

Better Roads, Inc.

Rock Crusher

Visible Emissions Report 1033-V

March 22, 2001

Arlington Environmental, Inc. 

RECEIVED

MAR 30 2001

BUREAU OF AIR REGULATION

Introduction

Better Roads, Inc. operates a relocatable Hazmag Model KR131D2912 Crushing Plant presently located near State Road 31 on Babcock Ranch property 2.5 miles south of Tucker's Corner in Charlotte County, Florida. On Thursday, March 22, 2001, visible emission tests were performed on the emission points servicing the crushing system.

Tests were conducted on the crusher feeder, classifier screens, conveyors, primary diesel engine, and an auxiliary diesel electric generator.

The tests were performed in order to comply with the permit conditions set forth by the Florida Department of Environmental Protection, Permit No. 7775122-001-AC, issued by the State of Florida, Department of Environmental Protection.

During the testing period, 275 tons per hour of materials were crushed. Plant personnel provided the production data.

The results of this test verify compliance with the above referenced Permit, and the Emission Standards as set forth in 40 CFR 60 Subpart OOO.

SUMMARY OF RESULTS

BETTER ROADS, INC.
ROCK CRUSHER
REPORT 1033-V
03/22/2001

EMISSION UNIT	REPORT	DESCRIPTION	ALLOWABLE	MAX 6 MIN AVERAGE
OO1	1033-V-1	RECEIVING HOPPER & CRUSHER	10% & 15%	1.04%
	1033-V-2	RETURN TO HOPPER	10%	0.20%
	1033-V-3	DROP OFF POINT 1	10%	0.42%
	1033-V-6	SCREENS	10%	0.00%
	1033-V-7	DROP OFF TO RETURN	10%	0.00%
	1033-V-8a & b	DROP OFF TO PILES	10%	0.00%
OO2	1033-V-4	CRUDHER DEISEL	20%	4.79%
OO3	1033-V-5	GENERATOR	20%	6.30%

1033-V 1-4



1033-V 4



1033-V 5



1033-V 6-7



1033-V 8a



1033-V 8b



Photographed 3/22/01

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 001 RECEIVING HOPPER & GRIZZLY FEEDER
REPORT 1033-V 1
03/22/2001**

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

ALLOWABLE OPACITY	10		
NUMBER OF READINGS ABOVE	10	=	0
HIGHEST 6 MINUTE AVERAGE	1.04		
AVERAGE OPACITY	0.15		
READINGS RANGED FROM	0	TO	10

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 001 RETURN TO HOPPER & GRIZZLY FEEDER
REPORT 1033-V 2
03/22/2001**

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

ALLOWABLE OPACITY	10		
NUMBER OF READINGS ABOVE	10	=	0
HIGHEST 6 MINUTE AVERAGE	0.20		
AVERAGE OPACITY	0.06		
READINGS RANGED FROM	0	TO	5

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 001 DROP OFF POINT #1
REPORT 1033-V 3
03/22/2001**

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

ALLOWABLE OPACITY	10		
NUMBER OF READINGS ABOVE	10	=	0
HIGHEST 6 MINUTE AVERAGE	0.42		
AVERAGE OPACITY	0.06		
READINGS RANGED FROM	0	TO	5

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 002 CRUSHER DIESEL
REPORT 1033-V 4
03/22/2001**

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

ALLOWABLE OPACITY	20			
NUMBER OF READINGS ABOVE	20	=		0
HIGHEST 6 MINUTE AVERAGE	4.79			
AVERAGE OPACITY	4.00			
READINGS RANGED FROM	0	TO		10

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 003 GENERATOR
REPORT 1033-V 5
03/22/2001**

MIN/SEC	0	15	30	45	MIN/SEC	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	5	40				
11	0	0	0	0	41				
12	0	5	0	0	42				
13	0	0	5	0	43				
14	0	0	0	0	44				
15	0	0	0	0	45				
16	0	0	0	0	46				
17	0	5	0	0	47				
18	0	0	0	0	48				
19	0	0	0	0	49				
20	0	0	5	5	50				
21	0	0	0	0	51				
22	0	0	0	0	52				
23	0	0	0	0	53				
24	5	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	5	0	60				

ALLOWABLE OPACITY	20		
NUMBER OF READINGS ABOVE	20	=	0
HIGHEST 6 MINUTE AVERAGE	0.63		
AVERAGE OPACITY	0.33		
READINGS RANGED FROM	0	TO	5

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 001 SCREENS
REPORT 1033-V 6
03/22/2001**

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

ALLOWABLE OPACITY	20		
NUMBER OF READINGS ABOVE	20	=	0
HIGHEST 6 MINUTE AVERAGE	0.00		
AVERAGE OPACITY	0.00		
READINGS RANGED FROM	0	TO	0

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 001 DROP OFF TO RETURN
REPORT 1033-V 7
03/22/2001**

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

ALLOWABLE OPACITY	20		
NUMBER OF READINGS ABOVE	20	=	0
HIGEST 6 MINUTE AVERAGE	0.00		
AVERAGE OPACITY	0.00		
READINGS RANGED FROM	0	TO	0

Arlington Environmental, Inc.

VISIBLE EMISSION TEST EPA METHOD 9 FIELD DATA

**BETTERROADS, INC.
ROCK CRUSHER
UNIT 001 DROP OFF TO PILE
REPORT 1033-V 8a & b
03/22/2001**

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

ALLOWABLE OPACITY	20		
NUMBER OF READINGS ABOVE	20	=	0
HIGHEST 6 MINUTE AVERAGE	0.00		
AVERAGE OPACITY	0.00		
READINGS RANGED FROM	0	TO	0

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method (Use 9, C, or One)
 Method 9 203A 203B Other: _____

Company Name
Better Roads, Inc.
 Facility Name
Baker Ranch
 Street Address
SR # 31
 City
Punta Gorda State
FL. Zip

Process
Rock Crusher Unit # Operating Mode
275 Tons/hr.
 Control Equipment
Water Sprays Operating Mode
Normal

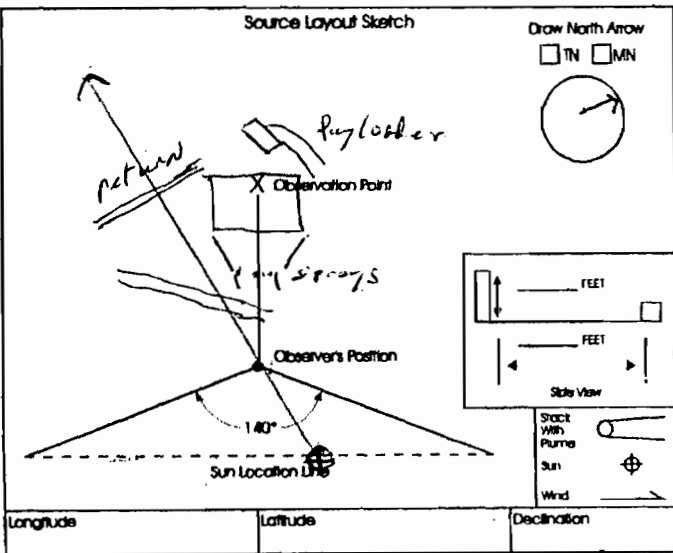
Describe Emission Point
Crusher Hopper + Drop off

Height of Emis. Pt.
 Start **20'** End Height of Emis. Pt. Rel. to Observer
 Start **20'** End
 Distance to Emis. Pt.
 Start **80'** End Direction to Emis. Pt. (Degrees)
 Start **330°** End

Vertical Angle to Obs. Pt.
 Start **20'** End Direction to Obs. Pt. (Degrees)
 Start **330°** End
 Distance and Direction to Observation Point from Emission Point
 Start End

Describe Emissions
 Start **Fugitive** End
 Emission Color
Water Droplet Plume
 Start **W** End Attached Detached None

Describe Plume Background
 Start **Sky** End
 Background Color
Sky Conditions
 Start **blue** End Start **Scattered** End
 Wind Speed
3-5 End Wind Direction
 Start **SE** End
 Ambient Temp.
71°F End Wet Bulb Temp. RH Percent



Additional Information
Receiving Hopper + Drop off
max readings

Form Number _____ Page _____ of _____
 Continued on VEO Form Number
1033-V-1

Observation Date	Time Zone				Start Time		End Time		
	Sec	0	15	30	45	0	15	30	45
3-22-01						10:20		11:20	
1	0	0	0	0	0	0	0	0	0
2	5	0	0	0	0	0	0	0	0
3	0	5	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0
5	5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0
7	0	0	10	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0
10	0	0	0	0	5	0	0	0	0
11	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0
24	0	0	5	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0

Observer's Name (Print)
W. Arlington
 Observer's Signature
W. Arlington Date **3-23-01**
 Organization
Arlington Environmental, Inc.
 Certified By
ETA Date **1-10-01**

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Form Number _____ Page _____ of _____
 Continued on VEO Form Number 1032-V-2

Company Name: Better Roads
 Facility Name: Rock Crusher
 Street Address: SR# 32
 City: Punta Gorda State: FL Zip: _____
 Process: Rock Crusher Unit #: _____ Operating Mode: 275 tons/hr.
 Control Equipment: None Operating Mode: _____

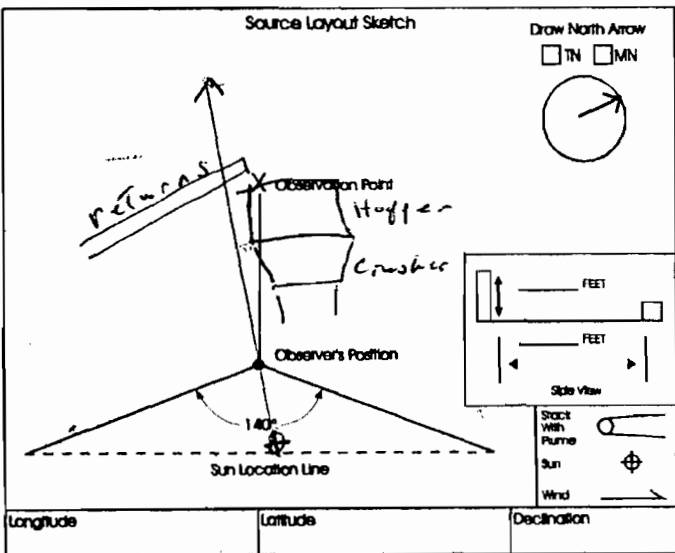
Describe Emission Point:
reject return to crusher

Height of Emiss. Pt. Start 20' End _____
 Distance to Emiss. Pt. Start 60' End _____
 Height of Emiss. Pt. Rel. to Observer Start 20' End _____
 Direction to Emiss. Pt. (Degrees) Start 330° End _____

Vertical Angle to Obs. Pt. Start 20° End _____
 Direction to Obs. Pt. (Degrees) Start 330° End _____
 Distance and Direction to Observation Point from Emission Point
 Start _____ End _____

Describe Emissions
 Start _____ End _____
 Emission Color: _____
 Start _____ End _____
 Water Droplet Plume: Attached Detached None

Describe Plume Background
 Start sky End _____
 Background Color: blue Sky Conditions: Scattered End _____
 Wind Speed: 3-5 Wind Direction: SE
 Ambient Temp. Start 71°F End 71°F
 Wet Bulb Temp. _____ RH Percent _____



Additional Information: return to Hopper

Sec Min	Time Zone				Start Time		End Time	
	0	15	30	45	0	15	30	45
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	5
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0

Observer's Name (Print): W. Arlingston
 Observer's Signature: W. Arlingston Date: 3-23-01
 Organization: Arlingston Environmental, Inc.
 Certified by: E T A Date: 1-10-01

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Form Number _____ Page _____ of _____
 Continued on VEO Form Number
1033-V-3

Company Name
Better Roads

Facility Name
Rock Crusher

Street Address
SR # 32

City
Punta Gorda State
FL Zip

Process
Rock Crusher Unit # _____ Operating Mode
275 tons/hr.

Control Equipment
None Operating Mode _____

Describe Emission Point
Crusher belt to Screen belt

Height of Emis. Pt.
Start 20' End _____

Height of Emis. Pt. Rel. to Observer
Start 20' End _____

Distance to Emis. Pt.
Start 50' End _____

Direction to Emis. Pt. (Degrees)
Start 310° End _____

Vertical Angle to Obs. Pt.
Start 20° End _____

Direction to Obs. Pt. (Degrees)
Start 310° End _____

Distance and Direction to Observation Point from Emission Point
Start _____ End _____

Describe Emissions

Start _____ End _____

Emission Color
Start _____ End _____

Water Droplet Plume
Attached Detached None

Describe Plume Background

Start SKY End _____

Background Color
Start blue End _____

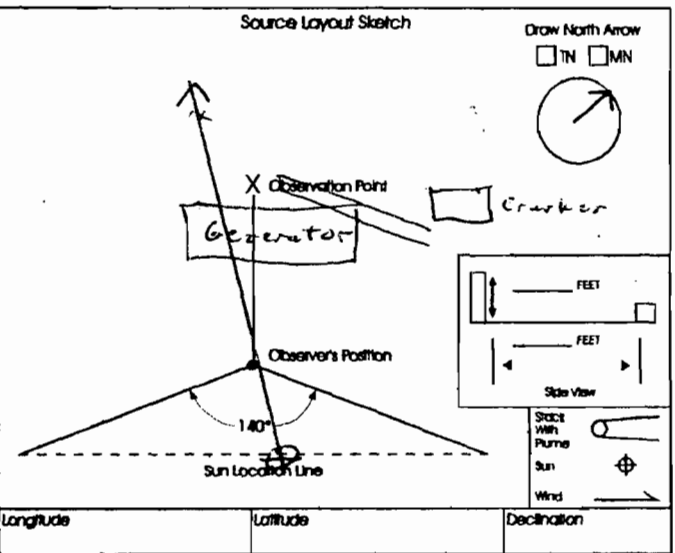
Wind Speed
Start 3-5 End _____

Wind Direction
Start SE End _____

Ambient Temp.
Start 71°F End 71°F

Sky Conditions
Start Scattered End _____

Wet Bulb Temp. _____ RH Percent _____



Additional Information
Deep off point 1

Min	Observation Date				Time Zone				Start Time		End Time		
	Sec	0	15	30	45	0	15	30	45	0	15	30	45
1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	5	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	5	0	0	0
29	0	0	0	0	0	0	0	0	5	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0

Observer's Name (Print)
W. Arlington

Observer's Signature
W. Arlington Date
3-23-01

Organization
Arlington Environmental, Inc.

Certified By
ETA Date
1-10-01

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name
Better Roads

Facility Name
Rock Crusher

Street Address
SR # 31

City
Punta Gorda State
Fl. Zip

Process
Crusher Diesel Unit # Operating Mode
Full load

Control Equipment
None Operating Mode

Describe Emission Point
Exhaust Pipe

Height of Emis. Pt. Height of Emis. Pt. Rel. to Observer

Start **20'** End Start **20'** End

Distance to Emis. Pt. Direction to Emis. Pt. (Degree)

Start **330'** End Start **330'** End

Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degree)

Start **20'** End Start **330'** End

Distance and Direction to Observation Point from Emission Point

Start **80' @ 330'** End

Describe Emissions

Start End

Emission Color Water Droplet Plume

Start **black** End Attached Detached None

Describe Plume Background

Start **Sky** End

Background Color Sky Conditions

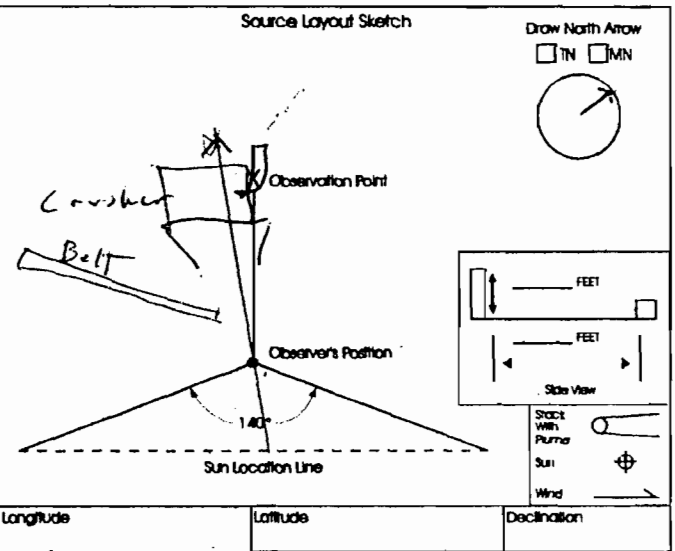
Start **blue** End Start **Scattered** End

Wind Speed Wind Direction

Start **4-7** End Start **S.E.** End

Ambient Temp. Wet Bulb Temp. RH Percent

Start **72'** End



Additional Information
Crusher Diesel

Form Number _____ Page _____ Of _____

Continued on VEO Form Number
1032-V-4

Min	Observation Date				Time Zone				Start Time		End Time		
	Sec	0	15	30	45	0	15	30	45	0	15	30	45
1	0	0	0	0									
2	0	0	10	0									
3	0	0	0	0									
4	0	5	0	5									
5	5	5	0	0									
6	5	5	5	5									
7	0	5	0	0									
8	5	5	5	5									
9	10	5	5	5									
10	5	5	0	0									
11	5	5	5	5									
12	5	0	5	5									
13	10	5	5	5									
14	5	5	0	5									
15	5	0	5	5									
16	5	0	10	5									
17	5	5	0	0									
18	5	5	0	5									
19	5	5	5	0									
20	5	5	5	5									
21	0	0	10	10									
22	5	5	5	5									
23	5	5	5	5									
24	5	10	5	5									
25	5	5	5	5									
26	5	5	5	5									
27	5	5	5	5									
28	5	5	5	5									
29	5	5	5	5									
30	0	10	5	5									

Observer's Name (Print)
W. Arlington

Observer's Signature
W. Arlington Date
3-22-01

Organization
Arlington Environmental, Inc.

Certified By
ETA Date
1-10-01

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name
Better Roads
 Facility Name
Rock Crusher
 Street Address
SR #31
 City
Punta Gorda State
Fl. Zip

Process
Generator Unit # Operating Mode
Full load
 Control Equipment
None Operating Mode

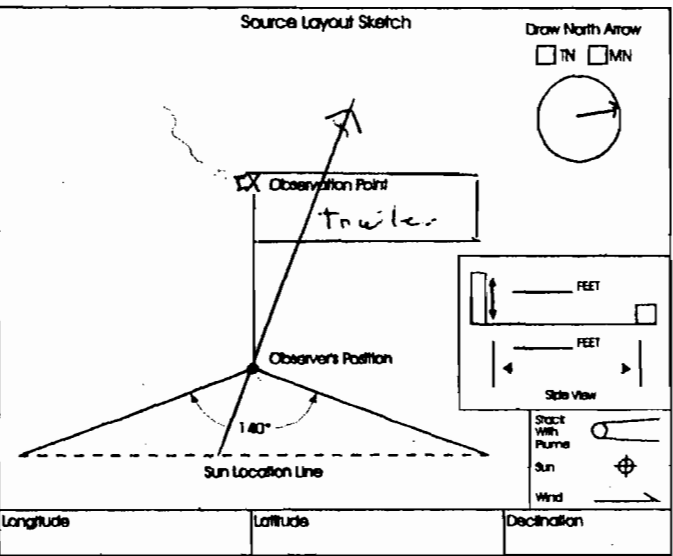
Describe Emission Point
horizontal Exhaust pipe

Height of Emiss. Pt.
 Start 20' End Height of Emiss. Pt. Rel. to Observer
 Start 20' End
 Distance to Emiss. Pt.
 Start 80' End Direction to Emiss. Pt. (Degrees)
 Start 280' End

Vertical Angle to Obs. Pt.
 Start 20° End Direction to Obs. Pt. (Degrees)
 Start 280° End
 Distance and Direction to Observation Point from Emission Point
 Start End

Describe Emissions
 Start End
 Emission Color
 Start black End Water Droplet Plume
 Attached Detached None

Describe Plume Background
 Start sky End
 Background Color
 Start blue End Sky Conditions
 Start Scattered End
 Wind Speed
 Start 4-7 End Wind Direction
 Start End
 Ambient Temp.
 Start 72°F End 76°F Wet Bulb Temp. RH Percent



Additional Information
Generator

Form Number Page of
 Continued on VEO Form Number
1033-V-5

Min	Observation Date				Time Zone				Start Time		End Time		
	Sec	0	15	30	45	0	15	30	45	0	15	30	45
1	0	0	0	0									
2	0	0	0	0									
3	0	0	0	0									
4	0	0	0	0									
5	0	0	0	0									
6	0	0	0	0									
7	0	0	0	0									
8	0	0	0	0									
9	0	0	0	0									
10	0	0	0	5									
11	0	0	0	0									
12	0	5	0	0									
13	0	0	5	0									
14	0	0	0	0									
15	0	0	0	0									
16	0	0	0	0									
17	0	5	0	0									
18	0	0	0	0									
19	0	0	0	0									
20	0	0	5	5									
21	0	0	0	0									
22	0	0	0	0									
23	0	0	0	0									
24	5	0	0	0									
25	0	0	0	0									
26	0	0	0	0									
27	0	0	0	0									
28	0	0	0	0									
29	0	0	0	0									
30	0	0	5	0									

Observer's Name (Print)
W. Arlington
 Observer's Signature
W. Arlington Date
3-22-01
 Organization
Arlington Environmental, Inc.
 Certified By
ETA Date
1-10-01

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name
Better Roads

Facility Name
Rock Crusher

Street Address
SR # 32

City
Punta Gorda

State
FL

Zip

Process
Rock Crushing Unit # Operating Mode
275 tons/hr.

Control Equipment
Sprays Operating Mode
Normal

Describe Emission Point
Screens + Drop-off Point

Height of Emis. Pt.
Start 25' End Height of Emis. Pt. Rel. to Observer
Start 25' End

Distance to Emis. Pt.
Start 60' End Direction to Emis. Pt. (Degrees)
Start 350° End

Vertical Angle to Obs. Pt.
Start 35° End Direction to Obs. Pt. (Degrees)
Start 350° End

Distance and Direction to Observation Point from Emission Point
Start End

Describe Emissions

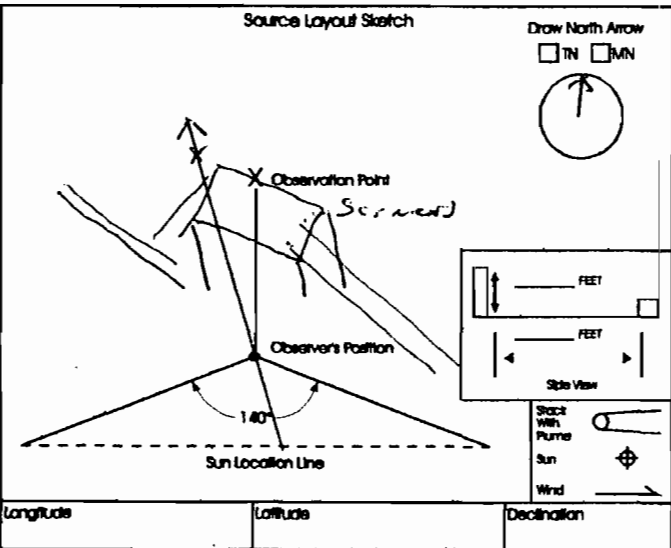
Start End Water Droplet Plume
Emission Color Attached Detached None

Describe Plume Background

Start Sky End Sky Conditions
Background Color Start Scattered End

Wind Speed Wind Direction
Start 4-7 End Start West End

Ambient Temp. Wet Bulb Temp. RH Percent
Start 71°F End 72°F



Additional Information

Form Number Page Of

Continued on VEO Form Number
1-33-V-6

Sec Min	Time Zone				Start Time		End Time	
	0	15	30	45	0	15	30	45
	3-22-01				12:07		13:07	
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0

Observer's Name (Print)
W. Arlington

Observer's Signature
W. Arlington Date 3-22-01

Organization
Arlington Environmental, Etc.

Certified By
ETA Date 1-10-01

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Form Number _____ Page _____ of _____
 Continued on VEO Form Number
 1033-V-7

Company Name
 Better Roads, Inc.
 Facility Name
 Rock Crusher
 Street Address
 S R A 21
 City
 Punta Gorda State
 FL Zip

Process
 Rock Crusher Unit #
 Operating Mode
 275 tons/hr.
 Control Equipment
 None Operating Mode

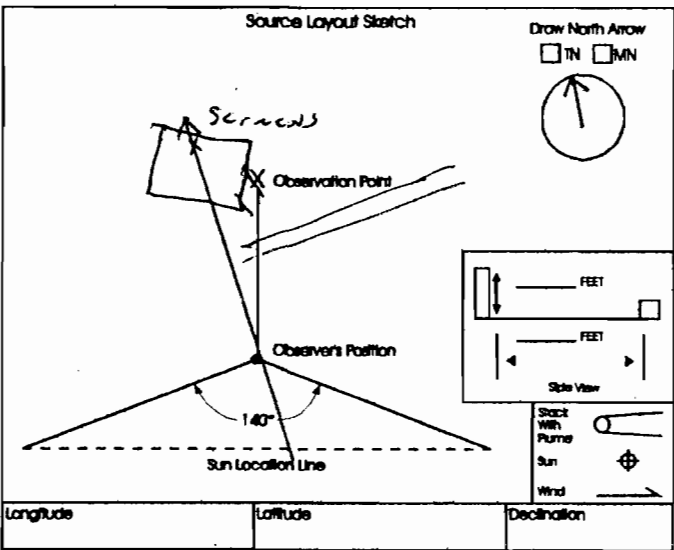
Describe Emission Point
 Screen Reject - Drop-off

Height of Emis. Pt.
 Start 7' End
 Height of Emis. Pt. Rel. to Observer
 Start 7' End
 Distance to Emis. Pt.
 Start 50' End
 Direction to Emis. Pt. (Degrees)
 Start 15° End

Vertical Angle to Obs. Pt.
 Start 0° End
 Direction to Obs. Pt. (Degrees)
 Start 15° End
 Distance and Direction to Observation Point from Emission Point
 Start End

Describe Emissions
 Start End
 Emission Color
 Start End
 Attached Detached None

Describe Plume Background
 Start Sky End
 Background Color
 Start blue End
 Sky Conditions
 Start Scattered End
 Wind Speed
 Start 4-7 End
 Wind Direction
 Start West End
 Ambient Temp.
 Start 71°F End 72°F
 Wet Bulb Temp. RH Percent



Min	Time Zone				Start Time		End Time	
	0	15	30	45	0	15	30	45
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0

Observer's Name (Print)
 W. Arlington
 Observer's Signature
 W. Arlington
 Date
 3-22-01
 Organization
 Arlington Environmental, Inc.
 Certified By
 ETA
 Date
 1-10-01

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)
 Method 9 203A 203B Other: _____

Company Name
Better Roads

Facility Name
Ruck Crusher

Street Address
SR # 31

City Punta Gorda State FL. Zip _____

Process Ruck Crushing Unit # _____ Operating Mode 275 tons/hr.

Control Equipment None Operating Mode _____

Describe Emission Point
2 Drop-off Points To Pile

Height of Emis. Pt. Start 15' End _____ Height of Emis. Pt. Rel. to Observer Start 15' End _____

Distance to Emis. Pt. Start 50' End _____ Direction to Emis. Pt. (Degrees) Start 270° End _____

Vertical Angle to Obs. Pt. Start 20° End _____ Direction to Obs. Pt. (Degrees) Start 270° End _____

Distance and Direction to Observation Point from Emission Point Start _____ End _____

Describe Emissions

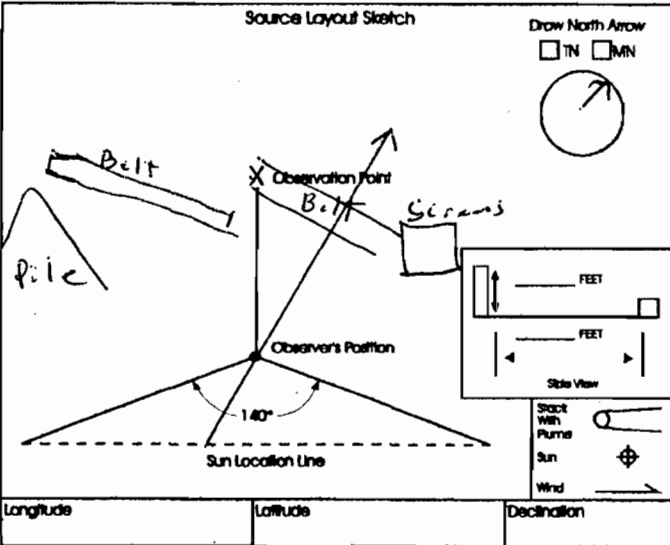
Start _____ End _____ Emission Color _____ Water Droplet Plume Attached Detached None

Describe Plume Background

Start sky End _____ Background Color blue Sky Conditions Start Scattered End _____

Wind Speed Start 4-7 End _____ Wind Direction Start west End _____

Ambient Temp. Start 71°F End 72°F Wet Bulb Temp. _____ RH Percent _____



Additional Information
2 Points Combined - readings represent max opacity

Form Number _____ Page _____ of _____

Continued on VEO Form Number 1033-V-8a+b

Sec Min	Time Zone				Start Time		End Time	
	0	15	30	45	0	15	30	45
	3-22-01				12:07		13:07	
1	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0

Observer's Name (Print) W. Arlington

Observer's Signature W. Arlington Date 3-22-01

Organization Arlington Environmental, Inc.

Certified By ETA Date 1-10-01

VISIBLE EMISSIONS EVALUATOR

This is to certify that

William D. Arlington

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.

282578

Certificate Number

West Palm Beach, Florida

Location

January 10, 2001

Date of Issue

Thomas Hore

President

Michael W. Jungfeld

Director of Training