

Southern Environmental Sciences, Inc.

1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014 □ Fax: (813) 752-2475

August 12, 2009

Mr. Jason Waters
ENVIRONMENTAL PROTECTION
COMMISSION OF HILLSBOROUGH COUNTY
Roger P. Stewart Center
Air Quality Division
3629 Queen Palm Drive
Tampa, Florida 33619

Re: Hillsborough County Animal Services, Inc.
Animal Crematory Incinerator (EU ID No. 001)
Facility ID No.: 0570452

Dear Mr. Waters:

Enclosed is one copy of the visible emissions evaluation performed on the above referenced source on ^{July} June 22, 2009. Results of the testing were well within the permitted limits established for this facility. Also enclosed is a copy of the secondary chamber temperature chart.

Please feel free to call if you have any questions concerning the results.

Regards,

SOUTHERN ENVIRONMENTAL
SCIENCES, INC.



Mark S. Gierke, QSTI
Source Testing Manager

cc: Ms. Janice Maharaj, Hillsborough County Animal Services

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VISIBLE EMISSIONS EVALUATION

COMPANY <i>Hills. Co. Animal Services</i>	
UNIT <i>Animal Crematory Incinerator</i>	
ADDRESS <i>440 Falkenburg Rd</i> <i>Tampa, FL</i>	
PERMIT NO. <i>0570452-005-AG</i>	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <i>0570452</i>	EU NO. <i>001</i>
PROCESS RATE <i>239 lb/hr</i>	PERMITTED RATE <i>250 lb/hr</i>
PROCESS EQUIPMENT <i>B&L Systems 2500/250</i>	
CONTROL EQUIPMENT <i>1600°F Afterburner</i>	
OPERATING MODE <i>NG Fired</i>	AMBIENT TEMP. (°F) START <i>86°</i> STOP <input checked="" type="checkbox"/>
HEIGHT ABOVE GROUND LEVEL START <i>230'</i> STOP <input checked="" type="checkbox"/>	HEIGHT RELATIVE TO OBSERVER START <i>230'</i> STOP <input checked="" type="checkbox"/>
DISTANCE FROM OBSERVER START <i>2100'</i> STOP <input checked="" type="checkbox"/>	DIRECTION FROM OBSERVER START <i>300°</i> STOP <input checked="" type="checkbox"/>
EMISSION COLOR <i>NOVE</i>	PLUME TYPE CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/> <i>NA</i>
WATER DROPLETS PRESENT? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> <i>NA</i>
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START <i>Stack Exit</i> STOP <input checked="" type="checkbox"/>	
DESCRIBE BACKGROUND START <i>SKY</i> STOP <input checked="" type="checkbox"/>	
BACKGROUND COLOR START <i>Blue</i> STOP <input checked="" type="checkbox"/>	SKY CONDITIONS START <i>Clear</i> STOP <input checked="" type="checkbox"/>
WIND SPEED (MPH) START <i>2-6</i> STOP <input checked="" type="checkbox"/>	WIND DIRECTION START <i>S</i> STOP <input checked="" type="checkbox"/>
AVERAGE OPACITY FOR HIGHEST PERIOD <i>0%</i>	RANGE OF OPACITY READINGS MIN. <i>0</i> MAX. <i>0</i>

OBSERVATION DATE <i>7/22/09</i>		START TIME <i>0908</i>				STOP TIME <i>1008</i>					
SEC	MIN	0	15	30	45	SEC	MIN	0	15	30	45
0	30	0	0	0	0	30	0	0	0	0	0
1	31	0	0	0	0	31	0	0	0	0	0
2	32	0	0	0	0	32	0	0	0	0	0
3	33	0	0	0	0	33	0	0	0	0	0
4	34	0	0	0	0	34	0	0	0	0	0
5	35	0	0	0	0	35	0	0	0	0	0
6	36	0	0	0	0	36	0	0	0	0	0
7	37	0	0	0	0	37	0	0	0	0	0
8	38	0	0	0	0	38	0	0	0	0	0
9	39	0	0	0	0	39	0	0	0	0	0
10	40	0	0	0	0	40	0	0	0	0	0
11	41	0	0	0	0	41	0	0	0	0	0
12	42	0	0	0	0	42	0	0	0	0	0
13	43	0	0	0	0	43	0	0	0	0	0
14	44	0	0	0	0	44	0	0	0	0	0
15	45	0	0	0	0	45	0	0	0	0	0
16	46	0	0	0	0	46	0	0	0	0	0
17	47	0	0	0	0	47	0	0	0	0	0
18	48	0	0	0	0	48	0	0	0	0	0
19	49	0	0	0	0	49	0	0	0	0	0
20	50	0	0	0	0	50	0	0	0	0	0
21	51	0	0	0	0	51	0	0	0	0	0
22	52	0	0	0	0	52	0	0	0	0	0
23	53	0	0	0	0	53	0	0	0	0	0
24	54	0	0	0	0	54	0	0	0	0	0
25	55	0	0	0	0	55	0	0	0	0	0
26	56	0	0	0	0	56	0	0	0	0	0
27	57	0	0	0	0	57	0	0	0	0	0
28	58	0	0	0	0	58	0	0	0	0	0
29	59	0	0	0	0	59	0	0	0	0	0

SOURCE LAYOUT SKETCH

Draw North Arrow

Legend:
Hsa = Horizontal Sun Angle
Vsa = Vertical Sun Angle
→ = Wind
☉ = Plume & Stack

Observer's Position

Sun Location Line

Comments *Serial # 1025-808-07*

EASTERN TECHNICAL ASSOCIATES

KENNETH M ROBERTS

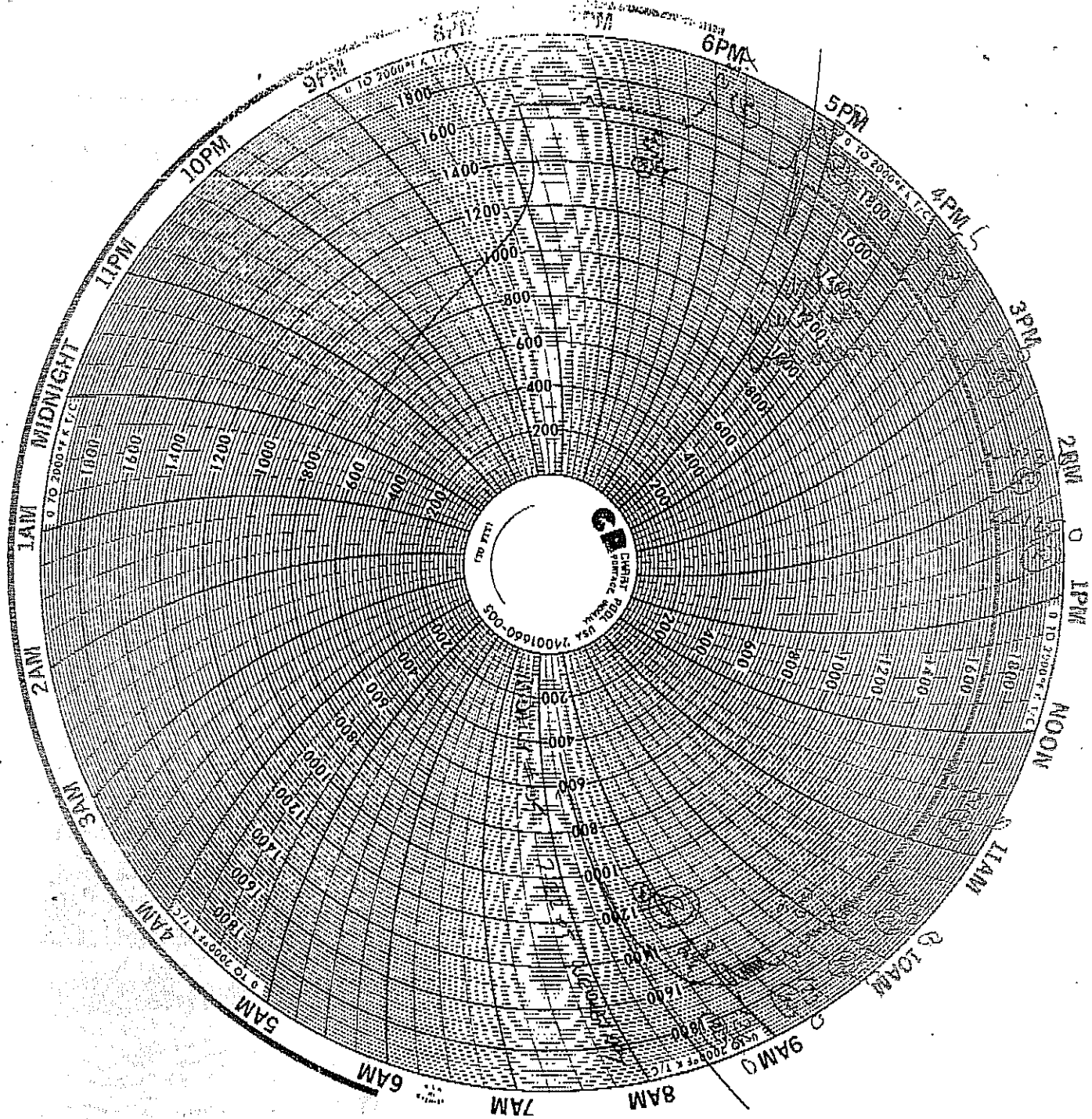
ROB420592 STUDENT ID NUMBER

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and expires on the date below.

TAMPA, FL	2/11/2009	370149
SCHOOL LOCATION	DATE OF SCHOOL	CERT NUMBER
TMPF07	8/13/2009	<i>KR Roberts</i>
LAST LECTURE	CERTIFICATION EXP DATE	BEARER

I certify that all data provided to the person conducting the test was true and correct to the best of my knowledge:

Signature: *Melinda* Title *Supervisor*



Panetta, Joe

From: Ken Roberts [kroberts@sesfla.com]
Sent: Tuesday, September 15, 2009 3:06 PM
To: Panetta, Joe
Subject: Hills Co/ Animal Services
Attachments: Hills Co. Animal Services.pdf

Joe:

Attached is the VE that was performed on the subject source on July 22, 2009. It was sent to EPCHC on August 12, 2009.

Jason Waters should have sent you a copy.

Ken Roberts
Vice President
SOUTHERN ENVIRONMENTAL
SCIENCES, INC.
1204 North Wheeler Street
Plant City, Florida 3563
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