
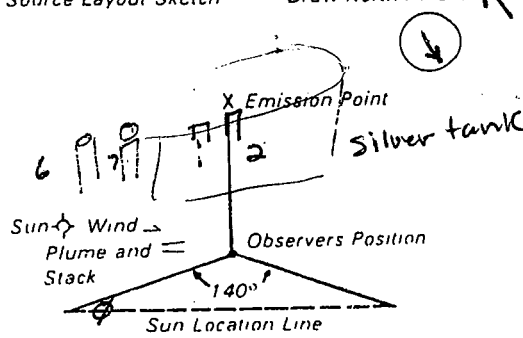
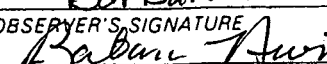


Visible Emission Observation Form

SOURCE NAME		OBSERVATION DATE		START TIME		STOP TIME	
Charles A. Russell Generation Facility		12-21-16		0900 hrs		0930 hrs	
ADDRESS		SEC		MIN		SEC	
3421 Overseas Hwy		0 15 30 45		0 15 30 45		0 15 30 45	
0870004		1 0 0 0 0		31			
CITY	STATE	ZIP	2 0 0 0 0		32		Average opacity highest 6 min. = 0
Marathon	FL	33050	3 0 0 0 0		33		
PHONE	SOURCE ID NUMBER		4 0 0 0 0		34		
	EU 001		5 0 0 0 0		35		
PROCESS EQUIPMENT		OPERATING MODE		6 0 0 0 0		36	
Recip. Diesel Generator		2000 KW		7 0 0 0 0		37	
CONTROL EQUIPMENT		OPERATING MODE		8 0 0 0 0		38	
DESCRIBE EMISSION POINT		9 0 0 0 0		39			
START 3rd Stack from E STOP Same		10 0 0 0 0		40			
HEIGHT ABOVE GROUND LEVEL		11 0 0 0 0		41			
START ~20' STOP Same		12 0 0 0 0		42			
DISTANCE FROM OBSERVER		13 0 0 0 0		43			
START ~220' STOP Same		14 0 0 0 0		44			
DIRECTION FROM OBSERVER		15 0 0 0 0		45			
START ~216° STOP ~216°		16 0 0 0 0		46			
DESCRIBE EMISSIONS		17 0 0 0 0		47			
START lofting STOP lofting		18 0 0 0 0		48			
EMISSION COLOR		19 0 0 0 0		49			
START Grey STOP Same		20 0 0 0 0		50			
WATER DROPLETS PRESENT.		21 0 0 0 0		51			
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		22 0 0 0 0		52			
IF WATER DROPLET PLUME:		23 0 0 0 0		53			
ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		24 0 0 0 0		54			
T IN THE PLUME AT WHICH OPACITY WAS DETERMINED		25 0 0 0 0		55			
START ~6" above stack STOP Same		26 0 0 0 0		56			
DESCRIBE BACKGROUND		27 0 0 0 0		57			
START Sky STOP Same		28 0 0 0 0		58			
BACKGROUND COLOR		29 0 0 0 0		59			
START blue STOP Same		30 0 0 0 0		60			
WIND SPEED		AVERAGE OPACITY FOR HIGHEST PERIOD		NUMBER OF READINGS ABOVE			
START 0-5 mph STOP Same		0		0 % WERE			
WIND DIRECTION		RANGE OF OPACITY READINGS		MINIMUM		MAXIMUM	
START NNE STOP NNE		0		0			
AMBIENT TEMP		OBSERVER'S NAME (PRINT)		Barbara Nevins			
START 60°F STOP 60°F		OBSERVER'S SIGNATURE		Barbara Nevins		DATE 12-21-10	
WET BULB TEMP		ORGANIZATION		FDEP			
RH, percent		CERTIFIED BY		ETA		DATE 8-12-10	
71%		VERIFIED BY				DATE	
Source Layout Sketch		Draw North Arrow					
COMMENTS							
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS							
SIGNATURE							
TITLE							
DATE							

Visible Emission Observation Form

2

SOURCE NAME Charles A Russell Generation Facility		OBSERVATION DATE 12-21-10		START TIME 0900 hrs		STOP TIME 0930 hrs	
ADDRESS 3421 Overseas Hwy 0870004		SEC MIN	0	15	30	45	SEC MIN
CITY Marathon	STATE FL	ZIP 33050	1	0	0	0	31
PHONE	SOURCE ID NUMBER EU 002		2	0	0	0	32
PROCESS EQUIPMENT Recip Diesel Generator	OPERATING MODE 2000KW		3	0	0	0	33
CONTROL EQUIPMENT	OPERATING MODE		4	0	0	0	34
DESCRIBE EMISSION POINT- START W most stack in row of 4 stacks STOP same			5	0	0	0	35
HEIGHT ABOVE GROUND LEVEL START ~20' STOP ~20'			6	0	0	0	36
HEIGHT RELATIVE TO OBSERVER START ~22' STOP ~22'			7	0	0	0	37
DISTANCE FROM OBSERVER START ~240' STOP ~240'			8	0	0	0	38
DIRECTION FROM OBSERVER START ~220° STOP ~220°			9	0	0	0	39
DESCRIBE EMISSIONS START lofting STOP lofting			10	0	0	0	40
EMISSION COLOR START grey STOP same			11	0	0	0	41
PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>			12	0	0	0	42
WATER DROPLETS PRESENT. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO			13	0	0	0	43
IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>			14	0	0	0	44
IN THE PLUME AT WHICH OPACITY WAS DETERMINED START ~6" above stack STOP same			15	0	0	0	45
DESCRIBE BACKGROUND START silver fuel tank STOP same			16	0	0	0	46
BACKGROUND COLOR START silver STOP same			17	0	0	0	47
SKY CONDITIONS START clear STOP clear			18	0	0	0	48
WIND SPEED START 0-5MPH STOP same			19	0	0	0	49
WIND DIRECTION START NNE STOP NNE			20	0	0	0	50
AMBIENT TEMP START 60°F STOP 60°F			21	0	0	0	51
WET BULB TEMP 71%			22	0	0	0	52
RH, percent			23	0	0	0	53
Source Layout Sketch Draw North Arrow 			24	0	0	0	54
			25	0	0	0	55
			26	0	0	0	56
			27	0	0	0	57
			28	0	0	0	58
			29	0	0	0	59
			30	0	0	0	60
AVERAGE OPACITY FOR HIGHEST PERIOD 0			NUMBER OF READINGS ABOVE % WERE				
RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 0							
OBSERVER'S NAME (PRINT) Barbara Nevins							
OBSERVER'S SIGNATURE 			DATE 12-21-10				
ORGANIZATION FLDP							
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			CERTIFIED BY ETA				
TITLE			DATE 8-12-10				
DATE			VERIFIED BY				
			DATE				

Visible Emission Observation Form

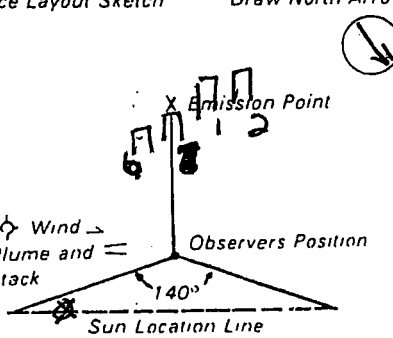

SOURCE NAME		OBSERVATION DATE		START TIME		STOP TIME	
Charles A. Russell Generation Facility		12-21-10		0818		0848	
ADDRESS		SEC		MIN		SEC	
3421 Overseas Hwy		MIN		0 15 30 45		0 15 30 45	
0870004		1		5 5 5 0		31	
CITY		2		0 5 0 0		32	
Marathon		3		0 0 0 0		33	
STATE		4		0 5 0 0		34	
FL		5		0 0 0 0		35	
ZIP		6		5 5 5 0		36	
33050		7		5 5 5 5		37	
PHONE		8		5 5 5 5		38	
SOURCE ID NUMBER		9		5 5 5 5		39	
E1003		10		5 5 5 5		40	
PROCESS EQUIPMENT		11		5 5 5 5		41	
Recip Diesel Generator		12		5 5 5 5		42	
OPERATING MODE		13		5 5 5 5		43	
2500 KW 83%		14		5 5 5 5		44	
CONTROL EQUIPMENT		15		5 5 5 10		45	
fuel additive		16		5 5 5 5		46	
OPERATING MODE		17		5 5 5 5		47	
continuous		18		5 5 5 5		48	
DESCRIBE EMISSION POINT		19		5 5 5 5		49	
3rd stack from N of		20		10 5 5 5		50	
START 5 in a row STOP same		21		5 0 0 0		51	
HEIGHT ABOVE GROUND LEVEL		22		5 5 5 5		52	
START 40' STOP 40'		23		5 5 5 5		53	
HEIGHT RELATIVE TO OBSERVER		24		5 5 5 5		54	
START 40' STOP 40'		25		5 5 5 5		55	
DISTANCE FROM OBSERVER		26		5 5 5 5		56	
START 280' STOP same		27		5 0 0 0		57	
DIRECTION FROM OBSERVER		28		0 0 0 0		58	
START 250° STOP same		29		0 0 0 0		59	
DESCRIBE EMISSIONS		30		0 0 0 0		60	
START lofting STOP lofting		AVERAGE OPACITY FOR HIGHEST PERIOD		5%		NUMBER OF READINGS ABOVE 20% WERE 0	
EMISSION COLOR		RANGE OF OPACITY READINGS		MINIMUM 0		MAXIMUM 10	
START grey STOP same		OBSERVER'S NAME (PRINT)		Barbara Nevins			
PLUME TYPE, CONTINUOUS <input type="checkbox"/>		OBSERVER'S SIGNATURE		Barbara Nevins			
FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		DATE		12-21-10			
WATER DROPLETS PRESENT.		ORGANIZATION		FDEP			
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		CERTIFIED BY		ETA			
IF WATER DROPLET PLUME:		VERIFIED BY		DATE 8-12-10			
ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		TITLE		DATE			
IN THE PLUME AT WHICH OPACITY WAS DETERMINED		DATE		DATE			
START ~3' above stack STOP same		DATE		DATE			
DESCRIBE BACKGROUND		DATE		DATE			
START sky STOP		DATE		DATE			
BACKGROUND COLOR		DATE		DATE			
START blue STOP		DATE		DATE			
SKY CONDITIONS		DATE		DATE			
START clear STOP		DATE		DATE			
WIND SPEED		DATE		DATE			
START 0.5 mph STOP		DATE		DATE			
WIND DIRECTION		DATE		DATE			
START NNE STOP		DATE		DATE			
AMBIENT TEMP		DATE		DATE			
START 56.8°F STOP		DATE		DATE			
WET BULB TEMP		DATE		DATE			
RH, percent		DATE		DATE			
Source Layout Sketch		DATE		DATE			
Draw North Arrow		DATE		DATE			
		DATE		DATE			
Comments		DATE		DATE			
roof blocks view of first		DATE		DATE			
couple feet of stack - read at ~3'		DATE		DATE			
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS		DATE		DATE			
SIGNATURE		DATE		DATE			
TITLE		DATE		DATE			

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE		START TIME		STOP TIME	
Charles A Russell Generation Facility			12-21-10		70900		0930	
ADDRESS			SEC		SEC			
3421 Overseas Hwy			MIN	0 15 30 45	MIN	0 15 30 45		
0820004			1	0 0 0 0	31	0 0 0 0	0% Aux opacity	
CITY	STATE	ZIP	2	0 0 0 0	32	0 0 0 0	highest 6 min	
Marathon	FL	33050	3	0 0 0 0	33	0 0 0 0	Average	
PHONE	SOURCE ID NUMBER		4	0 0 0 0	34	0 0 0 0		
	EU006		5	0 0 0 0	35	0 0 0 0		
PROCESS EQUIPMENT		OPERATING MODE	6	0 0 0 0	36	0 0 0 0		
Recip. Diesel Generator		2500KW/93%	7	0 0 0 0	37	0 0 0 0		
CONTROL EQUIPMENT		OPERATING MODE	8	0 0 0 0	38	0 0 0 0		
DESCRIBE EMISSION POINT			9	0 0 0 0	39	0 0 0 0		
START Emot stack in line of four STOP			10	0 0 0 0	40	0 0 0 0		
HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER	11	0 0 0 0	41	0 0 0 0		
START ~25' STOP same		START ~27' STOP same	12	0 0 0 0	42	0 0 0 0		
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER	13	0 0 0 0	43	0 0 0 0		
START ~180' STOP same		START ~212° STOP same	14	0 0 0 0	44	0 0 0 0		
DESCRIBE EMISSIONS			15	0 0 0 0	45	0 0 0 0		
START lofting STOP lofting			16	0 0 0 0	46	0 0 0 0		
EMISSION COLOR		PLUME TYPE, CONTINUOUS <input type="checkbox"/>	17	0 0 0 0	47	0 0 0 0		
START grey STOP same		FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>	18	0 0 0 0	48	0 0 0 0		
WATER DROPLETS PRESENT.		IF WATER DROPLET PLUME:	19	0 0 0 0	49	0 0 0 0		
NO <input type="checkbox"/> YES <input type="checkbox"/>		ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	20	0 0 0 0	50	0 0 0 0		
T IN THE PLUME AT WHICH OPACITY WAS DETERMINED			21	0 0 0 0	51	0 0 0 0		
START ~6" above stack STOP same			22	0 0 0 0	52	0 0 0 0		
DESCRIBE BACKGROUND			23	0 0 0 0	53	0 0 0 0		
START SKY STOP same			24	0 0 0 0	54	0 0 0 0		
BACKGROUND COLOR		SKY CONDITIONS	25	0 0 0 0	55	0 0 0 0		
START blue STOP same		START clear STOP clear	26	0 0 0 0	56	0 0 0 0		
WIND SPEED		WIND DIRECTION	27	0 0 0 0	57	0 0 0 0		
START 0-5 MPH STOP same		START NNE STOP NNE	28	0 0 0 0	58	0 0 0 0		
AMBIENT TEMP		WET BULB TEMP	29	0 0 0 0	59	0 0 0 0		
START 60°F STOP 60°F		RH. percent	30	0 0 0 0	60	0 0 0 0		
		71%						
Source Layout Sketch			AVERAGE OPACITY FOR HIGHEST PERIOD 0					
Draw North Arrow			NUMBER OF READINGS ABOVE 20% WERE 0					
			RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 0					
			OBSERVER'S NAME (PRINT) Barbara Nevins					
			OBSERVER'S SIGNATURE Barbara Nevins				DATE 12-21-10	
			ORGANIZATION FDEP					
			CERTIFIED BY ETA				DATE 8-12-10	
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			VERIFIED BY					
SIGNATURE			DATE					
TITLE			DATE					

Visible Emission Observation Form

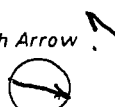
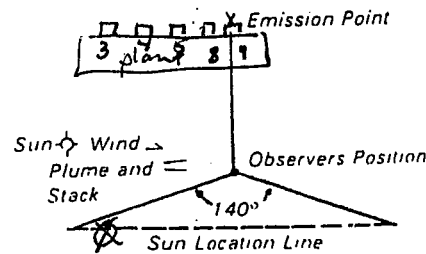
7

SOURCE NAME Charles A Russell Generation Facility		OBSERVATION DATE 12-21-10		START TIME 0900 hrs		STOP TIME 0930 hr	
ADDRESS 3421 Oversea Hwy		CITY Marathon		STATE FL		ZIP 33050	
PHONE		SOURCE ID NUMBER EU 007		PROCESS EQUIPMENT Recip Diesel Generator		OPERATING MODE 2500KW/93%	
CONTROL EQUIPMENT		OPERATING MODE		DESCRIBE EMISSION POINT 2nd stack from E in a row of 4 stacks		START row of 4 stacks	
HEIGHT ABOVE GROUND LEVEL START 25' STOP same		HEIGHT RELATIVE TO OBSERVER START 27' STOP same		DISTANCE FROM OBSERVER START 200' STOP same		DIRECTION FROM OBSERVER START 214° STOP same	
DESCRIBE EMISSIONS START		STOP		EMISSION COLOR START gray STOP		PLUME TYPE. CONTINUOUS <input type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>	
WATER DROPLETS PRESENT. NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		T IN THE PLUME AT WHICH OPACITY WAS DETERMINED START 6" above stack STOP same		DESCRIBE BACKGROUND START sky STOP sky	
BACKGROUND COLOR START blue STOP blue		SKY CONDITIONS START clear STOP clear		WIND SPEED START 0.5 mph STOP 0.5 mph		WIND DIRECTION START NINE STOP NINE	
AMBIENT TEMP START 60°F STOP 60°F		WET BULB TEMP 71%		RH. percent 71%			
Source Layout Sketch 		Draw North Arrow 		AVERAGE OPACITY FOR HIGHEST PERIOD 0		NUMBER OF READINGS ABOVE 20% WERE 0	
RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 0		OBSERVER'S NAME (PRINT) Barbara Nevins		OBSERVER'S SIGNATURE Barbara Nevins		DATE 12-21-10	
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE		CERTIFIED BY ETA		DATE 8-12-10			
TITLE		DATE		VERIFIED BY		DATE	

Visible Emission Observation Form

SOURCE NAME		OBSERVATION DATE		START TIME		STOP TIME	
Charles A Russell Generation Facility		012-21-10		0818		0848	
ADDRESS		SEC	MIN	0	15	30	45
3421 Overseas Hwy		1	0	0	0	0	0
0870004		2	0	0	0	0	0
CITY	STATE	ZIP	SEC	MIN	0	15	30
Marathon	FL	33050	3	0	0	0	0
PHONE	SOURCE ID NUMBER		4 <th>0 <th>0 <th>0 <th>0 </th></th></th></th>	0 <th>0 <th>0 <th>0 </th></th></th>	0 <th>0 <th>0 </th></th>	0 <th>0 </th>	0
	EU 008		5	0	0	0	0
PROCESS EQUIPMENT	OPERATING MODE		6 <th>0 <th>0 <th>0 <th>0 </th></th></th></th>	0 <th>0 <th>0 <th>0 </th></th></th>	0 <th>0 <th>0 </th></th>	0 <th>0 </th>	0
Recip Diesel Generator	3680 KW 100%		7	0	5	0	0
CONTROL EQUIPMENT	OPERATING MODE		8 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
			9 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
DESCRIBE EMISSION POINT			10 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
2nd stack from N			11 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START in low of 5 stacks STOP same			12 <th>5 <th>5 <th>0 <th>0 </th></th></th></th>	5 <th>5 <th>0 <th>0 </th></th></th>	5 <th>0 <th>0 </th></th>	0 <th>0 </th>	0
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER		13 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START ~ 45' STOP same	START ~ 45' STOP same		14 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER		15 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START ~ 320' STOP same	START ~ 320' STOP same		16 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
DESCRIBE EMISSIONS			17 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START lofting STOP lofting			18 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
EMISSION COLOR	PLUME TYPE, CONTINUOUS <input type="checkbox"/>		19 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START grey STOP same	FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		20 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
WATER DROPLETS PRESENT.	IF WATER DROPLET PLUME:		21 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		22 <th>5 <th>0</th> <th>0</th> <th>0 </th></th>	5 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
IN THE PLUME AT WHICH OPACITY WAS DETERMINED			23 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START ~ 1 ft from end of stack STOP same			24 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
DESCRIBE BACKGROUND			25 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START sky STOP sky			26 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
BACKGROUND COLOR	SKY CONDITIONS		27 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START blue STOP blue	START clear STOP clear		28 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
WIND SPEED	WIND DIRECTION		29 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
START 0-5 MPH STOP same	START NNE STOP NNE		30 <th>0 <th>0</th> <th>0</th> <th>0 </th></th>	0 <th>0</th> <th>0</th> <th>0 </th>	0	0	0
AMBIENT TEMP	WET BULB TEMP	RH. percent					
START 56.5° STOP 58°F		71%					
Source Layout Sketch			Draw North Arrow				
AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE				
16% - 1%			20% WERE 0				
RANGE OF OPACITY READINGS			5 MAXIMUM				
O MINIMUM							
OBSERVER'S NAME (PRINT)			Barbara Neutins				
OBSERVER'S SIGNATURE			Barbara Neutins				
DATE			12-21-10				
ORGANIZATION			FDEP				
CERTIFIED BY			ETA				
DATE			8-12-10				
VERIFIED BY							
DATE							
COMMENTS			Stack is ribbed towards N + just below roofline is 1 ft				
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS							
SIGNATURE							
TITLE							
DATE							

Visible Emission Observation Form

SOURCE NAME Charles A Russell Generation Facility		OBSERVATION DATE 12-21-10		START TIME 0818		STOP TIME 0848	
ADDRESS 3421 Overseas Hwy		SEC MIN 0 15 30 45		SEC MIN 0 15 30 45			
CITY Marathon	STATE FL	ZIP 33050					
PHONE	SOURCE ID NUMBER EU009						
PROCESS EQUIPMENT Recip Diesel Generator		OPERATING MODE 3850 Kw					
CONTROL EQUIPMENT		OPERATING MODE					
DESCRIBE EMISSION POINT 1st stack in line							
START of 5 stacks STOP same							
HEIGHT ABOVE GROUND LEVEL START 45' STOP same		HEIGHT RELATIVE TO OBSERVER START 45' STOP same					
DISTANCE FROM OBSERVER START 320' STOP same		DIRECTION FROM OBSERVER START 260° STOP 260°					
DESCRIBE EMISSIONS START lofting STOP lofting							
EMISSION COLOR START grey STOP same		PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>					
WATER DROPLETS PRESENT. <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>					
IN THE PLUME AT WHICH OPACITY WAS DETERMINED START 1 ft from end of stack STOP same							
DESCRIBE BACKGROUND START sky STOP sky							
BACKGROUND COLOR START blue STOP same		SKY CONDITIONS START clear STOP clear					
WIND SPEED START 0.5 mph STOP 0.5 mph		WIND DIRECTION START NNE STOP NNE					
AMBIENT TEMP START 56.5°F STOP 58°F		WET BULB TEMP 71%					
Source Layout Sketch Draw North Arrow 							
							
AVERAGE OPACITY FOR HIGHEST PERIOD 2.1%				NUMBER OF READINGS ABOVE 20% WERE 0			
RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 5							
OBSERVER'S NAME (PRINT) Barbara Nevin S							
OBSERVER'S SIGNATURE <i>Barbara Nevin S</i>				DATE 12-21-10			
ORGANIZATION FDEP							
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE ETA				DATE 8-12-10			
TITLE		DATE		VERIFIED BY		DATE	