

# 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  
**LAKE COGEN**

Facility Name \_\_\_\_\_

Street Address \_\_\_\_\_

City **UMILITA** State **FL** Zip \_\_\_\_\_

Process **COMBUSTION TURBINE** Unit # **102** Operating Mode **43 MW**

Control Equipment **WATER INJECTION** Operating Mode \_\_\_\_\_

Describe Emission Point  
**STACKS**

Height of Emiss. Pt. Start **60** End **60** Height of Emiss. Pt. Rel. to Observer Start **60** End **60**

Distance to Emiss. Pt. Start **300** End **300** Direction to Emiss. Pt. (Degrees) Start **300** End **300**

Vertical Angle to Obs. Pt. Start \_\_\_\_\_ End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start **300** End **300**

Distance and Direction to Observation Point from Emission Point Start **1813 UP** End **1813 UP**

Describe Emissions Start **NONE** End **NONE**

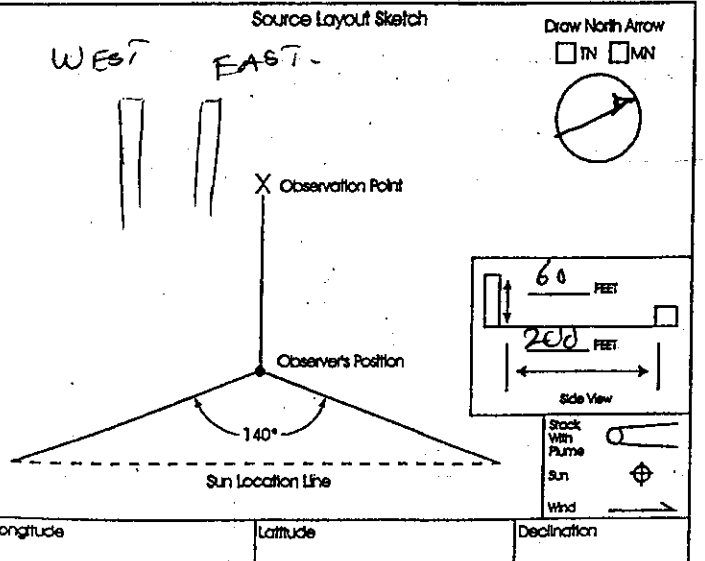
Emission Color Start **NONE** End \_\_\_\_\_ Water Droplet Plume Attached  Detached  None

Describe Plume Background Start **SKY** End \_\_\_\_\_

Background Color Start **GREY** End **GREY** Sky Conditions Start **OVERCAST** End **OVERCAST**

Wind Speed Start **0-3** End **0-3** Wind Direction Start **NW** End **NE**

Ambient Temp. Start **85°** End **85°** Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_



Observation Date	Time Zone	Start Time	End Time					
<b>6/15/04</b>		<b>3:16</b>						
Sec	0	15	30	45	Comments			
16 <sup>1</sup>	0	0	0	0	EAST UNIT			
17 <sup>2</sup>	0	0	0	0				
18 <sup>3</sup>	0	0	0	0				
19 <sup>4</sup>	0	0	0	0				
20 <sup>5</sup>	0	0	0	0				
21 <sup>6</sup>	0	0	0	0				
22 <sup>7</sup>	0	0	0	0				
23 <sup>8</sup>	0	0	0	0				
24 <sup>9</sup>	0	0	0	0				
25 <sup>10</sup>	0	0	0	0				
26 <sup>11</sup>	0	0	0	0				
27 <sup>12</sup>	0	0	0	0				
13					WEST UNIT			
16 <sup>14</sup>	0	0	0	0				
17 <sup>15</sup>	0	0	0	0				
18 <sup>16</sup>	0	0	0	0				
19 <sup>17</sup>	0	0	0	0				
20 <sup>18</sup>	0	0	0	0				
21 <sup>19</sup>	0	0	0	0				
22 <sup>20</sup>	0	0	0	0				
23 <sup>21</sup>	0	0	0	0				
24 <sup>22</sup>	0	0	0	0				
25 <sup>23</sup>	0	0	0	0				
26 <sup>24</sup>	0	0	0	0				
27 <sup>25</sup>	0	0	0	0				
26								
27								
28								
29								
30								

Observer's Name (Print) \_\_\_\_\_

Observer's Signature **Garth Luberski** Date **6/15/04**

Organization **FDEP**

Certified by **ETA** Date **FEB 14 2004**