



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME <b>TWIN OAKS Pet Crematory</b>		OBSERVATION DATE <b>2-5-10</b>				START TIME <b>0940</b>		STOP TIME <b>1015</b>					
ADDRESS <b>251 NE 306 Street</b>		SEC MIN	0	15	30	45	SEC MIN	0	15	30	45		
CITY <b>Okreechabee</b>		STATE <b>FL</b>	ZIP <b>34912</b>		1	0	0	5	0	31	0	0	0
PHONE <b>863-467-6377</b>		SOURCE ID NUMBER <b>0930102-008AD</b>		2	5	0	0	5	32	0	0	0	0
PROCESS EQUIPMENT <b>MATTHEW'S BL CREMATION SYSTEM</b>		OPERATING MODE <b>90%</b>		3	0	0	0	0	33	5	0	0	0
CONTROL EQUIPMENT <b>AFTER BURNER</b>		OPERATING MODE <b>90%</b>		4	5	0	0	0	34	5	0	0	0
DESCRIBE EMISSION POINT <b>START 2' front of stack STOP</b>		5	0	0	0	0	35	0	0	0	0	0	0
HEIGHT ABOVE GROUND LEVEL <b>START 25' STOP SAME</b>		HEIGHT RELATIVE TO OBSERVER <b>START STOP</b>		6	0	0	0	0	36				
DISTANCE FROM OBSERVER <b>START 130 STOP SAME</b>		DIRECTION FROM OBSERVER <b>START 260° STOP</b>		7	5	0	0	0	37				
DESCRIBE EMISSIONS <b>START Light drift tough to read almost STOP unobservable</b>		8	0	0	0	0	38						
EMISSION COLOR <b>START GRAY STOP SAME</b>		PLUME TYPE: CONTINUOUS <input type="checkbox"/>		9	0	0	0	0	39				
WATER DROPLETS PRESENT <b>NO YES</b>		IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		10	5	0	0	0	40				
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED <b>START 2' from stack STOP SAME</b>		11	0	5	0	0	41						
DESCRIBE BACKGROUND <b>START OVERCAST GRAY STOP SAME</b>		12	0	0	0	0	42						
BACKGROUND COLOR <b>START W STOP W</b>		SKY CONDITIONS <b>START OVERCAST STOP SAME</b>		13	0	0	0	0	43				
WIND SPEED <b>START 12 STOP</b>		WIND DIRECTION <b>START SE STOP SE</b>		14	0	5	0	0	44				
AMBIENT TEMP. <b>START 70 STOP</b>		WET BULB TEMP.		15	0	0	0	0	45				
		RH, percent		16	0	5	0	0	46				
<p style="text-align: center;">Source Layout Sketch      Draw North Arrow</p> <p style="text-align: center;">Sun → Wind → Plume and Stack</p> <p style="text-align: center;">140° Sun Location Line</p>		17	5	0	0	0	47						
		18	0	0	0	0	48						
		19	5	0	0	0	49						
		20	0	0	0	0	50						
		21	0	0	0	0	51						
		22	0	5	0	0	52						
		23	0	0	0	0	53						
		24	0	0	0	0	54						
		25	0	0	0	5	55						
		26	0	0	0	5	56						
27	0	0	0	0	57								
28	0	0	0	0	58								
29	0	0	0	0	59								
30	0	5	0	0	60								
		AVERAGE OPACITY FOR HIGHEST PERIOD				NUMBER OF READINGS ABOVE % WERE							
		RANGE OF OPACITY READINGS 0 MINIMUM      MAXIMUM 5											
OBSERVER'S NAME (PRINT) <b>Robert J. Duke</b>		OBSERVER'S SIGNATURE <i>[Signature]</i>				DATE <b>2-5-10</b>							
COMMENTS		ORGANIZATION <b>DEP-SED</b>											
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS		CERTIFIED BY				DATE							
SIGNATURE		VERIFIED BY				DATE							
TITLE		DATE				DATE							

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