

**NONMETALLIC MINERAL PROCESSING PLANT (CRUSHER)
AIR GENERAL PERMIT EXAMPLE REGISTRATION WORKSHEET**

Facility Identification Number - If known (seven digit number)

7775531-002-AG

7775531

Registration Type

Check one:

INITIAL REGISTRATION - Notification of intent to:

- Construct and operate a proposed new facility.
- Operate an existing permitted facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. (See "Surrender of Existing Air Operation Permit(s)" below.)
- Operates an existing facility not currently permitted or using an air general permit.

RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to:

- Continue operating the facility after expiration of the current term of air general permit use.
- Continue operating the facility after a change of ownership.
- Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C.
- Any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C.

Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only, if Applicable

All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s):

N/A

General Facility Information

Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.)

General Asphalt Company, Inc.

Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, complete registration must be submitted for each.)

Asphalt Plant No. 1 - Crusher

Facility Location (Physical location of the facility, not necessarily the mailing address.)

Street Address: **4850 NW 72nd Ave**

City: **Miami**

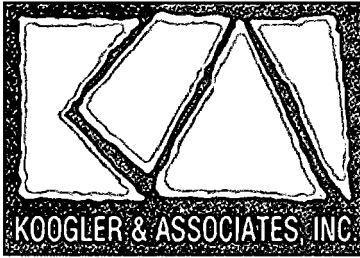
County: **Miami-Dade**

Zip Code: **33166**

Facility Start-Up Date (Estimated start-up date of proposed **new** facility.)(N/A for existing facility.)

N/A

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 NANCY A. JOHNSON
 NEW AVE



KOOGLER & ASSOCIATES, INC.
ENVIRONMENTAL SERVICES
4014 NW 13th STREET
GAINESVILLE, FL 32609-1923
www.kooglerassociates.com
352/377-5822 ■ FAX 352/377-5822

212-13-03
August 20, 2013

Sent via Email: Douglas.Thornton@dep.state.fl
and Fed Ex

Mr. Douglas Thornton
Florida Department of Environmental Protection – Receipts
3800 Commonwealth Blvd, MS-77
Tallahassee, Florida 32399

Re: Renewal of 7775531-001-AG
General Asphalt Company, Inc.
Miami, Miami-Dade County, Florida

Dear Doug:

Please find enclosed an Air General Permit Worksheet and supporting attachments for the above referenced facility. In accordance with Rule 62-4.050, FAC, a **\$100** processing fee is enclosed. The worksheet requests renewal of the air general registration for the Bohringer Crusher. The current registration expires September 21, 2013. The crusher was recently tested under Permit No. 0250005-010-AO.

Please provide confirmation of the coverage under the Air General Permit to Koogler and Associates, Inc. Thank you for your assistance. If you require additional information or have any questions regarding this permit registration, please contact me at 352.377.5822 or treed@kooglerassociates.com.

Best Regards,

Tammy L. Reed
KOOGLER AND ASSOCIATES, INC.

/tlr

Enclosure

Cc: Curtis Simpson – General Asphalt

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Facility Contact

Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.)

Print Name and Title: **Robert A. Lopez, President**

Facility Contact Telephone Numbers

Telephone: **305-592-3480**

Fax: **305-477-4675**

Cell phone: _____

E-mail: _____

Facility Contact Mailing Address

Organization/Firm: **General Asphalt Company, Inc.**

Mailing Address: **4850 NW 72 Ave**

City: **Miami**

County: **Miami-Dade**

Zip Code: **33166**

Other Contact/Representative (to serve as additional Department contact)

Name and Position Title

Print Name and Title: **Tammy Reed, Environmental Scientist**

Other Contact/Representative Telephone Numbers

Telephone: **352-377-5822**

Fax: **352-377-7158**

Cell phone: _____

E-mail: **treed@kooglerassociates.com**

Other Contact/Representative Mailing Address

Organization/Firm: **Koogler and Associates, Inc.**

Mailing Address: **4014 NW 13th Street**

City: **Gainesville**

County: **Alachua**

Zip Code: **32609**

Government Facility Code (check only one)

- Facility not owned or operated by a federal, state, or local government.
- Facility owned or operated by the federal government.
- Facility owned or operated by the state.
- Facility owned or operated by the county.
- Facility owned or operated by the municipality.
- Facility owned or operated by a water management district.

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Type of Facility

Check one:
 Stationary Facility Relocatable Facility

Type(s) of Precautions Used to Prevent Unconfined Emissions

Check all that apply for the management of roads, parking areas, stock piles and yards:
 Maintain Roads/Parking/Yards Use Water Application Use Dust Suppressant
 Remove Particulate Matter Reduce Stock Pile Height Install Wind Breaks

Check the location of spray bars at the nonmetallic mineral processing plant:
 Feeders Entrance to "Crusher" Exit of "Crusher"
 Classifier Screens Conveyor Drop Points

Emission Unit Details

COMPONENT DESCRIPTION (e.g. primary, secondary crusher, screener, conveyor, RICE* engine and fuel type, etc.)	MANUFACTURER	DATE OF MANUFACTURE	MODEL NUMBER	SERIAL NUMBER	RATED CAPACITY (tons/hr, hp)	SUBJECT TO 40 CFR, PART 60, SUBPART OOO (Yes or No)**
Crusher	Bohringer	2001	RC-12	01-769	250 TPH	Yes
Screener	Deister	2001	VFGP-4816	Vibrating Grizzly Feeder	64 sq. ft.	Yes
Double Deck Screener (separate from Crushing Unit)	Deister	2001	HMP-2516	Dbl. Deck Vibrating Screen	80 sq. ft.	Yes
Crusher Engine	Caterpillar	2001	3406	IL501610	200 HP	No
Auxiliary Generator	Caterpillar	2001	3406		365 KW	No
Belt Conveyors:	--	--	--	--	--	--
Undercrusher Belt		2001			42 in.	Yes
Screen Over Belt		2001			36 in.	Yes
Short Belt		2001			24 in.	Yes
Oversize Belt		2001			24 in.	Yes
Underscreen Belt		2001			42 in.	Yes
Stacker Belt		2001			30 in.	Yes

*RICE: Reciprocating Internal Combustion Engine

**NMMP Facilities subject to Subpart OOO:

Stationary sand and gravel plants with a machine (or a maximum) rated capacity greater than 150 tons per hour

Portable sand and gravel plants with a machine (or a maximum) rated capacity greater than 25 tons per hour

Clay and pumice plants with a machine (or a maximum) rated capacity greater than 10 tons per hour

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Description of Facility

Below, or as an attachment to this worksheet, provide a description of the nonmetallic mineral processing plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe material(s) processed, all air pollutant-emitting processes, and identify any air pollution control measures used. Mobile source equipment information is not needed (eg.: trucks, bulldozers, front-end loaders, etc.)

The purpose of this application is to renew the air general permit, currently registered under 7775531-001-AG for the Bohringer crusher. The relocatable crushing operations may be temporarily co-located with permitted existing asphalt plants.

The facility meets the Eligibility Requirements specified in Rule 62-210.310(2), F.A.C.

The facility meets the fuel usage requirements specified in Rule 62-210.310(5)(e), F.A.C.

When equipment is not located at a mine or quarry, spray bars will be used at the feeder, entrance/exit of the crusher, screen, and conveyor drop points, per Rule 62-210.310(5)(e), F.A.C. Additional precautions used to prevent unconfined emissions are presented on Page 4 of this worksheet.

All affected equipment at the facility was manufactured Post-1983 and Post-2008; therefore, the affected facility is subject to 40 CFR 60, Subpart OOO. In addition, annual visible emissions compliance tests are prescribed in Rule 62-210.310(5)(e), F.A.C.

A copy of the visible emissions summary and field sheets for the crusher test conducted on August 14, 2013 under Permit No. 0250005-010-AO is attached.

Helpful Definitions:

"Capacity" – Per 40 CFR 60.671, the cumulative rated capacity of all initial crushers that are part of the plant.

"Department" or "DEP" - The State of Florida Department of Environmental Protection.

"Emissions Unit" - Any part or activity of a facility that emits or has the potential to emit any air pollutant.

"Facility" - All of the emissions units which are located on one or more contiguous or adjacent properties, and which are under the control of the same person (or persons under common control).

"Owner" or "Operator" - Any person or entity who or which owns, leases, operates, controls or supervises an emissions unit or facility.

"Nonmetallic Mineral Processing Plant" – Per 40 CFR 60.671, any combination of equipment that is used to crush or grind any nonmetallic mineral wherever located, including lime plants, power plants, steel mills, asphalt concrete plants, portland cement plants or any other facility processing nonmetallic minerals except as provided in 40 CFR §60.670 (b) and (c).

"Relocatable Facility" - A facility such as, but not limited to, an asphalt plant, portable power generator, or relocatable nonmetallic mineral processing plant, which is designed to be physically moved to, and operated on, different sites by being wholly or partially dismantled and re-erected in essentially the same configuration. It shall not be operable while in transit.

"Screening Operation" – Per 40 CFR 60.671, a device for separating material according to size by passing undersize material through one or more mesh surfaces (screens) in series and retaining oversize material on the mesh surfaces (screens). Grizzly feeders associated with truck dumping and static (non-moving) grizzlies used anywhere in the nonmetallic mineral processing plant are not considered to be screening operations.

"Size" – Per 40 CFR 60.671, the rated capacity in tons per hour of a crusher, grinding mill, bucket elevator, bagging operation, or enclosed truck or railcar loading station; the total surface area of the top screen of a screening operation; the width of a conveyor belt; and the rated capacity in tons of a storage bin.

"Unconfined Emissions" - Emissions which escape and become airborne from unenclosed operations or which are emitted into the atmosphere without being conducted through a stack.

**Visible Emissions Observations
Calculations and Field Sheets
August 14, 2013**



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TABLE 1. VISIBLE EMISSION OBSERVATIONS

**General Asphalt Company, Inc.
 East Asphalt Plant No. 1
 Miami, Miami Dade County, Florida
 Permit Nos. 7775531-001-AG and 0250005-010-AO
 Portable Crusher and Crushing Operations Subject to 40 CFR 60, Subpart OOO
 August 14, 2013**

EU/EP ID	Point Name and Description	Time		Tested Rate (TPH)	Opacity Limit (%)	Opacity Observed (%) ⁽¹⁾
		start	End			
		hr:mm	hr:mm			
EU 002	Crusher	2:34	3:04	150	15	0
EU 003 - Portable Crushing Operations						
EP 1	Oversize Belt to Hopper	2:33	3:03	150	10	0
EP 2	Grizzly	3:20	3:50	150	10	0
EP 3	Crusher to Undercrusher Belt	2:34	3:04	150	10	0
EP 4	Under Crusher Belt to Screen Over Belt	2:03	2:33	150	10	0
EP 5	Screen Over Belt to Screen	2:03	2:33	150	10	0
EP 6	Screen to Short Belt	2:03	2:33	150	10	0
EP 7	Short Belt to Oversize Belt	2:33	3:03	150	10	0
EP 8	Screen to Underscreen Belt	2:03	2:33	150	10	0
EP 9	Underscreen Belt to Stacker Belt	2:03	2:33	150	10	0

⁽¹⁾ The observed opacity percent is expressed as the highest six-minute rolling average.

KOOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. East Plant - Miami, Fl.
 SOURCE: Crusher (EU-002)
 DATE : August 14, 2013
 TIME START: 2:34
 TIME FINISH: 3:04

RESULTS:

AVERAGE OPACITY = 0.0 %
 MAXIMUM OPACITY = 0.0 %
 HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. East Plant - Miami, Fl.
 SOURCE: Crusher (EU-002)
 DATE : August 14, 2013
 TIME START: 2:34
 TIME FINISH: 3:04

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

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SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Hopper (EP-1)
DATE : August 14, 2013
TIME START: 2:33
TIME FINISH: 3:03

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Hopper (EP-1)
DATE : August 14, 2013
TIME START: 2:33
TIME FINISH: 3:03

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Grizzly (EP-2)
DATE : August 14, 2013
TIME START: 3:20
TIME FINISH: 3:50

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Grizzly (EP-2)
DATE : August 14, 2013
TIME START: 3:20
TIME FINISH: 3:50

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Crusher to Underbelt (EP-3)
 DATE : August 14, 2013
 TIME START: 2:34
 TIME FINISH: 3:04

RESULTS:

AVERAGE OPACITY = 0.0 %
 MAXIMUM OPACITY = 0.0 %
 HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Crusher to Underbelt (EP-3)
 DATE : August 14, 2013
 TIME START: 2:34
 TIME FINISH: 3:04

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Screen Over Belt (EP-4)
DATE : August 14, 2013
TIME START: 2:03
TIME FINISH: 2:33

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Screen Over Belt (EP-4)
 DATE : August 14, 2013
 TIME START: 2:03
 TIME FINISH: 2:33

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Screen (EP-5)
DATE : August 14, 2013
TIME START: 2:03
TIME FINISH: 2:33

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Screen (EP-5)
 DATE : August 14, 2013
 TIME START: 2:03
 TIME FINISH: 2:33

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Short Belt (EP-6)
DATE : August 14, 2013
TIME START: 2:03
TIME FINISH: 2:33

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Short Belt (EP-6)
DATE : August 14, 2013
TIME START: 2:03
TIME FINISH: 2:33

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Oversize Belt (EP-7)
DATE : August 14, 2013
TIME START: 2:33
TIME FINISH: 3:03

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Oversize Belt (EP-7)
 DATE : August 14, 2013
 TIME START: 2:33
 TIME FINISH: 3:03

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Under Screen Belt (EP-8)
 DATE : August 14, 2013
 TIME START: 2:03
 TIME FINISH: 2:33

RESULTS:

AVERAGE OPACITY = 0.0 %
 MAXIMUM OPACITY = 0.0 %
 HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Under Screen Belt (EP-8)
DATE : August 14, 2013
TIME START: 2:03
TIME FINISH: 2:33

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

KOOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
SOURCE: Stacker Belt (EP-9)
DATE : August 14, 2013
TIME START: 2:03
TIME FINISH: 2:33

RESULTS:

AVERAGE OPACITY = 0.0 %
MAXIMUM OPACITY = 0.0 %
HIGHEST SIX-MINUTE ROLLING AVERAGE = 0.0 %

OBSERVATIONS:

SECONDS	0	15	30	45
MINUTES	OPACITY (%)			
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	0
11	0	0	0	0
12	0	0	0	0
13	0	0	0	0
14	0	0	0	0
15	0	0	0	0
16	0	0	0	0
17	0	0	0	0
18	0	0	0	0
19	0	0	0	0
20	0	0	0	0
21	0	0	0	0
22	0	0	0	0
23	0	0	0	0
24	0	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	0	0

KOGLER AND ASSOCIATES, ENVIRONMENTAL SERVICES
 SUMMARY OF 30 MINUTE VISIBLE EMISSIONS

PLANT : General Asphalt Co., Inc. - Miami, Fl.
 SOURCE: Stacker Belt (EP-9)
 DATE : August 14, 2013
 TIME START: 2:03
 TIME FINISH: 2:33

CALCULATIONS:

	SIX-MINUTE ROLLING AVERAGES OF VISIBLE EMISSIONS			
1	-	-	-	-
2	-	-	-	-
3	-	-	-	-
4	-	-	-	-
5	-	-	-	-
6	-	-	-	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

SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **~~333~~ EU002**

PROCESS EQUIPMENT **Grizzly Crusher** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START STOP

HEIGHT ABOVE GROUND LEVEL START **8'** STOP **8'** HEIGHT RELATIVE TO OBSERVER START **2'** STOP **2'**

DISTANCE FROM OBSERVER START **30'** STOP **30'** DIRECTION FROM OBSERVER START **15°** STOP **15°**

DESCRIBE EMISSIONS
START **None** STOP **Same**

EMISSION COLOR START **Clear** STOP **Same** PLUME TYPE: CONTINUOUS FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

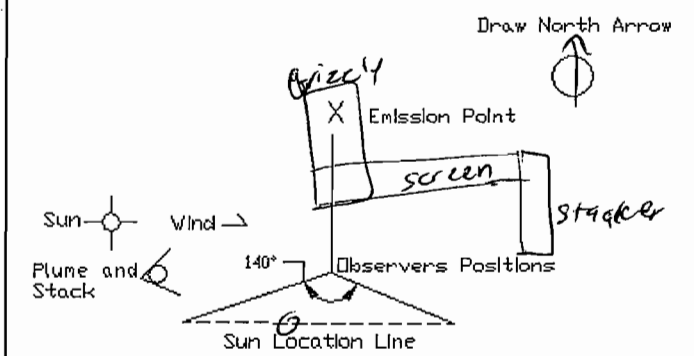
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START **Above Grizzly** STOP **Same**

DESCRIBE BACKGROUND
START **Pile** STOP **Same**

BACKGROUND COLOR START **brown** STOP **Same** SKY CONDITIONS START **PC** STOP **PC**

WIND SPEED START **8** STOP **8** WIND DIRECTION START **SE** STOP **SE**

AMBIENT TEMP: START **90** STOP **90** WET BULB TEMP **70** RH.percent **53%**



OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8-14-13		2:34		3:04	
SEC MIN	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	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	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	0	0	

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE DATE

OBSERVER'S NAME (PRINT) **Jon Kalanta**

OBSERVER'S SIGNATURE **Jon Kalanta** DATE **8-14-13**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **Whitlow** DATE **7/13**

SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **EP-1**

PROCESS EQUIPMENT **Oversize Belt to Hopper** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START **Transfer Point** STOP **"**

HEIGHT ABOVE GROUND LEVEL START **~15'** STOP **"** HEIGHT RELATIVE TO OBSERVER START **~10'** STOP **"**

DISTANCE FROM OBSERVER START **~70'** STOP **"** DIRECTION FROM OBSERVER START **~15°** STOP **"**

DESCRIBE EMISSIONS
START **None** STOP **"**

EMISSION COLOR START **None** STOP **"** 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 **Transfer point** STOP **"**

DESCRIBE BACKGROUND
START **Pile** STOP **"**

BACKGROUND COLOR START **Black** STOP **"** SKY CONDITIONS START **P.C.** STOP **"**

WIND SPEED START **8 mph** STOP **"** WIND DIRECTION START **SE** STOP **"**

AMBIENT TEMP: START **90°** STOP **"** WET BULB TEMP **70°** RH.percent **53%**

Draw North Arrow

OBSERVATION DATE		START TIME			STOP TIME	
8/14/13		2:33			3:03	
SEC	MIN	0	15	30	45	COMMENTS
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	0		
11	0	0	0	0		
12	0	0	0	0		
13	0	0	0	0		
14	0	0	0	0		
15	0	0	0	0		
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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	0	0		

COMMENTS

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TITLE

DATE

OBSERVER'S NAME (PRINT) **Karl Seltar**

OBSERVER'S SIGNATURE **[Signature]** DATE **8/14/13**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **Whitlow** DATE **7/13**

SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **EP2**

PROCESS EQUIPMENT **Grizzly Screen** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START **At Transfer Point** STOP "

HEIGHT ABOVE GROUND LEVEL
START **~25'** STOP "

HEIGHT RELATIVE TO OBSERVER
START **~20'** STOP "

DISTANCE FROM OBSERVER
START **~60'** STOP "

DIRECTION FROM OBSERVER
START **~15°** STOP "

DESCRIBE EMISSIONS
START **None** STOP "

EMISSION COLOR
START **None** STOP "

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 **Transfer Point** STOP "

DESCRIBE BACKGROUND
START **Blue** STOP "

BACKGROUND COLOR
START **Black** STOP "

SKY CONDITIONS
START **P.C.** STOP "

WIND SPEED
START **10 mph** STOP "

WIND DIRECTION
START **SE** STOP "

AMBIENT TEMP:
START **89°** STOP "

WET BULB TEMP **72°** RH.percent **58%**

Draw North Arrow

Comments

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8/14/13		3:20		3:50	
SEC MIN	0	15	30	45	
1	0	0	0	0	
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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	0	0	

COMMENTS

OBSERVER'S NAME (PRINT) **Karl Seltar**

OBSERVER'S SIGNATURE DATE **8/14/13**

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ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

TITLE DATE

CERTIFIED BY **Whitlow** DATE **7/13**

SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **EP 3**

PROCESS EQUIPMENT **belt Crusher to undercrusher** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START **STOP**

HEIGHT ABOVE GROUND LEVEL
START **5'** STOP **5'** HEIGHT RELATIVE TO OBSERVER
START **0'** STOP **0'**

DISTANCE FROM OBSERVER
START **30'** STOP **30'** DIRECTION FROM OBSERVER
START **15°** STOP **15°**

DESCRIBE EMISSIONS
START **None** STOP **Same**

EMISSION COLOR
START **clear** STOP **same** PLUME TYPE: CONTINUOUS
START **clear** STOP **same** FUGITIVE INTERMITTENT

WATER DROPLETS PRESENT: NO YES IF WATER DROPLET PLUME: ATTACHED DETACHED

POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED
START **Transfer point** STOP **Same**

DESCRIBE BACKGROUND
START **Equipment** STOP **same**

BACKGROUND COLOR
START **gray** STOP **same** SKY CONDITIONS
START **PC** STOP **PC**

WIND SPEED
START **4** STOP **same** WIND DIRECTION
START **SE** STOP **SE**

AMBIENT TEMP: START **90** STOP **90** WET BULB TEMP **70** RH.percent **53%**

COMMENTS

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TITLE DATE

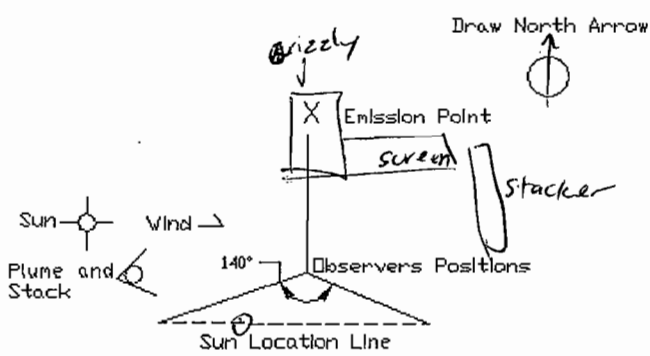
OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
SEC	MIN	0	15	30	
8-14-13		2:34		3:04	
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7	0	0	0	0	
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

OBSERVER'S NAME (PRINT) **Jon Kalanta**

OBSERVER'S SIGNATURE **[Signature]** DATE **8-14-13**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **.Whitlow** DATE **7/13**



SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **EP4**

PROCESS EQUIPMENT **Under crusher belt to screen over belt** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START **Transfer point** STOP **"**

HEIGHT ABOVE GROUND LEVEL START **~15'** STOP **"** HEIGHT RELATIVE TO OBSERVER START **~10'** STOP **"**

DISTANCE FROM OBSERVER START **~110'** STOP **"** DIRECTION FROM OBSERVER START **~15°** STOP **"**

DESCRIBE EMISSIONS
START **None** STOP **"**

EMISSION COLOR START **None** STOP **"** 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 **Transfer point** STOP **"**

DESCRIBE BACKGROUND
START **pile** STOP **"**

BACKGROUND COLOR START **Black** STOP **"** SKY CONDITIONS START **P.C.** STOP **"**

WIND SPEED START **8 mph** STOP **"** WIND DIRECTION START **SE** STOP **"**

AMBIENT TEMP: START **90°** STOP **"** WET BULB TEMP **70°** RH.percent **53%**

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8/14/13		2:03		2:33	
SEC MIN	0	15	30	45	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
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9	0	0	0	0	
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13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	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	0	0	

COMMENTS

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TITLE

DATE

OBSERVER'S NAME (PRINT) **Karl Seltzer**

OBSERVER'S SIGNATURE **[Signature]** DATE **8/14/13**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **Whitlow** DATE **7/13**

SOURCE NAME General Asphalt Company, Inc.	
ADDRESS 4850 NW 72 Ave.	
CITY Miami	STATE FL ZIP 33166
PHONE 305-826-2318	SOURCE ID NUMBER EP5
PROCESS EQUIPMENT Screen over belt to screen	OPERATING MODE 11
CONTROL EQUIPMENT None	OPERATING MODE 11
DESCRIBE EMISSION POINT START Transfer point STOP 11	
HEIGHT ABOVE GROUND LEVEL START ~15' STOP 11	HEIGHT RELATIVE TO OBSERVER START ~10' STOP 11
DISTANCE FROM OBSERVER START ~40' STOP 11	DIRECTION FROM OBSERVER START ~15° STOP 11
DESCRIBE EMISSIONS START None STOP 11	
EMISSION COLOR START None STOP 11	PLUME TYPE: CONTINUOUS <input type="checkbox"/> FUGITIVE <input checked="" 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 Transfer point STOP 11	
DESCRIBE BACKGROUND START SKY STOP 11	
BACKGROUND COLOR START blue STOP 11	SKY CONDITIONS START P.C. STOP 11
WIND SPEED START 0 mph STOP 11	WIND DIRECTION START SE STOP 11
AMBIENT TEMP: START 90° STOP 11	WET BULB TEMP 70° RH.percent 53%
<p style="text-align: center;">Draw North Arrow</p> <p style="text-align: center;">Sun Location Line</p>	
COMMENTS	

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8/14/13		2:03		2:33	
SEC MIN	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	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
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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	0	0	

OBSERVER'S NAME (PRINT) Karl Seltzer	
OBSERVER'S SIGNATURE 	DATE 8/14/13
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ORGANIZATION KOGLER AND ASSOCIATES, INC.	
TITLE	DATE
CERTIFIED BY Whitlow	DATE 7/13

SOURCE NAME General Asphalt Company, Inc.	
ADDRESS 4850 NW 72 Ave.	
CITY Miami	STATE FL ZIP 33166
PHONE 305-826-2318	SOURCE ID NUMBER EP6
PROCESS EQUIPMENT Screen to shortbelt	OPERATING MODE
CONTROL EQUIPMENT None	OPERATING MODE
DESCRIBE EMISSION POINT START STOP	
HEIGHT ABOVE GROUND LEVEL START 6' STOP 6'	HEIGHT RELATIVE TO OBSERVER START 0' STOP 0'
DISTANCE FROM OBSERVER START 30' STOP 30'	DIRECTION FROM OBSERVER START 15° STOP 15°
DESCRIBE EMISSIONS START None STOP same	
EMISSION COLOR START clear STOP same	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 transfer point STOP same	
DESCRIBE BACKGROUND START Equipment STOP same	
BACKGROUND COLOR START grey STOP grey	SKY CONDITIONS START PC STOP PC
WIND SPEED START 9 STOP same	WIND DIRECTION START SE STOP same
AMBIENT TEMP: START 90 STOP same	WET BULB TEMP 70 RH.percent 53
COMMENTS	

OBSERVATION DATE		START TIME		STOP TIME	
8-14-13		2:03		2:33	
SEC MIN	0	15	30	45	COMMENTS
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	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
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20	0	0	0	0	
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23	0	0	0	0	
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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	0	0	

OBSERVER'S NAME (PRINT) Jon Kalanter	
OBSERVER'S SIGNATURE Jon Kalanter	DATE 8-14-13
ORGANIZATION KOGLER AND ASSOCIATES, INC.	
CERTIFIED BY Whitlow	DATE 7/13

SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **EP7**

PROCESS EQUIPMENT **Shortbelt to Oversizebelt** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START **Transfer point** STOP **"**

HEIGHT ABOVE GROUND LEVEL START **~15'** STOP **"** HEIGHT RELATIVE TO OBSERVER START **~10'** STOP **"**

DISTANCE FROM OBSERVER START **~70'** STOP **"** DIRECTION FROM OBSERVER START **~15°** STOP **"**

DESCRIBE EMISSIONS
START **None** STOP **"**

EMISSION COLOR START **None** STOP **"** 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 **Transfer point** STOP **"**

DESCRIBE BACKGROUND
START **pile** STOP **"**

BACKGROUND COLOR START **black** STOP **"** SKY CONDITIONS START **P.C.** STOP **"**

WIND SPEED START **8 mph** STOP **"** WIND DIRECTION START **SE** STOP **"**

AMBIENT TEMP: START **90°** STOP **"** WET BULB TEMP **70°** RH.percent **53%**

Draw North Arrow

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8/14/13		2:33		3:03	
SEC MIN	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	6	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	6	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
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22	0	0	0	0	
23	0	0	0	6	
24	0	0	0	0	
25	0	0	0	6	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

COMMENTS

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TITLE

DATE

OBSERVER'S NAME (PRINT) **Karl Seltzer**

OBSERVER'S SIGNATURE

DATE **8/14/13**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **Whitlow**

DATE **7/13**

SOURCE NAME General Asphalt Company, Inc.	
ADDRESS 4850 NW 72 Ave.	
CITY Miami	STATE FL ZIP 33166
PHONE 305-826-2318	SOURCE ID NUMBER EP 8
PROCESS EQUIPMENT Screen to underscreen belt	OPERATING MODE
CONTROL EQUIPMENT None	OPERATING MODE
DESCRIBE EMISSION POINT START STOP	
HEIGHT ABOVE GROUND LEVEL START 3' STOP 3'	HEIGHT RELATIVE TO OBSERVER START 0' STOP 0'
DISTANCE FROM OBSERVER START 30' STOP 30'	DIRECTION FROM OBSERVER START 15° STOP 15°
DESCRIBE EMISSIONS START None STOP Same	
EMISSION COLOR START Cloud STOP Same	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 Transfer point STOP Same	
DESCRIBE BACKGROUND START Pile STOP Same	
BACKGROUND COLOR START Brown STOP Same	SKY CONDITIONS START PC STOP PC
WIND SPEED START 6 STOP Same	WIND DIRECTION START SE STOP SE
AMBIENT TEMP: START 90 STOP	WET BULB TEMP 70 RH.percent 53
<p>Draw North Arrow</p> <p>screen X Emission Point Stacker Sun Wind → Plume and Stack 140° Observers Positions Sun Location Line</p>	

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8-14-13		2:03		2:33	
SEC MIN	0	15	30	45	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
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6	0	0	0	0	
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26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	

COMMENTS	
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TITLE	DATE

OBSERVER'S NAME (PRINT) Jon Kalantar	
OBSERVER'S SIGNATURE <i>Jon Kalantar</i>	DATE 8-14-13
ORGANIZATION KOGLER AND ASSOCIATES, INC.	
CERTIFIED BY Whitlow	DATE 7/13

SOURCE NAME **General Asphalt Company, Inc.**

ADDRESS **4850 NW 72 Ave.**

CITY **Miami** STATE **FL** ZIP **33166**

PHONE **305-826-2318** SOURCE ID NUMBER **EP99**

PROCESS EQUIPMENT **Underscreen belt to Stacker** OPERATING MODE

CONTROL EQUIPMENT **None** OPERATING MODE

DESCRIBE EMISSION POINT
START STOP

HEIGHT ABOVE GROUND LEVEL
START **7'** STOP **7'** HEIGHT RELATIVE TO OBSERVER
START **0'** STOP **0'**

DISTANCE FROM OBSERVER
START **30'** STOP **30'** DIRECTION FROM OBSERVER
START **15°** STOP **15°**

DESCRIBE EMISSIONS
START **None** 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 **Transfer point** STOP **Same**

DESCRIBE BACKGROUND
START **Pile** STOP **Same**

BACKGROUND COLOR
START **Brown** STOP **same** SKY CONDITIONS
START **PC** STOP **PC**

WIND SPEED
START **8** STOP **same** WIND DIRECTION
START **SE** STOP **Same**

AMBIENT TEMP: START **90** STOP **90** WET BULB TEMP **70** RH.percent **53%**

Draw North Arrow

Diagram labels: screen, Emission Point, Stacker, Observers Positions, Sun Location Line, Sun, Wind, Plume and Stack, 140°

OBSERVATION DATE		START TIME		STOP TIME	COMMENTS
8-14-13		2:03		2:33	
SEC MIN	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	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	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	0	0	

COMMENTS

I HAVE RECEIVED A COPY OF THESE OPACITY OBSERVATIONS SIGNATURE

TITLE

DATE

OBSERVER'S NAME (PRINT)
Don Kalanter

OBSERVER'S SIGNATURE
Don Kalanter DATE **8-14-13**

ORGANIZATION **KOGLER AND ASSOCIATES, INC.**

CERTIFIED BY **Whitlow** DATE **7/13**