

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.

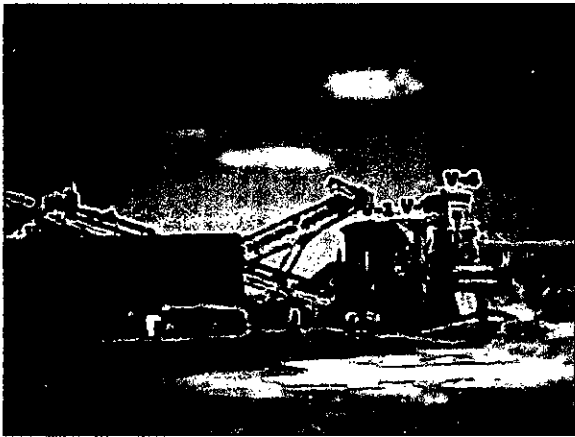
The results of this test verify compliance with the above referenced Permit, and the Emission Standards as set forth in 40 CFR 60 Subpart 000.

SUMMARY OF RESULTS

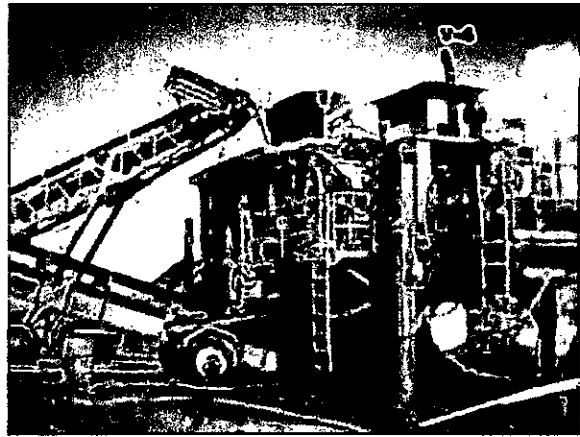
**BETTER ROADS, INC.
ROCK CRUSHER
REPORT 1033-V
03/22/2001**

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%

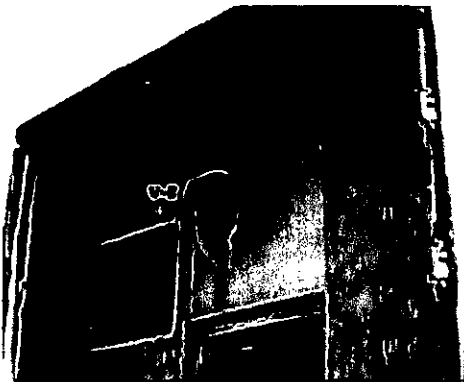
1033-V 1-4



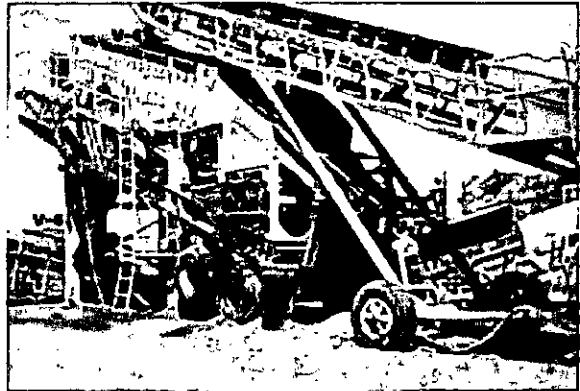
1033-V 4



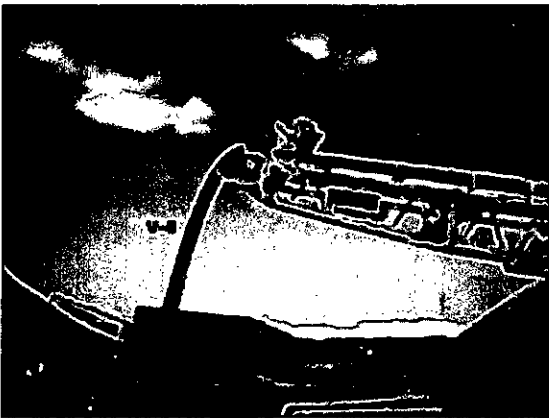
1033-V 5



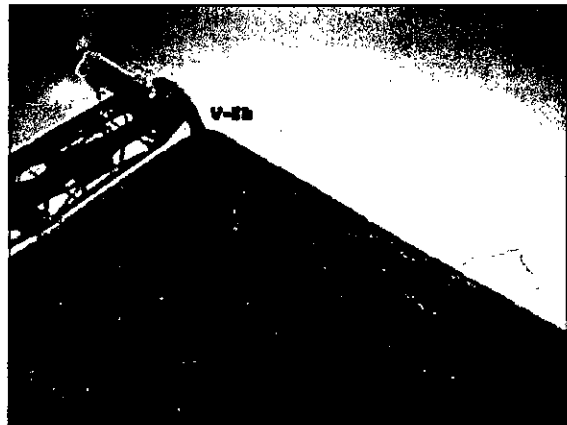
1033-V 6-7



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
HIGEST 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 8 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
HIGEST 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
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 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 8 MINUTE AVERAGE	0.00		
AVERAGE OPACITY	0.00		
READINGS RANGED FROM	0	TO	0

EPA VISIBLE EMISSION OBSERVATION FORM 1

Method (Use Code One)
 Method 9 203A 203B Other: _____

Company Name
Better Roads, Inc.

Facility Name
Bakewell 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

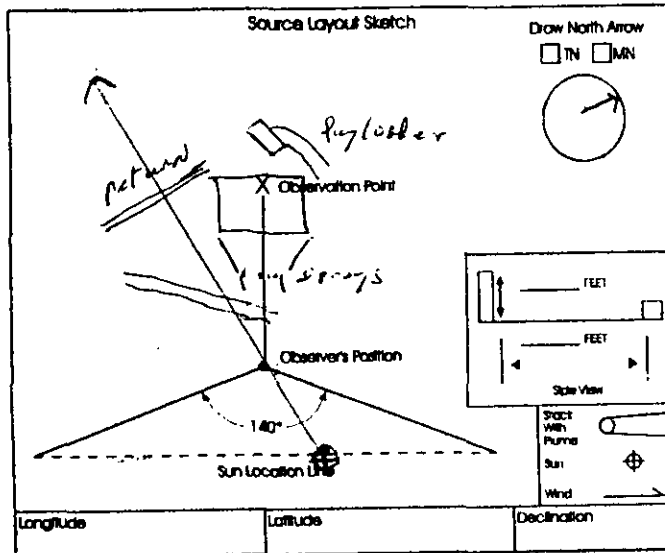
Emission Color
 Start **tan** End Water Droplet Plume
 Attached Detached None

Describe Plume Background
 Start **Sky** End

Background Color
 Start **blue** End Sky Conditions
 Start **scattered** End

Wind Speed
 Start **3-5** End Wind Direction
 Start **SE** End

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



Additional Information
Receiving Hopper + Drop off
Max readings

VEOF1.1

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

Sec Min	Observation Date 3-22-01				Time Zone		Start Time 10:20		End Time 11:20	
	0	15	30	45	0	15	30	45	0	15
1	0	0	0	0	0	0	0	0	0	0
2	5	0	0	0	0	0	0	0	0	0
3	0	5	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	5	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	10	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	5	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
24	0	0	5	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0
30	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 (Check 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 Crusher Unit #: _____ Operating Mode: 275 Tons/hr.
 Control Equipment: None Operating Mode: _____

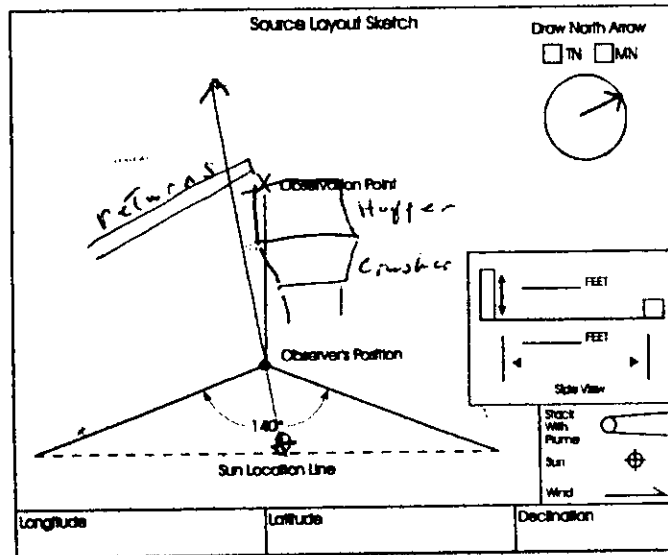
Describe Emission Point:
reject return to crusher

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

Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degrees)
 Start 20° End _____ Start 330° 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: Scattered End _____
 Wind Speed: _____
 Start 3-5 End _____ Wind Direction: SE End _____
 Ambient Temp.: _____
 Start 71°F End 71°F Wet Bulb Temp.: _____ RH Percent: _____



Additional Information:
return to Hopper

Form Number: _____ Page: _____ of _____
 Continued on VEO Form Number: 1033-V-2

Sec Min	Observation Date: <u>3-23-01</u>				Time Zone: _____		Start Time: <u>10:20</u>		End Time: <u>11:20</u>	
	0	15	30	45	0	15	30	45	0	15
1	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	5
13	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	5
21	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0
30	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 (Underline/Circle One)
Method g 203A 203B Other: _____

Company Name
Bethu-Rocks

Facility Name
Rock Crusher

Street Address
SR#32

City State Zip
Dunwoody GA _____

Process Unit # Operating Mode
Rock Crusher _____ 275 Tons/hr

Control Equipment Operating Mode
None _____

Describe Emission Point
Crusher belt to Screen belt

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

Distance to Emiss. Pt. Direction to Emiss. Pt. (Degrees)
 Start 50' End _____ Start 310° End _____

Vertical Angle to Obs. Pt. Direction to Obs. Pt. (Degrees)
 Start 2.5° End _____ Start 310° End _____

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

Describe Emissions
 Start _____ End _____

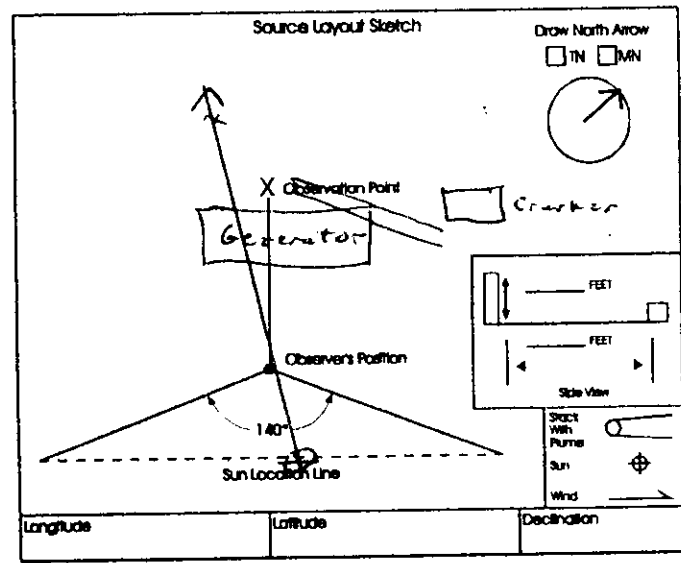
Emission Color Water Droplet Plume
 Start _____ End _____ Attached Detached None

Describe Plume Background
 Start SKY End _____

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

Wind Speed Wind Direction
 Start 3-5 End _____ Start SE End _____

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



Additional Information
Deep OFF Point 1

Form Number _____ Page _____ of _____

Continued on VEO Form Number
1032-V-3

Sec Min	Observation Date				Time Zone				Start Time		End Time	
	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
2	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	5	0	0	0	0	0	0
4	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
6	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
8	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
10	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
12	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
14	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
16	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
18	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
20	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
22	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
24	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
26	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
28	0	0	0	0	0	0	0	0	0	5	0	0
29	0	0	0	0	0	0	0	0	5	0	0	0
30	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 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. Start 20' End _____ Height of Emis. Pt. Rel. to Observer Start 20' End _____

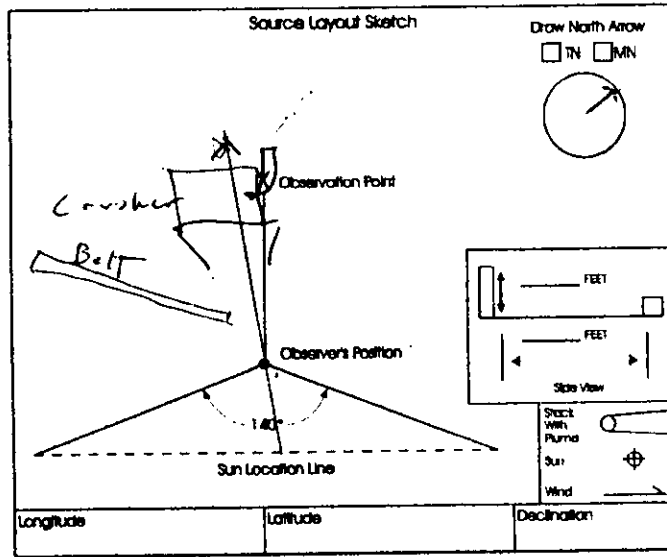
Distance to Emis. Pt. Start 380' End _____ Direction to Emis. Pt. (Degrees) Start 330' End _____

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 80 @ 330' End _____

Describe Emissions
 Start _____ End _____
 Emission Color Start black 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 S.E. End _____
 Ambient Temp. Start 72° End _____ Wet Bulb Temp. _____ RH Percent _____



Additional Information
Crusher Diesel

Form Number _____ Page _____ Of _____
 Continued on VEO Form Number 1032-V-4

Sec Min	Time Zone				Start Time		End Time	
	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 2 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: _____

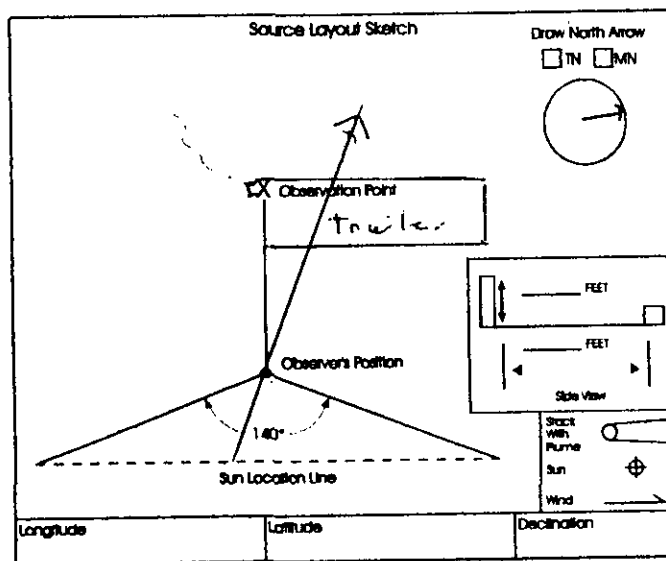
Describe Emission Point: horizontal Exhaust pipe

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

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

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

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



Additional Information: Generator

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

Sec Min	Time Zone				Start Time		End Time	
	0	15	30	45	0	15	30	45
					<u>11:32</u>		<u>12:02</u>	
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: [Signature] 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 200A 200B Other: _____

Company Name
Better Roads
 Facility Name
Rock Crusher
 Street Address
SR# 32
 City
Luanta Gerda State
Fl. Zip

Process
Rock Crushing Unit # Operating Mode
275 tons/hr.
 Control Equipment
Sprays Operating Mode
Normal

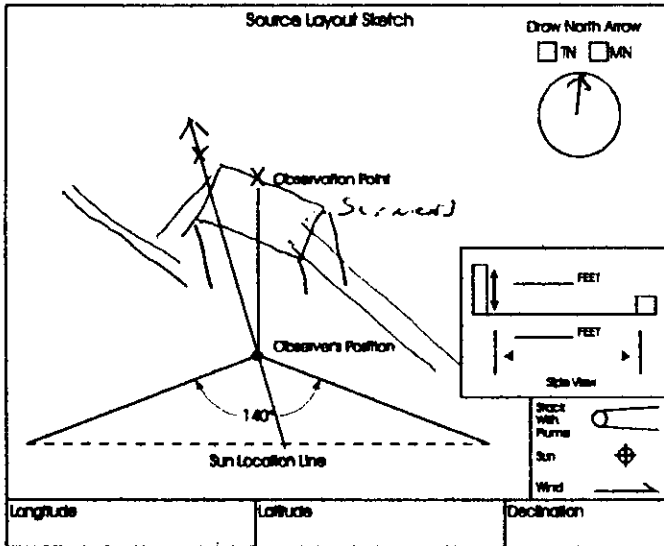
Describe Emission Point
Screens + Drop-off Point

Height of Emiss. Pt.
 Start 25' End Height of Emiss. Pt. Rel. to Observer
 Start 25' End
 Distance to Emiss. Pt.
 Start 60' End Direction to Emiss. Pt. (Degree)
 Start 350' End

Vertical Angle to Obs. Pt.
 Start 35° End Direction to Obs. Pt. (Degree)
 Start 350° End
 Distance and Direction to Observation Point from Emission Point
 Start End

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

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 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

Observation Date	Time Zone	Start Time	End Time	Comments								
3-22-01		12:07	13:07	Sec	0	15	30	45	0	15	30	45
1	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
3	0	0	0	0	0	0	0	0	0	0	0	0
4	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
6	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
8	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
10	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
12	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
14	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
16	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
18	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
20	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
22	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
24	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
26	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
28	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0

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

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name
Better Roads, Inc.

Facility Name
Rock Crusher

Street Address
SRA 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 Emiss. Pt.
Start **7'** End Height of Emiss. Pt. Rel. to Observer
Start **7'** End

Distance to Emiss. Pt.
Start **50'** End Direction to Emiss. Pt. (Degrees)
Start **15°** End

Vertical Angle to Obs. Pt.
Start **0°** End Direction to Obs. Pt. (Degrees)
Start **15°** End

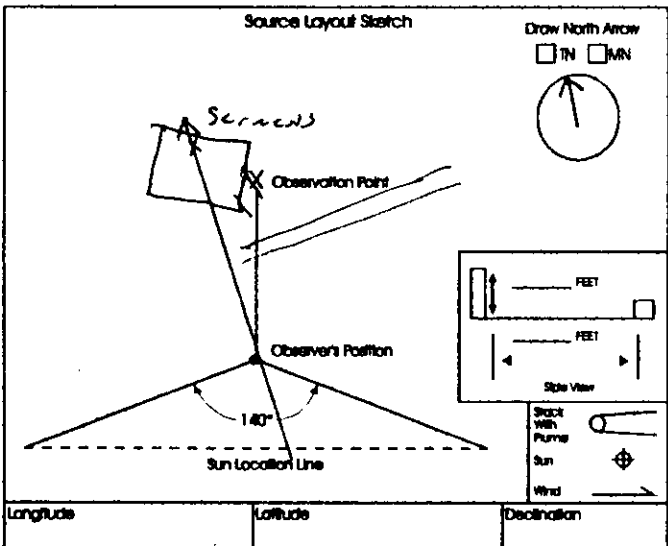
Distance and Direction to Observation Point from Emission Point
Start End

Describe Emissions
Start End
Emission Color Water Droplet Plume
Start 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 **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
1033-V-7

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
Rock Crusher
 Street Address
SR 31
 City
Punta Gorda State
FL. Zip

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

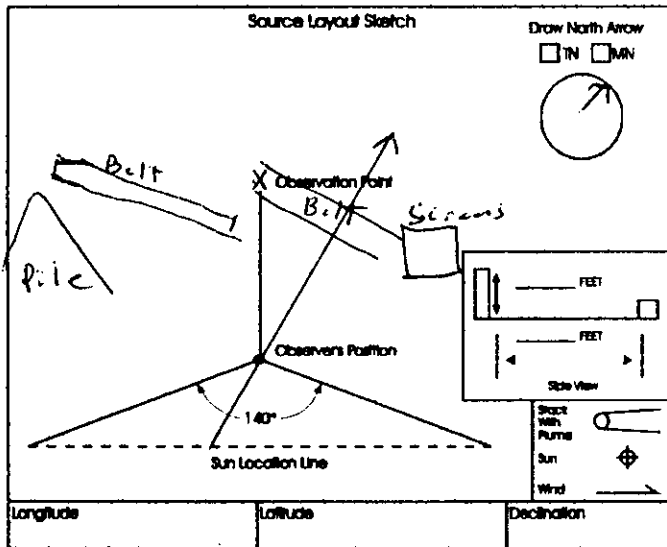
Describe Emission Point
2 Drop-off Points To Pile

Height of Emiss. Pt.
 Start 15' End _____ Height of Emiss. Pt. Rel. to Observer
 Start 15' End _____
 Distance to Emiss. Pt.
 Start 50' End _____ Direction to Emiss. 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 Emitters
 Start _____ End _____
 Emission Color
 Start _____ 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 west End _____
 Ambient Temp.
 Start 71°F End 72°F Wet Bulb Temp. _____ RH Percent _____



Additional Information
2 Points Combined - readings represent max opacity

VEOF 1.1

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 Lore

President

Michael W. Jungeford

Director of Training