

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Form Number _____ Page _____ of _____
 Continued on VEO Form Number _____

Company Name
FPOL CAPE CANAVERAL

Facility Name

Street Address
US 1

City
COCOA (from TOWN) State
FL Zip

Process
OIL FIRED BOILER Unit # **2** Operating Mode
100% OIL FIRING

Control Equipment
NAULTI GRUBES Operating Mode

Describe Emission Point
STACK

Height of Emiss. Pt.
Start **400** End **400** Height of Emiss. Pt. Rel. to Observer
Start **400** End **400**

Distance to Emiss. Pt.
Start **1200** End **1200** Direction to Emiss. Pt. (Degrees)
Start **20°** End **20°**

Vertical Angle to Obs. Pt.
Start **19°** End **19°** Direction to Obs. Pt. (Degrees)
Start **20°** End **20°**

Distance and Direction to Observation Point from Emission Point
Start **1 DIA. UP** End **1 DIA. UP**

Describe Emissions
Start **STEADY** End **STEADY**

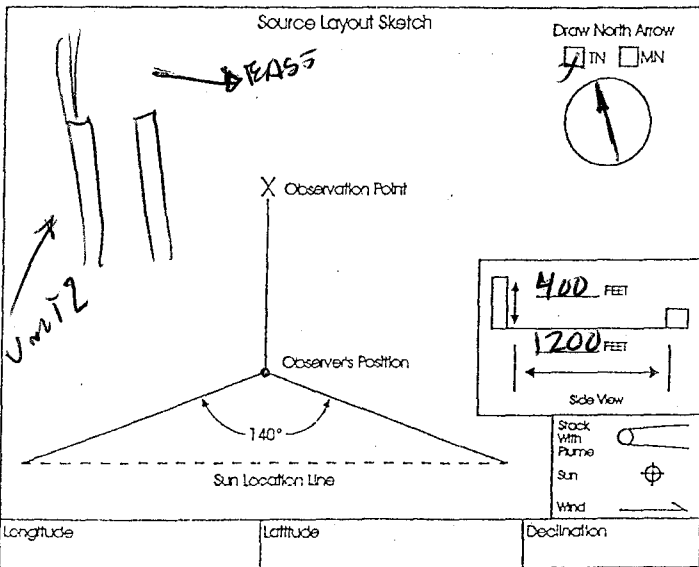
Emission Color
Start **Brown** End **Brown** Attached Detached None

Describe Plume Background
Start **SKY** End **SKY**

Background Color
Start **BLUE** End **BLUE** Sky Conditions
Start **Pt. Cl.** End **Pt. Cl.**

Wind Speed
Start **0-3** End **0-3** Wind Direction
Start **SE** End **SE**

Ambient Temp.
Start **90°** End **90°** Wet Bulb Temp. RH Percent



Observation Date	Time Zone	Start Time	End Time	Comments		
7/15/09		11:31	11:45			
Min	Sec	0	15	30	45	
3 1	5	5	5	5		
3 2	5	5	5	5		STEADY
3 3	5	5	5	5		STATE
3 4	5	5	5	5		
3 5	5	5	5	5		
3 6	5	5	5	5		
3 7	5	5	5	5		
3 8	5	5	5	5		
3 9	5	5	5	5		
4 10	5	5	5	5		
4 11	5	5	5	5		
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Observer's Name (Print)
Carol K. Bersik

Observer's Signature
Carol K. Bersik Date
7/15/09

Organization
FDEP

Certified By
FJA Date
2/4/09

PARTICULATE TEST FIELD DATA SHEET

Plant & Unit: PCC-2
 Type of test: SB IK's
 Method: 1-4 and 17
 Run Number: 1
 Date: 7/14/09
 Sample Location: Stack
 Operators: J. A. Mirino
 J. R. Schwartz, A. J. Mocha

Reference: 2.17
 Bar. Pressure (in.Hg): 30.1
 Static Pressure (H2O): -1.6
 Meter Box #: 3228
 Ini. Pitot Leak Check: OK @ 8"
 Fin. Pitot Leak Check: OK @ 6"
 Ini. Leak Rate: 0.00@ 15 "
 Fin. Leak Rate: 0.00@ 8 "

Filter #: 79
 Nozzle # 1N Cp 0.84
 Nozzle Dia.(in): 0.240
 ^H@ 1.8449
 Yi 0.9785 Pitot # P2
 Thermocouple # 2E
 Impinger Set: B
 Sample Head: A

	POINT #	CLOCK TIME	SAMPLE TIME	DRY GAS VOLUME	VELOCITY	ORIFICE	METER		STACK	VAC.	IMPINGER
					HEAD (in H2O)	^H (in H2O)	TEMP (F) in	TEMP (F) out	TEMP (F)	(IN.HG)	TEMP (F)
				200.270							
West	A-1	840	2.5	202.6	0.88	1.91	70	70	315	6.5	
	A-2		5.0	204.4	0.85	1.75	70	70	316	6.0	
	A-3		7.5	205.9	0.85	1.74	71	71	316	6.0	
	A-4		10.0	208.0	0.85	1.75	72	72	317	6.0	60
	A-5		12.5	210.2	0.95	1.95	75	75	317	6.0	
	A-6	855	15.0	211.668	1.10	2.27	77	77	315	7.0	
S	B-1	857	2.5	213.2	0.90	1.87	78	78	312	6.0	
	B-2		5.0	215.1	0.95	1.99	78	78	316	6.0	
	B-3		7.5	217.0	0.90	1.87	80	80	317	6.0	
	B-4		10.0	218.9	1.10	2.30	81	81	317	7.0	
	B-5		12.5	220.8	1.10	2.30	83	83	317	7.0	66
	B-6	912	15.0	223.137	1.10	2.31	84	84	318	7.0	
E	C-1	914	2.5	224.7	0.80	1.68	84	84	315	7.0	
	C-2		5.0	226.5	0.90	1.90	84	84	315	7.0	
	C-3		7.5	228.7	0.90	1.90	85	85	318	7.0	
	C-4		10.0	230.4	0.85	1.79	86	86	318	6.0	64
	C-5		12.5	232.5	0.85	1.79	86	86	319	7.0	
	C-6	929	15.0	234.2	0.86	1.81	87	87	319	7.0	
N	D-1	931	2.5	236.7	0.75	1.58	86	86	314	6.0	
	D-2		5.0	238.2	0.86	1.82	86	86	319	6.0	
	D-3		7.5	240.3	0.96	2.02	87	87	319	6.0	
	D-4		10.0	242.4	0.95	2.00	88	88	319	6.0	65
	D-5		12.5	244.0	0.96	2.03	88	88	319	6.0	
	D-6	946	15.0	245.514	0.90	1.90	89	89	319	6.0	

45.244	0.958	1.926	81.5	81.5	316.9
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81.5