



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

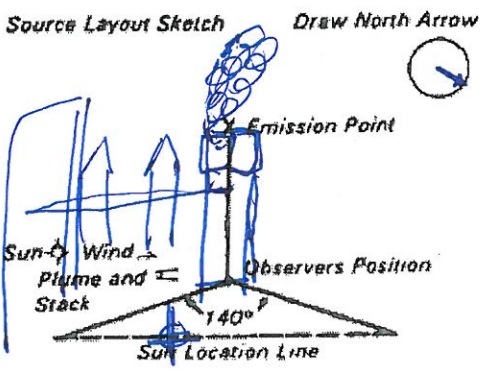
SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
Tropicana			4/10/12				10:05		10:25			
ADDRESS			SEC		MIN		SEC		MIN		SEC	
6500 Glades Cut-off Rd			0	15	30	45	0	15	30	45		
CITY			STATE		ZIP		1		2		3	
Fort Pierce			FL		34981		0		0		0	
PHONE			SOURCE ID NUMBER		4		5		6		7	
			1110004		0		0		0		0	
PROCESS EQUIPMENT			OPERATING MODE		5		6		7		8	
Boiler #3 EU			max		0		0		0		0	
CONTROL EQUIPMENT			OPERATING MODE		6		7		8		9	
			normal		0		0		0		0	
DESCRIBE EMISSION POINT			8		9		10		11		12	
START <u>st above stack</u> STOP <u>above stack</u>			0		0		0		0		0	
HEIGHT ABOVE GROUND LEVEL			9		10		11		12		13	
START <u>85 ft</u> STOP <u>85 ft</u> START <u>80 ft</u> STOP <u>80 ft</u>			0		0		0		0		0	
DISTANCE FROM OBSERVER			10		11		12		13		14	
START <u>120 ft</u> STOP <u>120 ft</u> START <u>N</u> STOP <u>N</u>			0		0		0		0		0	
DESCRIBE EMISSIONS			11		12		13		14		15	
START <u>—</u> STOP <u>—</u>			0		0		0		0		0	
EMISSION COLOR			12		13		14		15		16	
START <u>n/a</u> STOP <u>n/a</u>			0		0		0		0		0	
WATER DROPLETS PRESENT			13		14		15		16		17	
NO <input type="checkbox"/> YES <input type="checkbox"/>			0		0		0		0		0	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			14		15		16		17		18	
START <u>n/a</u> STOP <u>n/a</u>			0		0		0		0		0	
DESCRIBE BACKGROUND			15		16		17		18		19	
START <u>sky</u> STOP <u>sky</u>			0		0		0		0		0	
BACKGROUND COLOR			16		17		18		19		20	
START <u>light blue</u> STOP <u>blue</u>			0		0		0		0		0	
WIND SPEED			17		18		19		20		21	
START <u>2 mph</u> STOP <u>2 mph</u>			0		0		0		0		0	
AMBIENT TEMP.			18		19		20		21		22	
START <u>75°</u> STOP <u>73°</u>			0		0		0		0		0	
SOURCE LAYOUT SKETCH			19		20		21		22		23	
<p>Draw North Arrow</p>			20		21		22		23		24	
COMMENTS			21		22		23		24		25	
			22		23		24		25		26	
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			23		24		25		26		27	
TITLE			24		25		26		27		28	
DATE			25		26		27		28		29	
CERTIFIED BY			26		27		28		29		30	
DATE			27		28		29		30		31	
VERIFIED BY			28		29		30		31		32	
DATE			29		30		31		32		33	



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SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
Tropicana			4/10/12				11:30		11:45			
ADDRESS			SEC		SEC							
6500 Glades Cutt-off Rd.			MIN	0	15	30	45	MIN	0	15	30	45
			1	0	0	0	0	31				
			2	0	0	0	0	32				
CITY Fort Pierce			3	0	0	0	0	33				
STATE FL			4	0	0	0	0	34				
ZIP 34981			5	0	0	0	0	35				
PHONE			6	0	0	0	0	36				
SOURCE ID NUMBER 1110004			7	0	0	0	0	37				
PROCESS EQUIPMENT Pool Dryers			8	0	0	0	0	38				
OPERATING MODE max			9	0	0	0	0	39				
CONTROL EQUIPMENT			10	0	0	0	0	40				
OPERATING MODE normal			11	0	0	0	0	41				
DESCRIBE EMISSION POINT			12	0	0	0	0	42				
START STOP			13	0	0	0	0	43				
HEIGHT ABOVE GROUND LEVEL			14	0	0	0	0	44				
START 80 ft STOP 80 ft			15	0	0	0	0	45				
HEIGHT RELATIVE TO OBSERVER			16					46				
START 85 ft STOP 85 ft			17					47				
DISTANCE FROM OBSERVER			18					48				
START 80 ft STOP 80 ft			19					49				
DIRECTION FROM OBSERVER			20					50				
START N STOP N			21					51				
DESCRIBE EMISSIONS			22					52				
START looping STOP looping			23					53				
EMISSION COLOR			24					54				
START n/a STOP n/a			25					55				
PLUME TYPE: CONTINUOUS <input checked="" type="checkbox"/>			26					56				
FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>			27					57				
WATER DROPLETS PRESENT			28					58				
NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			29					59				
IF WATER DROPLET PLUME:			30					60				
ATTACHED <input checked="" type="checkbox"/> DETACHED <input type="checkbox"/>			AVERAGE OPACITY FOR HIGHEST PERIOD 0			NUMBER OF READINGS ABOVE 0 % WERE						
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			RANGE OF OPACITY READINGS			MINIMUM 0 MAXIMUM 0						
START n/a STOP n/a			OBSERVER'S NAME (PRINT) Michelle Robinson									
DESCRIBE BACKGROUND			OBSERVER'S SIGNATURE Michelle Robinson			DATE 4/10/12						
START sky STOP sky			ORGANIZATION FDEP									
BACKGROUND COLOR			I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE									
START Blue STOP Blue			CERTIFIED BY ETA			DATE 1/2012						
SKY CONDITIONS			TITLE			DATE						
START P. Cloud STOP Cloudy			DATE									
WIND SPEED			VERIFIED BY			DATE						
START 2 mph STOP 1 mph												
WIND DIRECTION												
START ESE STOP ESE												
AMBIENT TEMP.												
START 83° STOP 83°												
WET BULB TEMP.												
RH, percent												
46°												



Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984



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SOURCE NAME Tropicana			OBSERVATION DATE 4/10/12				START TIME 11:15		STOP TIME 11:28						
ADDRESS 6500 Glades Cut-off Rd.			SEC	0	15	30	45	SEC	0	15	30	45			
CITY Fort Pierce			STATE FL		ZIP 34981		1	0	0	0	0	31			
PHONE			SOURCE ID NUMBER 110004		2	0	0	0	0	0	0	32			
PROCESS EQUIPMENT #1 Boiler #1 FL 002			OPERATING MODE max		3	0	0	0	0	0	0	33			
CONTROL EQUIPMENT			OPERATING MODE normal		4	0	0	0	0	0	0	34			
DESCRIBE EMISSION POINT START above stack STOP Above stack			5	0	0	0	0	0	0	0	0	35			
HEIGHT ABOVE GROUND LEVEL START 85ft STOP 85ft			HEIGHT RELATIVE TO OBSERVER START 80ft STOP 80ft		6	0	0	0	0	0	0	36			
DISTANCE FROM OBSERVER START 160ft STOP 160ft			DIRECTION FROM OBSERVER START N STOP N		7	0	0	0	0	0	0	37			
DESCRIBE EMISSIONS START — STOP —			8	0	0	0	0	0	0	0	0	38			
EMISSION COLOR START n/a STOP n/a			PLUME TYPE: CONTINUOUS <input type="checkbox"/>		9	0	0	0	0	0	0	39			
WATER DROPLETS PRESENT NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>			FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		10	0	0	0	0	0	0	40			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START — STOP —			IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		11	0	0	0	0	0	0	41			
DESCRIBE BACKGROUND START sky STOP sky			12		0	0	0	0	0	0	0	42			
BACKGROUND COLOR START Blue STOP Blue			SKY CONDITIONS START Partly STOP Partly		13	0	0	0	0	0	0	43			
WIND SPEED START 2mph STOP 2mph			WIND DIRECTION START W STOP W		14							44			
AMBIENT TEMP. START 75° STOP 75°			WET BULB TEMP. —		15							45			
			RH, percent 57°		16							46			
<p>Source Layout Sketch Draw North Arrow</p> <p>Sun → Wind → Plume and Stack</p> <p>140°</p> <p>Sun Location Line</p>			17									47			
			18											48	
			19												49
			20												50
			21												51
			22												52
			23												53
			24												54
			25												55
			26												56
			27												57
			28												58
29												59			
30												60			
AVERAGE OPACITY FOR HIGHEST PERIOD 0			NUMBER OF READINGS ABOVE 0 % WERE		RANGE OF OPACITY READINGS			MINIMUM 0 MAXIMUM 0							
OBSERVER'S NAME (PRINT) Michelle Robinson			OBSERVER'S SIGNATURE <i>Michelle Robinson</i>		DATE 4/10/12										
COMMENTS			ORGANIZATION FDEP		I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE										
TITLE			CERTIFIED BY ETA		DATE 1/20/12										
DATE			VERIFIED BY		DATE										