

Southern Environmental Sciences, Inc.

DEC 08 2008

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

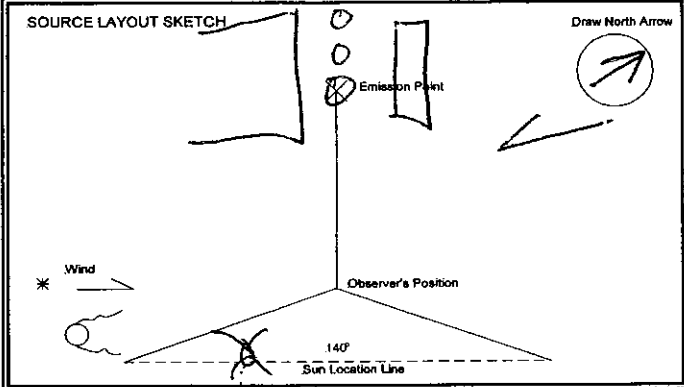
DEPT of ENV PROTECTION
WEST PALM BEACH

VISIBLE EMISSIONS EVALUATION

Flyash Silo #1

COMPANY Old Castle Coastal	
UNIT Flyash Silo NO. 1	
ADDRESS 4600 Magnum Dr. FT. Pierce, FL	
PERMIT NO.	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. 1110098	EU NO. 001
PROCESS RATE 25.94 TONS loaded	PERMITTED RATE 25 TPH
PROCESS EQUIPMENT Flyash Silo NO. 1	
CONTROL EQUIPMENT Baghouses	
OPERATING MODE Filling Silo @ PSIG	AMBIENT TEMP. (°F) START 50 STOP 50
HEIGHT ABOVE GROUND LEVEL START 235' STOP same	HEIGHT RELATIVE TO OBSERVER START 235' STOP same
DISTANCE FROM OBSERVER START 2100' STOP same	DIRECTION FROM OBSERVER START 270° STOP 270°
EMISSION COLOR NONE	PLUME TYPE CONTIN <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input checked="" type="checkbox"/> N/A
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START Vent Exit STOP same	
DESCRIBE BACKGROUND START SKY STOP SKY	
BACKGROUND COLOR START BL/WH STOP same	SKY CONDITIONS START Scatt STOP same
WIND SPEED (MPH) START 5-10 STOP 5-10	WIND DIRECTION START N STOP N
AVERAGE OPACITY FOR HIGHEST PERIOD 0%	RANGE OF OPACITY READINGS MIN. 0 MAX. 0

OBSERVATION DATE		START TIME				STOP TIME			
12/3/08		1012				1042			
SEC	0	15	30	45	SEC	0	15	30	45
MIN					MIN				
0	0	0	0	0	30				
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	0	39				
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13	0	0	0	0	43				
14	0	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	0	0	0	0	47				
18	0	0	0	0	48				
19	0	0	0	0	49				
20	0	0	0	0	50				
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				



Comments

EASTERN TECHNICAL ASSOCIATES

MARK GIERKE
GIEZAS 2008 - LICENSED ID NUMBER

met the specifications of Federal Register 40 CFR 60.6 and qualifies as a visible emissions evaluator. Maximum opacity for white and black smoke did not exceed 7.6% opacity and no single or multiple violations were observed during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue and expiration on the date below.

TAMPA, FL 8/13/2008 364694
SCHOOL LOCATION DATE OF SCHOOL TEST NUMBER

TAMPA, FL 2/13/2009
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: *[Signature]* Title

Southern Environmental Sciences, Inc.

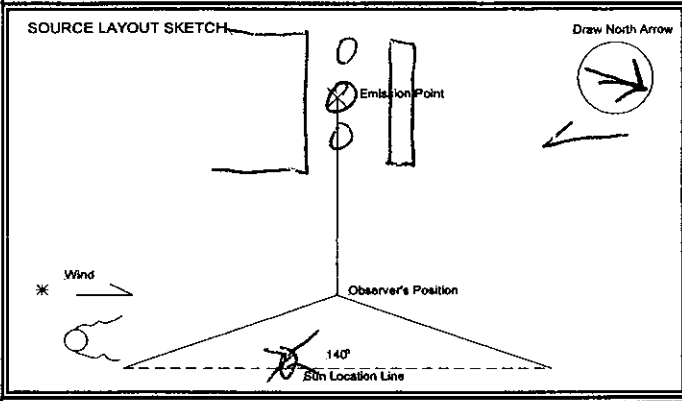
1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014, Fax (813) 752-2475

VISIBLE EMISSIONS EVALUATION

Silo #2 - white

COMPANY <u>Okechke Coastal</u>	
UNIT <u>Cement Silo #2</u>	
ADDRESS <u>4600 Magnum Dr. Ft. Pierce, FL</u>	
PERMIT NO.	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. <u>1110098</u>	EU NO. <u>002</u>
PROCESS RATE <u>25.3 tons loaded</u>	PERMITTED RATE <u>25 TPH</u>
PROCESS EQUIPMENT <u>Cement Silo NO. 2 (White Cement)</u>	
CONTROL EQUIPMENT <u>Baghouse</u>	
OPERATING MODE <u>Filling Silo @ 8 PSIG</u>	AMBIENT TEMP. (°F) START <u>40</u> STOP <u>40</u>
HEIGHT ABOVE GROUND LEVEL START <u>235'</u> STOP <u>same</u>	HEIGHT RELATIVE TO OBSERVER START <u>235'</u> STOP <u>same</u>
DISTANCE FROM OBSERVER START <u>210'</u> STOP <u>same</u>	DIRECTION FROM OBSERVER START <u>250°</u> STOP <u>250°</u>
EMISSION COLOR <u>NONE</u>	PLUME TYPE <u>N/A</u> CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> <u>N/A</u>
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START <u>Vent Exit</u> STOP <u>same</u>	
DESCRIBE BACKGROUND START <u>sky</u> STOP <u>sky</u>	
BACKGROUND COLOR START <u>bl/wh</u> STOP <u>same</u>	SKY CONDITIONS START <u>scat</u> STOP <u>same</u>
WIND SPEED (MPH) START <u>5-20</u> STOP <u>5-20</u>	WIND DIRECTION START <u>N</u> STOP <u>N</u>
AVERAGE OPACITY FOR HIGHEST PERIOD <u>0%</u>	RANGE OF OPACITY READINGS MIN. <u>0</u> MAX. <u>0</u>

OBSERVATION DATE <u>12/3/08</u>		START TIME <u>0902</u>				STOP TIME <u>0932</u>			
SEC	0	15	30	45	SEC	0	15	30	45
MIN					MIN				
0	0	0	0	0	30				
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	0	39				
10	0	0	0	0	40				
11	0	0	0	0	41				
12	0	0	0	0	42				
13	0	0	0	0	43				
14	0	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	0	0	0	0	47				
18	0	0	0	0	48				
19	0	0	0	0	49				
20	0	0	0	0	50				
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	0	0	0	0	54				
25	0	0	0	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				



Comments

EASTERN TECHNICAL ASSOCIATES

MARK GIERKE
GIEZ03160 - STUDENT ID NUMBER

met the specifications of Federal Test Method 202 and qualifies as a visible emissions evaluator. Maximum opacity of 7.5% and no black smoke did not exceed 7.5% opacity and no smoke during the test. This certification was issued during the certification test conducted at Southern Environmental Sciences, Inc., Raleigh, NC. This certificate is valid for 30 days from date of issue and applies to the data below.

TAMPA, FL	8/13/2008	364694
SCHOOL LOCATION	DATE OF SCHOOL	TEST NUMBER
TMR006	2/12/2009	<i>[Signature]</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: *[Signature]* Title: _____

Southern Environmental Sciences, Inc.

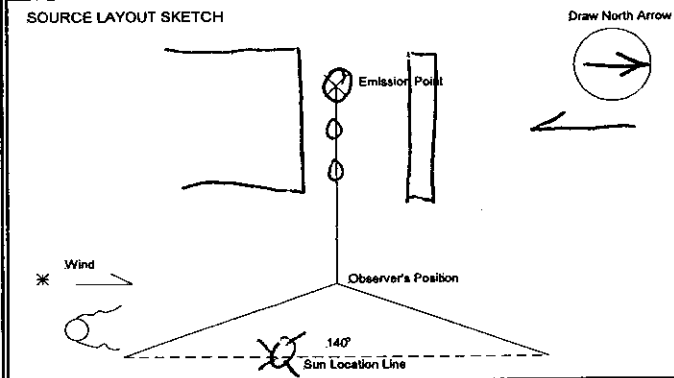
1204 North Wheeler Street □ Plant City, Florida 33563 □ (813) 752-5014, Fax (813) 752-2475

VISIBLE EMISSIONS EVALUATION

Silo #3 - Gray

COMPANY	
UNIT Cement Silo #3	
ADDRESS 4600 Magnum Dr. FT. Pierce, FL	
PERMIT NO.	COMPLIANCE? YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
AIRS NO. 1110098	EU NO. 003
PROCESS RATE 26.44 Tons/loaded	PERMITTED RATE 25 TPH
PROCESS EQUIPMENT Cement Silo NO. 3 (Gray Cement)	
CONTROL EQUIPMENT Baghouse	
OPERATING MODE Filling Silo @ 10PSIG	AMBIENT TEMP. (°F) START 40 STOP 40
HEIGHT ABOVE GROUND LEVEL START 23.4' STOP same	HEIGHT RELATIVE TO OBSERVER START 135' STOP same
DISTANCE FROM OBSERVER START 110' STOP same	DIRECTION FROM OBSERVER START 210° STOP 250°
EMISSION COLOR NONE	PLUME TYPE CONTIN. <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>
WATER DROPLETS PRESENT? NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	IS WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input checked="" type="checkbox"/> N/A
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START Vent Exit STOP same	
DESCRIBE BACKGROUND START sky STOP sky	
BACKGROUND COLOR START Bl/Wh STOP same	SKY CONDITIONS START Scat STOP same
WIND SPEED (MPH) START 5.20 STOP 5.20	WIND DIRECTION START N STOP N
AVERAGE OPACITY FOR HIGHEST PERIOD 0%	RANGE OF OPACITY READINGS MIN. 0 MAX. 0

OBSERVATION DATE 12/3/08		START TIME 0902				STOP TIME 0932			
SEC MIN	0	15	30	45	SEC MIN	0	15	30	45
0	0	0	0	0	30				
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	0	0	0	0	34				
5	0	0	0	0	35				
6	0	0	0	0	36				
7	0	0	0	0	37				
8	0	0	0	0	38				
9	0	0	0	0	39				
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26	0	0	0	0	56				
27	0	0	0	0	57				
28	0	0	0	0	58				
29	0	0	0	0	59				



Comments

EASTERN TECHNICAL ASSOCIATES

MARK GIERKE

GIE/012009 IDENT ID NUMBER

met the specifications of Federal Test Method 222 and qualifies as a visible emission evaluator. Maximum level of white and black smoke did not exceed 7.5% opacity and no single element of smoke was incurred during the certification test conducted by Eastern Technical Associates, Raleigh, NC. This certificate is valid for six months from date of issue and expires on the date below.

TAMPA, FL	8/13/2009	364694
SCHOOL LOCATION	DATE OF SCHOOL	TEST NUMBER
TMR508	2/12/2009	<i>Mark Gierke</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: *MSK* Title: _____