

SOURCE TEST REPORT

VISIBLE EMISSIONS

FROM

**MULLINIKS CONSTRUCTION COMPANY
10382 FLORIDA MINING BLVD.
JACKSONVILLE, FLORIDA 32223**

PORTABLE ASPHALT-CONCRETE CRUSHER

MARCH 5, 1998

PREPARED FOR

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

38

PREPARED BY

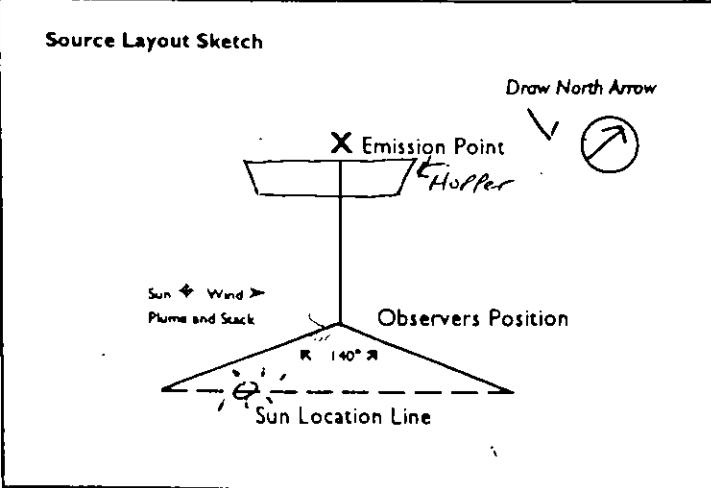
**ASTECH ENVIRONMENTAL SERVICES
13170-58 ATLANTIC BLVD. SUITE 131
JACKSONVILLE, FLORIDA 32225
(904) 221-7174**

Donnie L. Leeper

DONNIE L. LEEPER

SOURCE NAME *MULLINIKS Construction Co.*
 ADDRESS *10382 FL MINING BLVD*
 CITY *JACKSONVILLE* STATE *FL* ZIP *32223*
 PHONE *(904) 764-3644* SOURCE ID NUMBER *777-5038-002-AC*
 PROCESS EQUIPMENT *Primary Crusher* OPERATING MODE *150 TPH*
 CONTROL EQUIPMENT *Water Spray* OPERATING MODE *As Needed*
 DESCRIBE EMISSION POINT START *6' x 10' Hopper STOP w/crusher inside*
 HEIGHT ABOVE GROUND LEVEL START *13'* STOP *same* HEIGHT RELATIVE TO OBSERVER START *8'* STOP *same*
 DISTANCE FROM OBSERVER START *40'* STOP *same* DIRECTION FROM OBSERVER START *NE* STOP *same*
 DESCRIBE EMISSIONS START *clear* STOP *same*
 EMISSION COLOR START *clear* STOP *same* PLUME TYPE CONTINUOUS FUGITIVE 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 Top of Crusher* STOP *same*
 DESCRIBE BACKGROUND START *SKY* STOP *same*
 BACKGROUND COLOR START *grey* STOP *same* SKY CONDITIONS START *broken* STOP *same*
 WIND SPEED START *3-5 mph* STOP *same* WIND DIRECTION START *NW* STOP *same*
 AMBIENT TEMP START _____ STOP _____ WET BULB TEMP _____ RH.percent _____

OBSERVATION DATE		START TIME				STOP TIME					
3-5-98		1505				1625					
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					



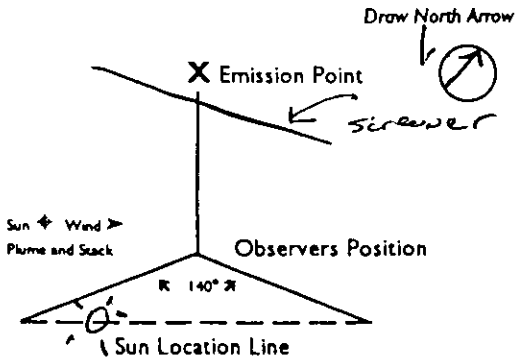
AVERAGE OPACITY FOR HIGHEST PERIOD *0%* NUMBER OF READINGS ABOVE *20* % WERE *0*
 RANGE OF OPACITY READINGS MINIMUM *0* MAXIMUM *0*
 OBSERVER'S NAME (PRINT) *Donnie Leeper*
 OBSERVER'S SIGNATURE *Donnie Leeper* DATE *3-5-98*
 I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE *Asteek Environmental Services*
 CERTIFIED BY *E. T. A.* DATE *12-3-97*
 VERIFIED BY _____ DATE _____

COMMENTS _____
 I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE _____
 TITLE _____ DATE _____

SOURCE NAME MULLINIX Construction Co.
 ADDRESS 10382 FL Mining Blvd.
 CITY Jacksonville STATE FL ZIP 32223
 PHONE 904 764-3644 SOURCE ID NUMBER 777-503B-002-AL
 PROCESS EQUIPMENT Secondary Crusher OPERATING MODE 150 TPH
 CONTROL EQUIPMENT Water Spray OPERATING MODE As Needed
 DESCRIBE EMISSION POINT START ~ 36" drum Roller feeding to screener STOP
 HEIGHT ABOVE GROUND LEVEL START 78' STOP Same HEIGHT RELATIVE TO OBSERVER START 40' 31' STOP Same
 DISTANCE FROM OBSERVER START 60' STOP Same DIRECTION FROM OBSERVER START NE STOP Same
 DESCRIBE EMISSIONS START Clear STOP Same
 EMISSION COLOR START Clear STOP Same PLUME TYPE CONTINUOUS FUGITIVE 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 secondary crusher STOP
 DESCRIBE BACKGROUND START sky STOP Same
 BACKGROUND COLOR START Grey STOP Same SKY CONDITIONS START Broken STOP Same
 WIND SPEED START 3-5 STOP Same WIND DIRECTION START NW STOP Same
 AMBIENT TEMP START _____ STOP _____ WET BULB TEMP _____ RH.percent _____

OBSERVATION DATE <u>3-5-98</u>	START TIME <u>1505</u>				STOP TIME <u>1625</u>					
	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	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					
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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	0	0	59					
30	0	0	0	0	60					

Source Layout Sketch



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 Donnie Leeper DATE 3-5-98
Asteeh Environmental Services
 CERTIFIED BY E.T.A. DATE 12-3-97
 VERIFIED BY _____ DATE _____

COMMENTS _____
 I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE _____
 TITLE _____ DATE _____

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 Love

President

Will S. [Signature]

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



**EASTERN
TECHNICAL
ASSOCIATES**

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}
~~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