

VISIBLE EMISSIONS EVALUATION

COMPANY J&N Stone	
UNIT	
ADDRESS 135 Bargain Barn Rd Davenport, Florida	
PERMIT NO. 1050411-001-A6	COMPLIANCE YES - X NO -
AIRS NO. 1050411	EU NO. 002
PROCESS RATE ~25 tph	PERMITTED RATE 25 tph
PROCESS EQUIPMENT Pneumatic unloading of gray cement	
CONTROL EQUIPMENT Baghouse	
OPERATING MODE on	AMBIENT TEMP (BF) START ~80° STOP ~80°
HEIGHT ABOVE GROUND LEVEL START ~45' STOP ~45'	HEIGHT RELATIVE TO OBSERVER START ~40' STOP ~40'
DISTANCE FROM OBSERVER START ~150ft STOP Same	DIRECTION FROM OBSERVER START 280° STOP 280°
EMISSION COLOR gray	PLUME TYPE CONTIN. - INTERMITTENT - X
WATER DROPLETS PRESENT? NO - X YES -	IS WATER DROPLET PLUME ATTACHED - DETACHED -
POINT IN PLUME AT WHICH OPACITY WAS DETERMINED START 6 ft from Baghouse vent. STOP Same	
DESCRIBE BACKGROUND START Clear Blue Sky STOP Same	
BACKGROUND COLOR START Blue STOP Same	SKY CONDITIONS START Clear STOP Same
WIND SPEED (MPH) START ~2-4 mph STOP Same	WIND DIRECTION START SE STOP Same
AVERAGE OPACITY FOR HIGHEST PERIOD 1.04%	RANGE OF OPACITY READINGS MIN. 0 MAX. 20
SOURCE LAYOUT SKETCH <div style="text-align: center;"> <p>The sketch shows a central 'Emission Point' (circle with an X) and 'Observer's Position' (circle with a dot) connected by a vertical line. To the left, a 'Sun' (star) and 'Wind' (arrow) are shown. Below, a 'Plume and Stack' is indicated. A dashed line represents the 'Sun Location Unit'.</p> </div>	
COMMENTS 27 tons unloaded	

OBSERVATION DATE		START TIME				STOP TIME			
05/19/2011		10:17				10:47			
SEC	MIN				SEC	MIN			
	0	15	30	45		1	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				
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	20	5	59				

Observers Signature: *Steve Sherman*

Date: **05/19/2011**

Observers Organization: Florida Department of Environmental Protection

Observer Name and Certified By:

EASTERN TECHNICAL ASSOCIATES

STEVEN SHERMAN

SHE710883 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	2/9/2011	391742
SCHOOL LOCATION	DATE OF SCHOOL	CERT NUMBER
TMP511	8/11/2011	
LAST LECTURE	CERTIFICATION EXP. DATE	BEARER