		1.134	1.134
NITROGEN OXIDES (NOX)	4.41	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	9.878	9.878
CARBON MONOXIDE (CO)	0.95	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	2.128	2.128
VOC (TOC)	0.36	AP42 TABLE 3.3-1	LBS/MMBTU (FUEL INPUT)	0.806	0.806

Emissions Unit Information Section 2 of 2

Pollutant Detail Information Page 3 of 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **SO2**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **1.61** lb/hour **1.61** tons/year		7. Synthetically Limited? [**Y**]
8. Emission Factor: **N/A** Reference: **MATERIAL BALANCE**		9. Emissions Method Code: **2**

12. Calculation of Emissions (limit to 600 characters):
SEE ATTACHED SPREADSHEETS
EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES

11. Pollutant Potential Emissions Comment (limit to 200 characters):

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 2 of 2

Pollutant Detail Information Page 4 of 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **NOX**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **14.02** lb/hour **14.02**		7. Synthetically Limited? [**Y**]
8. Emission Factor: **4.41 LBS/MMBTU** Reference: **AP 42, TABLE 3.3-1**		9. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **SEE ATTACHED SPREADSHEETS EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 2 of 2

Pollutant Detail Information Page 5 of 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **CO**	2. Pollutant Regulatory Code: **EL**	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **3.02** lb/hour **3.02** tons/year		7. Synthetically Limited? [Y]
8. Emission Factor: **0.95 LBS/TON** Reference: **AP 42, TABLE 3.3-1**		9. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **SEE ATTACHED SPREADSHEETS EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

5. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
6. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

Emissions Unit Information Section 2 of 2

Pollutant Detail Information Page 6 of 6

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: **VOC**		2. Pollutant Regulatory Code: **EL**
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: **1.14** lb/hour **1.14** tons/year		7. Synthetically Limited? [**Y**]
8. Emission Factor: **0.36 LBS/MMBTU** Reference: **AP 42, TABLE 3.3-1**		9. Emissions Method Code: **3**
10. Calculation of Emissions (limit to 600 characters): **SEE ATTACHED SPREADSHEETS EMISSIONS FROM FUEL OIL COMBUSTION IN THE DIESEL ENGINES**		
11. Pollutant Potential Emissions Comment (limit to 200 characters):		

Allowable Emissions Allowable Emissions _____ of _____

1. Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units:	4. Equivalent Allowable Emissions: lb/hour tons/year
5. Method of Compliance (limit to 60 characters):	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

30. Continued

*Within thirty (30) days of the issuance of these permits (one document) the permittee shall submit for approval, by the appropriate Department District and/or approved Local Program, the Maintenance Plan in accordance with this Specific Condition.

[Rule 62-4.070(3), F.A.C.; Pinellas County Code, Section 58-128(a)]

31. **Recordkeeping-Reasonable Precautions.** In order to demonstrate compliance with Specific Condition No. 12, the permittee shall record the Facility Name, Facility ID, Location, Date, Time, and Operator initials when water application or sweeping is used to control unconfined emissions of particulate matter from the facility.

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

32. **Compliance of Records**. Daily records shall be completed within 5 business days and monthly records shall be completed by the end of the following month. All records required by this permit shall be maintained on-site for a minimum of the most recent five (5) year period and be made available to the Department and, if applicable, the approved Local Program which has permitting/enforcement jurisdiction upon request.

[Rules 62-4.070(3), and 62-210.300(3)(c)1.g., F.A.C.]

Location and Relocation

33. **Major Source Restriction.** This facility shall not be located in such a manner as to create a "Major Source of Air Pollution" as defined in Rule 62-210.200, F.A.C., Definitions-Major Source of Air Pollution without first obtaining a "Title V Permit" from the appropriate Department District Office or approved Local Program Office that has permitting/compliance jurisdiction over the current or proposed operating location.

[Rule 62-210.200, F.A.C.]

34. **Relocation to a Previously Authorized County** - At least thirty (30) days prior to relocating the facility to a site in a county previously authorized by this permit, the permittee shall notify the Air Program of the appropriate Department District and, if applicable, the Local Air Program in the county having jurisdiction over the relocation site. The notification shall be on DEP Form 62-210.900(6), F.A.C., Notification of Intent to Relocate an Air Pollutant Emitting Facility (Attachment 2). A permit amendment and amendment fee are not required.

The permittee is authorized to locate in the following counties where public notice has been published:

(Continued)