

SOURCE TEST REPORT

VISIBLE EMISSIONS

FROM

**MULLINIKS CONSTRUCTION COMPANY
12030 ALICO ROAD
FORT MYERS, FLORIDA 32703**

PORTABLE ASPHALT-CONCRETE CRUSHER

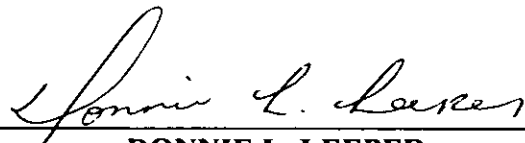
MARCH 4, 1998

PREPARED FOR

**DARABI AND ASSOCIATES
730 NORTH WALDO ROAD SUITE A
GAINESVILLE, FLORIDA 32606**

PREPARED BY

**ASTECH ENVIRONMENTAL SERVICES
13170-58 ATLANTIC BLVD. SUITE 131
JACKSONVILLE, FLORIDA 32225
(904) 221-7174**



DONNIE L. LEEPER

RECEIVED
JUL 15 1998
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AIR REGULATION

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JUL 15 1998
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AIR REGULATION

Visible Emission Observation Form

SOURCE NAME Mullinix Construction Co.

ADDRESS 12030 Alico Road

CITY Fort Myers STATE FL ZIP FL

PHONE (904) 764-3644 SOURCE ID NUMBER 777-5037-006-AC

PROCESS EQUIPMENT Primary Screen OPERATING MODE 150 TPH

CONTROL EQUIPMENT Water Spray OPERATING MODE As needed

DESCRIBE EMISSION POINT
START ~ 3' x 6' open top STOP Hopper w/Screen

HEIGHT ABOVE GROUND LEVEL
START 20' STOP Same

HEIGHT RELATIVE TO OBSERVER
START 15' STOP Same

DISTANCE FROM OBSERVER
START ~ 50' STOP Same

DIRECTION FROM OBSERVER
START Northwest STOP 300° ✓

DESCRIBE EMISSIONS
START Clear STOP Same

EMISSION COLOR
START Clear STOP Same

PLUME TYPE CONTINUOUS RUGITIVE INTERMITTENT

WATER DROPLETS PRESENT
NO YES

IF WATER DROPLET PLUME ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START 1 Foot Above Screen STOP Same

DESCRIBE BACKGROUND
START SKY STOP Same

BACKGROUND COLOR
START blue STOP Same

SKY CONDITIONS
START Clear STOP Same

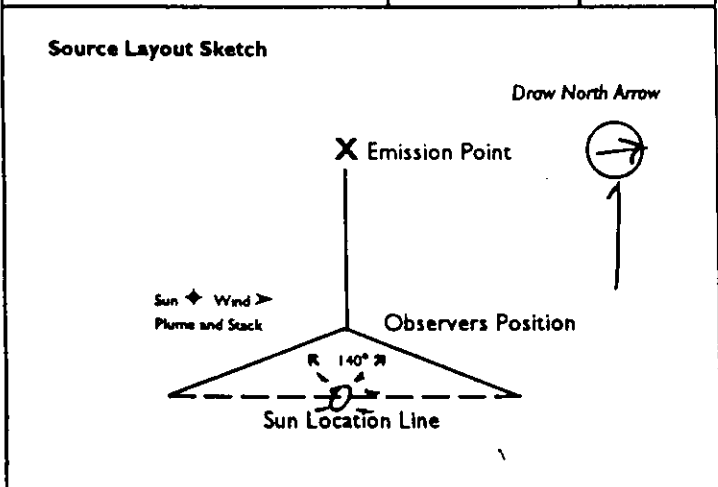
WIND SPEED
START 5-10 MPH STOP

WIND DIRECTION
START EAST STOP

AMBIENT TEMP
START STOP

WET BULB TEMP RH.percent

OBSERVATION DATE		START TIME				STOP TIME					
3-4-78		0920				0950					
MIN	SEC	0	15	30	45	MIN	SEC	0	15	30	45
1	0	0	0	0	0	31					
2	0	0	0	0	0	32					
3	0	0	0	0	0	33					
4	0	0	0	0	0	34					
5	0	0	0	0	0	35					
6	0	0	0	0	0	36					
7	0	0	0	0	0	37					
8	0	0	0	0	0	38					
9	0	0	0	0	0	39					
10	0	0	0	0	0	40					
11	0	0	0	0	0	41					
12	0	0	0	0	0	42					
13	0	0	0	0	0	43					
14	0	0	0	0	0	44					
15	0	0	0	0	0	45					
16	0	0	0	0	0	46					
17	0	0	0	0	0	47					
18	0	0	0	0	0	48					
19	0	0	0	0	0	49					
20	0	0	0	0	0	50					
21	0	0	0	0	0	51					
22	0	0	0	0	0	52					
23	0	0	0	0	0	53					
24	0	0	0	0	0	54					
25	0	0	0	0	0	55					
26	0	0	0	0	0	56					
27	0	0	0	0	0	57					
28	0	0	0	0	0	58					
29	0	0	0	0	0	59					
30	0	0	0	0	0	60					



COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS

SIGNATURE _____ DATE _____

TITLE _____ DATE _____

AVERAGE OPACITY FOR HIGHEST PERIOD 00% NUMBER OF READINGS ABOVE 20 % WERE 0

RANGE OF OPACITY READINGS
MINIMUM 0 MAXIMUM 0

OBSERVER'S NAME (PRINT) Down E Loper

OBSERVER'S SIGNATURE Down E Loper DATE 3-4-78

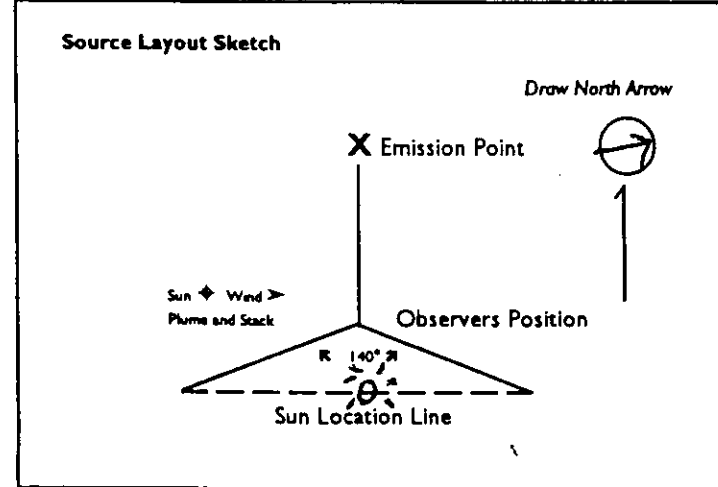
A Stech Environmental Services

CERTIFIED BY E.T.A. DATE 12-3-97

VERIFIED BY _____ DATE _____

Visible Emission Observation Form

SOURCE NAME Mulliniks Construction Co.		
ADDRESS 12030 Alico Road		
CITY Fort Myers	STATE FL	ZIP 32703
PHONE (804) 764-3644	SOURCE ID NUMBER 777-5037-002-1C	
PROCESS EQUIPMENT Primary Crusher	OPERATING MODE 150 TPH	
CONTROL EQUIPMENT Water Spray	OPERATING MODE As Needed	
DESCRIBE EMISSION POINT START ~ 3' x 6' Square STOP open to Hopper		
HEIGHT ABOVE GROUND LEVEL START 20' STOP Same	HEIGHT RELATIVE TO OBSERVER START 15' STOP Same	
DISTANCE FROM OBSERVER START ~ 80' STOP Same	DIRECTION FROM OBSERVER START Northwest STOP 270°	
DESCRIBE EMISSIONS START Clear STOP Same		
EMISSION COLOR START None STOP Same	PLUME TYPE CONTINUOUS <input checked="" 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 1 foot Above Crusher STOP Same		
DESCRIBE BACKGROUND START SKY STOP Same		
BACKGROUND COLOR START blue STOP Same	SKY CONDITIONS START Clear STOP Same	
WIND SPEED START 5-10 MPH STOP Same	WIND DIRECTION START EAST STOP Same	
AMBIENT TEMP START STOP	WET BULB TEMP	RH. percent



COMMENTS * NOTES / order was in sight when reading was taken	
I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS	
SIGNATURE	DATE
TITLE	DATE

OBSERVATION DATE 3-4-98		START TIME 0920				STOP TIME 0950			
SEC MIN	0	15	30	45	SEC MIN	0	15	30	45
1	0	0	0	0	31				
2	0	0	0	0	32				
3	0	0	0	0	33				
4	*	0	0	0	34				
5	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	40				
11	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	45				
16	0	0	0	0	46				
17	0	*	0	0	47				
18	0	0	0	0	48				
19	*	0	0	0	49				
20	0	0	0	0	50				
21	0	0	0	0	51				
22	0	0	*	0	52				
23	0	0	0	0	53				
24	0	*	0	0	54				
25	0	0	*	0	55				
26	0	0	0	0	56				
27	0	0	0	0	57				
28	*	0	0	0	58				
29	0	0	0	0	59				
30	0	0	0	0	60				

AVERAGE OPACITY FOR HIGHEST PERIOD 0%	NUMBER OF READINGS ABOVE 20 % WERE 0
RANGE OF OPACITY READINGS MINIMUM 0 MAXIMUM 0	
OBSERVER'S NAME (PRINT) Donnie Leeper	
OBSERVER'S SIGNATURE <i>Donnie Leeper</i>	DATE 3-4-98
Astech ENVIRONMENTAL Services	
CERTIFIED BY E.T.A.	DATE 12-3-97
VERIFIED BY	DATE

PROCESS WEIGHT CERTIFICATION

Date: 3-4-93 Sampling Time: From 0920 To 0950

Statement of Process Weight:

Company Name Mulliniks Const Co. Inc.
Mailing Address 5937 Soutel Drive / Jacksonville, FL 32219
Source Identification Concrete Asphalt Crusher
Source Location 12030 Alico Road Fort Myers, FL 32703

Data on Operating Cycle Time:

Start of Operation, Time 09:15 A.M.
End of Operation, Time ~~09~~ 5:30 P.M.
Elapsed Time _____
Idle Time During Cycle _____

Design Process Rating:
Process Weight Rate (Input) _____ (Output) _____

Data on Actual Process Rate During Operation Cycle:

(Include Specifications on Fossil Fuels)

Material	<u>Asphalt</u>	Rate*	<u>150 tph</u>
Material	<u>Asphalt</u>	Rate*	<u>150 TPH</u>
Material	<u>Asphalt</u>	Rate*	<u>150 TPH</u>
	Total Process Weight	Rate*	_____
Product	<u>Asphalt</u>	Rate*	<u>150 TPH</u>

- * For phosphate process expressed as actual tons/hour and as tons P₂O₅/hour
- For fossil fuel steam generators expressed as BTU/hour heat input
- ** For sulfuric acid plants expressed as 100% H₂SO₄/hour

I certify that the above statement is true to the best of my knowledge and belief.

Signature Patrick Mulliniks Title Supervisor

Source Numbers:

VISIBLE EMISSIONS EVALUATOR

This is to certify that

Donnie Leeper

met the specifications of Federal Reference Method 9 and qualified 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, North Carolina. This certificate is valid for six months from date of issue.

Thom Rose

President

Will Speer

Vice President

David B. Savage, Jr.

Program Manager

262288

Certificate Number

Jacksonville, Florida

Location

December 3, 1997

Date of Issue

VISIBLE EMISSIONS EVALUATION

This is to certify that

Donnie Leeper

did complete a course in the methods of determining opacity of visible emissions from sources as specified by Federal Reference Method 9 conducted by Eastern Technical Associates of Raleigh, North Carolina.

William H. Charles

Course Moderator

Jacksonville, Florida

Location

June 4, 1996

Date



919-878-3188

DATE: JUNE 25, 1996
TO: FIELD CERTIFIERS
FROM: EASTERN TECHNICAL ASSOCIATES
REGARDING: JACKSONVILLE, FLORIDA
VISIBLE EMISSIONS TRAINING PROGRAM

ETA is enclosing your certificates for Field Certification (Visible Emissions Evaluator) and/or Classroom Lecture attendance (Visible Emissions Evaluation). For your convenience, we have also enclosed a wallet card to indicate certification in the Field.

The following person(s) achieved a written test grade of 88% or more and therefore, if they maintain continuous field certification, are not required to attend the lecture again until thirty-six (36) months from this school. If an individual fails to recertify on any six (6) months anniversary, they would need to take the lecture at the next smoke school they attend.

^{Leeper}
~~PETERS~~ DONNIE PETERS- D.P. ASTECH ENVIRONMENTAL SERVICES

We wish to congratulate you and invite you to recertify with us again. If we can be of further assistance, please do not hesitate to call.

Sincerely,

David B. Savage
Manager
Visible Emissions Program

Enclosure