



SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
Stuart Ready Mix			1/26/2012				10:59		11:05			
ADDRESS			SEC		MIN		SEC		MIN		SEC	
1501 Monterey Rd. Ext			0	15	30	45	0	15	30	45		
CITY	STATE	ZIP	1	2	3	4	5	6	7	8		
Stuart	FL	33494	0	0	0	0	31					
PHONE	SOURCE ID NUMBER		4	5	6	7	8	9	10	11		
	#0850004		0	0	0	0	32					
PROCESS EQUIPMENT		OPERATING MODE	3	4	5	6	7	8	9	10		
Weigh Hopper/loadout		EU #001	0	0	0	0	33					
CONTROL EQUIPMENT		OPERATING MODE	4	5	6	7	8	9	10	11		
Central Dust Collector		normal	0	0	0	0	34					
DESCRIBE EMISSION POINT			5	6	7	8	9	10	11	12		
START	STOP		0	1	2	3	4	5	6	7		
			0	0	0	0	35					
HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER		6	7	8	9	10	11	12		
START 45ft	STOP 45ft	START 15ft	STOP 15ft	0	1	2	36					
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER		7	8	9	10	11	12	13		
START 55ft	STOP 55ft	START N	STOP N	0	1	2	37					
DESCRIBE EMISSIONS			8	9	10	11	12	13	14	15		
START	STOP		0	1	2	3	4	5	6	7		
			0	0	0	0	38					
EMISSION COLOR		PLUME TYPE: CONTINUOUS <input type="checkbox"/>		9	10	11	12	13	14	15		
START n/a	STOP n/a	FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		0	1	2	39					
WATER DROPLETS PRESENT		IF WATER DROPLET PLUME:		10	11	12	13	14	15	16		
NO <input checked="" type="checkbox"/>	YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		0	1	2	40					
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			11	12	13	14	15	16	17	18		
START	STOP		0	1	2	3	4	5	6	7		
			0	0	0	0	41					
DESCRIBE BACKGROUND			12	13	14	15	16	17	18	19		
START Concrete Structure	STOP Concrete Structure			0	1	2	42					
BACKGROUND COLOR		SKY CONDITIONS		13	14	15	16	17	18	19		
START Grey	STOP Grey	START Partly cloudy		0	1	2	43					
WIND SPEED		WIND DIRECTION		14	15	16	17	18	19	20		
START 9 mph	STOP 10 mph	START SE		0	1	2	44					
AMBIENT TEMP.		WET BULB TEMP.		15	16	17	18	19	20	21		
START 79°F	STOP 79°F	RH, percent		0	1	2	45					
		67%		16	17	18	46					
<p>Source Layout Sketch: A hand-drawn diagram showing a truck with an emission point. An observer is positioned 140 degrees from the truck. The sun and wind directions are indicated. A 'Surr Location Line' is also shown.</p>			17	18	19	20	47					
			18	19	20	21	48					
			19	20	21	22	49					
			20	21	22	23	50					
			21	22	23	24	51					
			22	23	24	25	52					
			23	24	25	26	53					
			24	25	26	27	54					
			25	26	27	28	55					
			26	27	28	29	56					
AVERAGE OPACITY FOR HIGHEST PERIOD			27	28	29	30	57					
RANGE OF OPACITY READINGS			0	1	2	3	58					
OBSERVER'S NAME (PRINT)			0	1	2	3	59					
OBSERVER'S SIGNATURE			4	5	6	7	60					
DATE			0	1	2	3						
ORGANIZATION			4	5	6	7						
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS			8	9	10	11						
SIGNATURE			0	1	2	3						
DATE			4	5	6	7						
TITLE			8	9	10	11						
CERTIFIED BY			0	1	2	3						
DATE			4	5	6	7						
VERIFIED BY			8	9	10	11						
DATE			0	1	2	3						





SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME				OBSERVATION DATE				START TIME				STOP TIME			
Stuart Ready Mix Concrete				1/26/2012				9:20				9:35			
ADDRESS				MIN		SEC		MIN		SEC		MIN		SEC	
1501 Monterey Rd. Ext.				0	15	30	45	0	15	30	45				
CITY		STATE	ZIP	1		2		3		4		5		6	
Stuart		FL	33494	0	0	0	0	0	0	0	0	0	0	0	0
PHONE		SOURCE ID NUMBER		3		4		5		6		7		8	
		#0850004		0	0	0	0	0	0	0	0	0	0	0	0
PROCESS EQUIPMENT		OPERATING MODE		7		8		9		10		11		12	
#200T Silo		FU #002		0	0	0	0	0	0	0	0	0	0	0	0
CONTROL EQUIPMENT		OPERATING MODE		9		10		11		12		13		14	
Dust Collector				0	0	0	0	0	0	0	0	0	0	0	0
DESCRIBE EMISSION POINT				13		14		15		16		17		18	
START		STOP		0	0	0	0	0	0	0	0	0	0	0	0
HEIGHT ABOVE GROUND LEVEL		HEIGHT RELATIVE TO OBSERVER		19		20		21		22		23		24	
START 90 ft STOP 70 ft		START 85 ft STOP 85 ft		0	0	0	0	0	0	0	0	0	0	0	0
DISTANCE FROM OBSERVER		DIRECTION FROM OBSERVER		25		26		27		28		29		30	
START 80 ft STOP 80 ft		START NE STOP NE		0	0	0	0	0	0	0	0	0	0	0	0
DESCRIBE EMISSIONS				31		32		33		34		35		36	
START		STOP		0	0	0	0	0	0	0	0	0	0	0	0
EMISSION COLOR		PLUME TYPE: CONTINUOUS <input type="checkbox"/>		37		38		39		40		41		42	
START n/a STOP n/a		FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		0	0	0	0	0	0	0	0	0	0	0	0
WATER DROPLETS PRESENT		IF WATER DROPLET PLUME:		43		44		45		46		47		48	
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>		ATTACHED <input 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				49		50		51		52		53		54	
START		STOP		0	0	0	0	0	0	0	0	0	0	0	0
DESCRIBE BACKGROUND				55		56		57		58		59		60	
START Sky		STOP Sky		0	0	0	0	0	0	0	0	0	0	0	0
BACKGROUND COLOR		SKY CONDITIONS		61		62		63		64		65		66	
START Blue STOP Blue		START Partly cloudy STOP Partly cloudy		0	0	0	0	0	0	0	0	0	0	0	0
WIND SPEED		WIND DIRECTION		67		68		69		70		71		72	
START 8 mph STOP 8 mph		START STOP		0	0	0	0	0	0	0	0	0	0	0	0
AMBIENT TEMP.		WET BULB TEMP.		73		74		75		76		77		78	
START 79° STOP 79°		RH. percent		0	0	0	0	0	0	0	0	0	0	0	0
		67%		0	0	0	0	0	0	0	0	0	0	0	0
Source Layout Sketch				79		80		81		82		83		84	
Draw North Arrow				0	0	0	0	0	0	0	0	0	0	0	0
				85		86		87		88		89		90	
<p>AVERAGE OPACITY FOR HIGHEST PERIOD 0</p> <p>RANGE OF OPACITY READINGS 0 MINIMUM 0 MAXIMUM</p> <p>OBSERVER'S NAME (PRINT) Michelle Robinson</p> <p>OBSERVER'S SIGNATURE [Signature] DATE 1/26/12</p> <p>ORGANIZATION FL DEP</p> <p>CERTIFIED BY ETA DATE 1/11/12</p>				91		92		93		94		95		96	
COMMENTS				97		98		99		100		101		102	
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE				103		104		105		106		107		108	
TITLE		DATE		109		110		111		112		113		114	
				115		116		117		118		119		120	





SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME			OBSERVATION DATE				START TIME		STOP TIME			
Tarmac America, LLC							9:21		9:35			
ADDRESS			SEC	0	15	30	45	SEC	0	15	30	45
Stuart Ready Mix Con.			MIN					MIN				
1501 Monteray Rd. Ext.			1	0	0	0	0	31				
CITY	STATE	ZIP	2	0	0	0	0	32				
Stuart	FL	33494	3	0	0	0	0	33				
PHONE	SOURCE ID NUMBER		4	0	0	0	0	34				
	0850004		5	0	0	0	0	35				
PROCESS EQUIPMENT		OPERATING MODE		6	0	0	0	36				
East Silo		EU #003		7	0	0	0	37				
CONTROL EQUIPMENT		OPERATING MODE		8	0	0	0	38				
Dust Collector				9	0	0	0	39				
DESCRIBE EMISSION POINT			10	0	0	0	0	40				
START	STOP		11	0	0	0	0	41				
HEIGHT ABOVE GROUND LEVEL	HEIGHT RELATIVE TO OBSERVER		12	0	0	0	0	42				
START 70ft STOP 70	START 65ft STOP 65ft		13	0	0	0	0	43				
DISTANCE FROM OBSERVER	DIRECTION FROM OBSERVER		14	0	0	0	0	44				
START 30ft STOP 30	START N STOP N		15					45				
DESCRIBE EMISSIONS			16					46				
START	STOP		17					47				
EMISSION COLOR	PLUME TYPE CONTINUOUS <input type="checkbox"/>		18					48				
START n/a STOP n/a	FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>		19					49				
WATER DROPLETS PRESENT	IF WATER DROPLET PLUME		20					50				
NO <input checked="" type="checkbox"/> YES <input type="checkbox"/>	ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>		21					51				
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			22					52				
START	STOP		23					53				
DESCRIBE BACKGROUND			24					54				
START Sky	STOP Sky		25					55				
BACKGROUND COLOR	SKY CONDITIONS		26					56				
START Blue STOP Blue	START Partly Cloudy STOP Cloudy		27					57				
WIND SPEED	WIND DIRECTION		28					58				
START 8mph STOP 8mph	START STOP		29					59				
AMBIENT TEMP.	WET BULB TEMP.	RH, percent	30					60				
START 79 STOP 79		67%	AVERAGE OPACITY FOR HIGHEST PERIOD			NUMBER OF READINGS ABOVE % WERE						
<p>Source Layout Sketch</p> <p>Draw North Arrow</p>			0			0						
			RANGE OF OPACITY READINGS			MINIMUM			MAXIMUM			
OBSERVER'S NAME (PRINT)			OBSERVER'S SIGNATURE			DATE						
Michaella Robinson			Michaella Robinson			1/26/2012						
COMMENTS			ORGANIZATION			CERTIFIED BY						
			FL DEP			ETA						
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE			VERIFIED BY			DATE						
						1/11/12						
TITLE			DATE			DATE						

Adapted from EPA Quality Assurance Handbook for Air Pollution Measurement Systems: Volume III. Stationary Source Specific Methods (EPA-600/4-77-027b) February 1984





SE DISTRICT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Visible Emission Observation Form

SOURCE NAME <b>TARMAC - Stuart Ready Mix</b>				OBSERVATION DATE <b>1/26/2012</b>				START TIME <b>10:17</b>				STOP TIME <b>10:45</b>			
ADDRESS <b>1501 Monterey Rd. Ext.</b>				CITY <b>STUART</b>				STATE <b>FL</b>				ZIP <b>33494</b>			
PHONE # <b>#0850004</b>				SOURCE ID NUMBER <b>EU004</b>				PROCESS EQUIPMENT <b>Silo West</b>				OPERATING MODE <b>EU #004</b>			
CONTROL EQUIPMENT <b>Dust Collector</b>				DESCRIBE EMISSION POINT START _____ STOP _____				HEIGHT ABOVE GROUND LEVEL START <b>70</b> STOP <b>70</b>				HEIGHT RELATIVE TO OBSERVER START <b>65</b> STOP <b>65</b>			
DISTANCE FROM OBSERVER START <b>60</b> STOP <b>107</b>				DIRECTION FROM OBSERVER START <b>NE</b> STOP <b>NE</b>				EMISSION COLOR START _____ STOP _____				PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>			
WATER DROPLETS PRESENT NO <input checked="" 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 _____ STOP _____				DESCRIBE BACKGROUND START <b>sky</b> STOP <b>sky</b>			
BACKGROUND COLOR START <b>Blue</b> STOP <b>white</b>				SKY CONDITIONS START <b>partly cloudy</b> STOP <b>partly cloudy</b>				WIND SPEED START <b>9mph</b> STOP <b>9mph</b>				WIND DIRECTION START <b>SE</b> STOP <b>SE</b>			
AMBIENT TEMP. START <b>79°F</b> STOP <b>79°</b>				WET BULB TEMP. ←				RH, percent <b>67%</b>				AVERAGE OPACITY FOR HIGHEST PERIOD <b>0</b>			
<p>Source Layout Sketch</p>				NUMBER OF READINGS ABOVE _____ % WERE _____				RANGE OF OPACITY READINGS MINIMUM _____ MAXIMUM _____							
				OBSERVER'S NAME (PRINT) <b>Michelle Robinson</b>				OBSERVER'S SIGNATURE <i>Michelle Robinson</i>				DATE <b>1/11/2012</b>			
				COMMENTS				ORGANIZATION <b>FL DEP</b>				CERTIFIED BY <b>ETA</b>			
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE				DATE				VERIFIED BY				DATE			