

Florida Department of Environmental Protection
ARM Inspection Report

ARMS ID No. 1110002	Owner/Company Name: TARMAC FLORIDA	Inspection Date:
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Site Name: TARMAC/FT PIERCE	County: ST. LUCIE
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Permit No(s). 1110002002AG	Expiration Date: July 11, 2008	Type: AG
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Facility Contact Name: Abigail Diaz	Title: Environmental Engineer	Phone: 561-252-0057
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Emissions Unit(s):	Compliance Status:
EU 006	IN

Field Observations:

Visible emissions testing on this date for only the concrete mixers for EU006. The two mixers were overlooked during the visible emissions testing conducted on 7/3/07.

Toured most of the plant grounds for all of the emissions units (001-006). Reasonable precautions appear to be adequate to control unconfined emissions.

During visible emissions testing, the two concrete mixers operated sporadically for short durations of time.

During the operation of concrete mixer #2, dust was emitted from the flexible conduit from the top hopper to the bottom loader (two small holes). However, visible emissions did not exceed 5% and did not interfere with testing of the mixer. Dust was observed coming from the top portion of concrete mixer #1 as the air-controlled actuators moved. No emissions exceeding 5% observed.

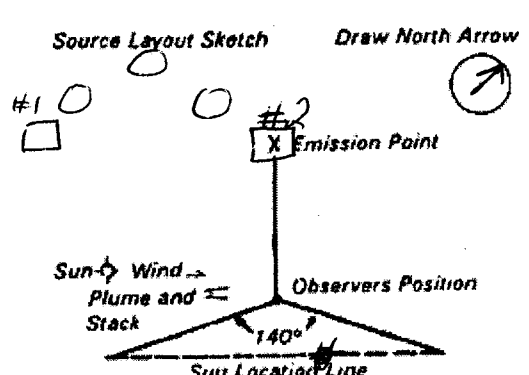
Inspector's Name Allen Rainey	Signature: <i>Allen J. Rainey</i>	Date: 9/13/07
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SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME				STOP TIME						
Tarmac America LLC			9/13/07				10:40 AM				10:50						
ADDRESS			SEC				SEC				SEC						
4199 Selwitz Rd.			MIN	0	15	30	45	MIN	0	15	30	45	MIN	0	15	30	45
			1	0	0	0	0	31									
CITY			2				3				4						
Ft Pierce			0 0 0 0				0 0 0 0				0 0 0 0						
STATE			3				4				5						
FL			0 0 0 0				0 0 0 0				0 0 0 0						
ZIP			6				7				8						
34981			0 0 0 0				0 0 0 0				0 0 0 0						
PHONE			9				10				11						
-			0 0 0 0				0 0 0 0				0 0 0 0						
SOURCE ID NUMBER			12				13				14						
110002			0 0 0 0				0 0 0 0				0 0 0 0						
PROCESS EQUIPMENT			15				16				17						
Concrete mixer #2 North			0 0 0 0				0 0 0 0				0 0 0 0						
OPERATING MODE			18				19				20						
normal			0 0 0 0				0 0 0 0				0 0 0 0						
CONTROL EQUIPMENT			21				22				23						
boothouse			0 0 0 0				0 0 0 0				0 0 0 0						
OPERATING MODE			24				25				26						
normal			0 0 0 0				0 0 0 0				0 0 0 0						
DESCRIBE EMISSION POINT			27				28				29						
START open tube			0 0 0 0				0 0 0 0				0 0 0 0						
STOP open tube			30				31				32						
HEIGHT ABOVE GROUND LEVEL			33				34				35						
START 30' STOP 30'			0 0 0 0				0 0 0 0				0 0 0 0						
HEIGHT RELATIVE TO OBSERVER			36				37				38						
START 0' STOP 0'			0 0 0 0				0 0 0 0				0 0 0 0						
DISTANCE FROM OBSERVER			39				40				41						
START 5' STOP 5'			0 0 0 0				0 0 0 0				0 0 0 0						
DIRECTION FROM OBSERVER			42				43				44						
START NE STOP NE			0 0 0 0				0 0 0 0				0 0 0 0						
DESCRIBE EMISSIONS			45				46				47						
START No NG			0 0 0 0				0 0 0 0				0 0 0 0						
STOP NONE			48				49				50						
EMISSION COLOR			51				52				53						
START N/A STOP			0 0 0 0				0 0 0 0				0 0 0 0						
STOP			54				55				56						
PLUME TYPE CONTINUOUS <input type="checkbox"/>			57				58				59						
FUGITIVE <input type="checkbox"/> INTERMITTENT <input checked="" type="checkbox"/>			0 0 0 0				0 0 0 0				0 0 0 0						
WATER DROPLETS PRESENT			60				61				62						
NO <input type="checkbox"/> YES <input checked="" type="checkbox"/>			0 0 0 0				0 0 0 0				0 0 0 0						
IF WATER DROPLET PLUME			63				64				65						
ATTACHED <input checked="" type="checkbox"/> DETACHED <input type="checkbox"/>			0 0 0 0				0 0 0 0				0 0 0 0						
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			66				67				68						
START N/A			0 0 0 0				0 0 0 0				0 0 0 0						
STOP N/A			69				70				71						
DESCRIBE BACKGROUND			72				73				74						
START trees			0 0 0 0				0 0 0 0				0 0 0 0						
STOP trees			75				76				77						
BACKGROUND COLOR			78				79				80						
START green STOP green			0 0 0 0				0 0 0 0				0 0 0 0						
SKY CONDITIONS			81				82				83						
START Scattered STOP "			0 0 0 0				0 0 0 0				0 0 0 0						
WIND SPEED			84				85				86						
START 5 to STOP 5+10			0 0 0 0				0 0 0 0				0 0 0 0						
WIND DIRECTION			87				88				89						
START SE STOP SE			0 0 0 0				0 0 0 0				0 0 0 0						
AMBIENT TEMP.			90				91				92						
START 89° STOP 89°			0 0 0 0				0 0 0 0				0 0 0 0						
WET BULB TEMP.			93				94				95						
-			0 0 0 0				0 0 0 0				0 0 0 0						
RH, percent			96				97				98						
-			99				0 0 0 0				0 0 0 0						
AVERAGE OPACITY FOR HIGHEST PERIOD			100				101				102						
0			0 0 0 0				0 0 0 0				0 0 0 0						
NUMBER OF READINGS ABOVE			103				104				105						
0 % WERE			0 0 0 0				0 0 0 0				0 0 0 0						
RANGE OF OPACITY READINGS			106				107				108						
MINIMUM			0 0 0 0				0 0 0 0				0 0 0 0						
MAXIMUM			0 0 0 0				0 0 0 0				0 0 0 0						
OBSERVER'S NAME (PRINT)			109				110				111						
Allen Rainey			0 0 0 0				0 0 0 0				0 0 0 0						
OBSERVER'S SIGNATURE			112				113				114						
Allen Rainey			0 0 0 0				0 0 0 0				0 0 0 0						
DATE			115				116				117						
9/13/07			0 0 0 0				0 0 0 0				0 0 0 0						
ORGANIZATION			118				119				120						
SE District DEP			0 0 0 0				0 0 0 0				0 0 0 0						
CERTIFIED BY			121				122				123						
ETA			0 0 0 0				0 0 0 0				0 0 0 0						
DATE			124				125				126						
9/11/07			0 0 0 0				0 0 0 0				0 0 0 0						
VERIFIED BY			127				128				129						
-			0 0 0 0				0 0 0 0				0 0 0 0						
DATE			130				131				132						
-			0 0 0 0				0 0 0 0				0 0 0 0						



COMMENTS

sporadic operation of short durations operated 4 times for 10-15 sec

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS

SIGNATURE

TITLE

DATE

OBSERVER'S SIGNATURE

Allen Rainey

DATE

9/13/07

ORGANIZATION

SE District DEP

CERTIFIED BY

ETA

DATE

9/11/07

VERIFIED BY

-

DATE

-



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME						
Tarmac America LLC			9/13/07				10:40 AM		10:50 AM						
ADDRESS			SEC	MIN	0	15	30	45	SEC	MIN	0	15	30	45	
4199 Selwitz Rd.			1	0	0	0	0	31							
CITY	STATE	ZIP	2	0	0	0	0	32							
Ft Pierce	FL	34981	3	0	0	0	0	33							
PHONE	SOURCE ID NUMBER		4	0	0	0	0	34							
	111002		5	0	0	0	0	35							
PROCESS EQUIPMENT		OPERATING MODE		6	0	0	0	36							
Concrete mixer #1 South		Normal		7	0	0	0	37							
CONTROL EQUIPMENT		OPERATING MODE		8	0	0	0	38							
Daghouse		Normal		9	0	0	0	39							
DESCRIBE EMISSION POINT			10	0	0	0	0	40							
START open tube STOP open tube			11					41							
HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER		12				42							
START 30' STOP 30'		START 0' STOP 0'		13				43							
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER		14				44							
START 7' STOP 7'		START NW STOP NW		15				45							
DESCRIBE EMISSIONS			16					46							
START None STOP None			17					47							
EMISSION COLOR		PLUME TYPE		18				48							
START N/A STOP N/A		CONTINUOUS <input type="checkbox"/>		19				49							
		FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		20				50							
WATER DROPLETS PRESENT		IF WATER DROPLET PLUME		21				51							
NO <input type="checkbox"/> YES <input type="checkbox"/>		ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		22				52							
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			23					53							
START outlet STOP outlet			24					54							
DESCRIBE BACKGROUND			25					55							
START corrugated metal STOP same			26					56							
BACKGROUND COLOR		SKY CONDITIONS		27				57							
START silver STOP silver		START scatter STOP same		28				58							
WIND SPEED		WIND DIRECTION		29				59							
START 5-10 STOP 5-10		START SE STOP SE		30				60							
AMBIENT TEMP.		WET BULB TEMP.		RH, percent											
START 89° STOP 89°		-		-											
<p>Source Layout Sketch</p> <p>Draw North Arrow</p> <p>#1 Emission Point #2</p> <p>Sun → Wind → Plume and Stack ← Observers Position</p> <p>140°</p> <p>Sun Location Line</p>			AVERAGE OPACITY FOR HIGHEST PERIOD				NUMBER OF READINGS ABOVE								
			0				0 % WERE								
			RANGE OF OPACITY READINGS				MINIMUM				MAXIMUM				
			0				0								
OBSERVER'S NAME (PRINT)			OBSERVER'S SIGNATURE				DATE								
Allen Rainey			Allen Rainey				9/13/07								
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			CERTIFIED BY				DATE								
SIGNATURE			ETA				9/11/07								
TITLE			VERIFIED BY				DATE								
-			-				-								
COMMENTS															
Sporadic operation of short durations - operated 4 times for 10-15 seconds															