

# **VISIBLE EMISSIONS TEST REPORT**

PREPARED FOR:

SPECIALTY VERMICULITE CORP. 1200 NW 15<sup>TH</sup> AVENUE POMPANO BEACH, FL 33069

CONCERNING:

VE TESTING ON VERMICULITE PROCESSING PLANT 1200 NW  $15^{TH}$  AVENUE POMPANO BEACH, FL 33069 FACILITY ID: 0110003

DATE OF TEST: OCTOBER 1, 2013

PREPARED BY:SOUTH FLORIDA ENVIRONMENTAL SERVICES, LLC<br/>2257 VISTA PARKWAY, SUITE 25<br/>WEST PALM BEACH, FLORIDA 33411

**SFES REPORT #:** 13-552



SOUTH FLORIDA ENVIRONMENTAL SERVICES Air Quality Specialists

# **VISIBLE EMISSIONS TEST REPORT**

#### **PREPARED FOR:**

Specialty Vermiculite Corp. 1200 NW 15<sup>th</sup> Avenue Pompano Beach, FI 33069

#### **CONCERNING:**

Visible Emissions Compliance Test Specialty Vermiculite Corp. 1200 NW 15<sup>th</sup> Avenue Pompano Beach, Fl 33069

## **PREPARED BY:**

South Florida Environmental Services, LLC. 2257 Vista Parkway, Suite 25 West Palm Beach, Florida 33411

I hereby certify that the information contained in this report is true and accurate to the best of my knowledge.

FRMorto

Francis K Morlu Project Manager Oct. 14, 2013\_\_\_\_ Date

An Eastmount Company

## COMPENDIUM:

On October 1, 2013 South Florida Environmental Services performed compliance testing for visible emissions on behalf of Specialty Vermiculite Corp. at their vermiculite and perlite processing plant in Pompano Beach, Florida. The test was conducted on the vermiculite expanding, perlite expanding, and product mixing stacks. During compliance tests the baghouses servicing these emission points were observed to be operating normally.

All testing and data reduction were conducted in accordance with EPA Method 9 as found in 40 CFR 60 Appendix A, as amended.

Francis K Morlu of South Florida Environmental Services was the certified visible emissions evaluator, while Mr. Douglas Powling was responsible for plant operations.

The results of the test are summarized in Table 1, and show that all emissions control units are in compliance with State and County statues as mandated by the facility's permit to operate.

Location	Highest Six Minute Average	Overall Opacity	Limiting Standard
North Stack (Vermiculite)	0.0%	0.0%	20%
Middle Stack (Perlite)	0.0%	0.0%	20%
South Stack (Product)	0.0%	0.0%	20%

Table 1:	Summar	y of Results
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# VISIBLE EMISSIONS TEST REPORT Field Data Sheets



# EPA METHOD 9 (40 CFR 60 - Appendix A) VISIBLE EMISSION OBSERVATION FORM

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ADDITIONAL INFORMATION	 	CI	CERTIFIED BY ETA DATE 7/10/13							
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# EPA METHOD 9 (40 CFR 60 - Appendix A) VISIBLE EMISSION OBSERVATION FORM

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## EPA METHOD 9 (40 CFR 60 - Appendix A) VISIBLE EMISSION OBSERVATION FORM

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COMPANY NAME		-	BSERVATI				RT TIME			
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GITY POM PANO STATE 73 EACH FL PROCESS EQUIPMENT	ZP 23069		2	0	0	0	0			
PROCESS EQUIPMENT	OPERATING MODE	┥ ┝-	3		0	Ø	O			
VERMICULITE E	YP. NOKMAL	┥┝	4	Ø	0	0	$\mathcal{O}$			
BAGHOUSE	NOR MH L		5	Ø	0	Ø	O			
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ON ROOF TO		1 L	7	O	0	0	$\mathcal{O}$			
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			15	0	0	Ø	$\mathcal{O}$			
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START O-12 END 0-12 ST			22	0		0	0			
	T BULB TEMP RH percent		23	0	0	0	0			
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	$\smile$		27		0	0	0			
(Pobserveillo	Point		28	0	0		0			
	14 - <u>16 FT</u>		29	0			5	<u> </u>		
			30	0		0	0			
	THE SET					<u> </u>				
Observer's Position Stack 140° Stack With Plume			OBSERVER'S NAME (PRINT) ERADELS K. MORLY							
Sun Location Line Wind			ORGANIZATION							
ADDITIONAL INFORMATION			RTIFIED BY	5	<u>r C</u> -	<u> </u>		DATE 77 (		
				E	T14			DATE 7/10/1-3		

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# VISIBLE EMISSIONS EVALUATOR CERTIFICATE



# **VISIBLE EMISSIONS EVALUATOR**

# Francis Morlu

This is to certify that the above named observer has met the specifications of Federal Reference Method 9 and is 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, Inc. of Raleigh, N.C.

A13488MOR522312Certificate NumberStudent ID Number7/10/2013West Palm Beach, FLDate of CertificationLocation1/9/2014ORLF10Certification Expiration DateLast Lecture

This certificate is valid for six months from date of issue.

Marty Hughes
Director of Training