

**Florida Department of Environmental Protection**  
**ARM Inspection Report**

ARMS ID No. 850004	Owner/Company Name: TARMAC FLORIDA, INC.	Inspection Date: 11/7/08
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Site Name: TARMAC/STUART	County: MARTIN
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Permit No(s). 0850004003AG	Expiration Date: May 22, 2011	Type: AG
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Facility Contact Name: Charles Robertson	Title: Environmental Engineer	Phone: -
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Emissions Unit(s):	Compliance Status:
001 Concrete Batch Plant w/ 3 silos	IN
	IN
	IN
	IN

**Field Observations:**

Observed and recorded visible emission readings during filling of all three silo compartments. New baghouses and central dust collection systems installed approx. 3 months ago. Charles Robertson of Tarmac performed test for Tarmac. No visible emissions observed. No truck loadout occurring due to lack of business. Twelve mix trucks parked on site are inactive. The compartment marked "Flyash" was filled with type I/II cement. Flyash is not used much anymore. The sign designating the "Flyash" fill pipe will be replaced with one indicating "type I/II cement." No batching occurring at plant at this time.

During initial filling of Lam cam silo, the connection at the fill pipe from the truck hose leaked. The driver poured water from a water bottle over the connection until the leak stopped about 20 seconds later.

Large aggregate piles were being sprinkled by sprinklers constantly. Most of the plant grounds were wet from previous rain. No fugitive emissions noted during inspection except leak described above.

Inspector's Name Allen Rainey	Signature: <i>Allen J. Rainey</i>	Date: 11/7/08
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SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME				STOP TIME							
Tarmac America, Inc.			11/7/08				9:12 AM				9:26 AM							
ADDRESS			SEC				SEC				SEC							
1501 Monterey Rd.			MIN	0	15	30	45	MIN	0	15	30	45	MIN	0	15	30	45	
CITY: Stuart			1				2				3				4			
STATE: FL			0				0				0				0			
ZIP: 33494			0				0				0				0			
PHONE: —			0				0				0				0			
SOURCE ID NUMBER: 085004			0				0				0				0			
PROCESS EQUIPMENT: Silo loading			0				0				0				0			
OPERATING MODE: Normal			0				0				0				0			
CONTROL EQUIPMENT: baghouse			0				0				0				0			
OPERATING MODE: 12 psi			0				0				0				0			
DESCRIBE EMISSION POINT			0				0				0				0			
START exhaust			0				0				0				0			
STOP exhaust			0				0				0				0			
HEIGHT ABOVE GROUND LEVEL			0				0				0				0			
START 40' STOP 50'			0				0				0				0			
HEIGHT RELATIVE TO OBSERVER			0				0				0				0			
START 40' STOP 40'			0				0				0				0			
DISTANCE FROM OBSERVER			0				0				0				0			
START 170' STOP 170'			0				0				0				0			
DIRECTION FROM OBSERVER			0				0				0				0			
START WNW STOP WNW			0				0				0				0			
DESCRIBE EMISSIONS			0				0				0				0			
START None			0				0				0				0			
STOP none			0				0				0				0			
EMISSION COLOR			0				0				0				0			
START N/A STOP N/A			0				0				0				0			
PLUME TYPE: CONTINUOUS <input type="checkbox"/>			0				0				0				0			
FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>			0				0				0				0			
WATER DROPLETS PRESENT: NO <input type="checkbox"/> YES <input type="checkbox"/>			0				0				0				0			
IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>			0				0				0				0			
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			0				0				0				0			
START exhaust outlet STOP exhaust outlet			0				0				0				0			
DESCRIBE BACKGROUND			0				0				0				0			
START sky			0				0				0				0			
STOP sky			0				0				0				0			
BACKGROUND COLOR			0				0				0				0			
START Blue STOP Blue			0				0				0				0			
SKY CONDITIONS			0				0				0				0			
START clear STOP clear			0				0				0				0			
WIND SPEED			0				0				0				0			
START 6-11 STOP 6-11			0				0				0				0			
WIND DIRECTION			0				0				0				0			
START W STOP W			0				0				0				0			
AMBIENT TEMP.			0				0				0				0			
START 75° STOP 75°			0				0				0				0			
WET BULB TEMP.			0				0				0				0			
RH, percent			0				0				0				0			
Source Layout Sketch			0				0				0				0			
Draw North Arrow			0				0				0				0			
			0				0				0				0			
<p>AVERAGE OPACITY FOR HIGHEST PERIOD: 0</p> <p>RANGE OF OPACITY READINGS: MINIMUM 0, MAXIMUM 0</p> <p>OBSERVER'S NAME (PRINT): Allen Rainey</p> <p>OBSERVER'S SIGNATURE: [Signature] DATE: 11/7/08</p> <p>ORGANIZATION: SE District DEP</p> <p>CERTIFIED BY: ETA DATE: 7/11/07</p> <p>VERIFIED BY: — DATE: —</p>			0				0				0				0			
COMMENTS			0				0				0				0			
Loaded 26.54 tons cam cam			0				0				0				0			
loaded into silo/no batching			0				0				0				0			
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			0				0				0				0			
SIGNATURE: [Signature]			0				0				0				0			
DATE: no batching			0				0				0				0			



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME Tarmac America, Inc.			OBSERVATION DATE 11/7/08			START TIME 10:37 AM		STOP TIME 10:49 AM			
ADDRESS 1501 Monterey Rd.			SBC			SEC					
			MIN	0	15	30	45	MIN	0		
CITY Stuart			STATE FL	ZIP 33494							
PHONE -			SOURCE ID NUMBER 0850004								
PROCESS EQUIPMENT Silo loading			OPERATING MODE 8 PSI								
CONTROL EQUIPMENT baghouse			OPERATING MODE 8 PSI								
DESCRIBE EMISSION POINT START exhaust STOP exhaust											
HEIGHT ABOVE GROUND LEVEL START 40' STOP 40'		HEIGHT RELATIVE TO OBSERVER START 40' STOP 40'									
DISTANCE FROM OBSERVER START 170' STOP 170'		DIRECTION FROM OBSERVER START WNW STOP WNW									
DESCRIBE EMISSIONS START None STOP None											
EMISSION COLOR START N/A STOP N/A		PLUME TYPE: CONTINUOUS <input type="checkbox"/>									
WATER DROPLETS PRESENT NO <input type="checkbox"/> YES <input type="checkbox"/>		IF WATER DROPLET PLUME: ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>									
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED START exhaust outlet STOP exhaust outlet											
DESCRIBE BACKGROUND START Sky STOP Sky											
BACKGROUND COLOR START Blue STOP white		SKY CONDITIONS START scattered STOP same									
WIND SPEED START 6-11 STOP 6-11		WIND DIRECTION START W STOP W									
AMBIENT TEMP. START 76° STOP 76°		WET BULB TEMP. -		RH, percent -							
<p>Source Layout Sketch Draw North Arrow</p> <p>Sun → Wind → Plume and Stack Observers Position 140° Sun Location Line</p>											
AVERAGE OPACITY FOR HIGHEST PERIOD 0			NUMBER OF READINGS ABOVE % WERE -								
RANGE OF OPACITY READINGS MINIMUM 0			MAXIMUM 0								
OBSERVER'S NAME (PRINT) Allen Rainey			OBSERVER'S SIGNATURE Allen Rainey		DATE 1/7/08						
COMMENTS loaded 26.52 tons type I/II cement into silo. Partial baghouse or blockhouse			ORGANIZATION SE District DEP								
I HAVE RECEIVED A COPY OF THESE OPACITY/OBSERVATIONS SIGNATURE and sun angle location			CERTIFIED BY ETA		DATE 1/11/07						
DATE 10/3/08			VERIFIED BY -		DATE -						