

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page	Of
Continued on VEO Form Number		

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

Company Name: Malschmeper  
 Facility Name: Stuart Plant  
 Street Address: 8123 Old Kansas Ave  
 City: Stuart      State: Florida      Zip: \_\_\_\_\_

Process: cement      Unit #: \_\_\_\_\_      Operating Mode: normal  
 Control Equipment: baghouse      Operating Mode: normal

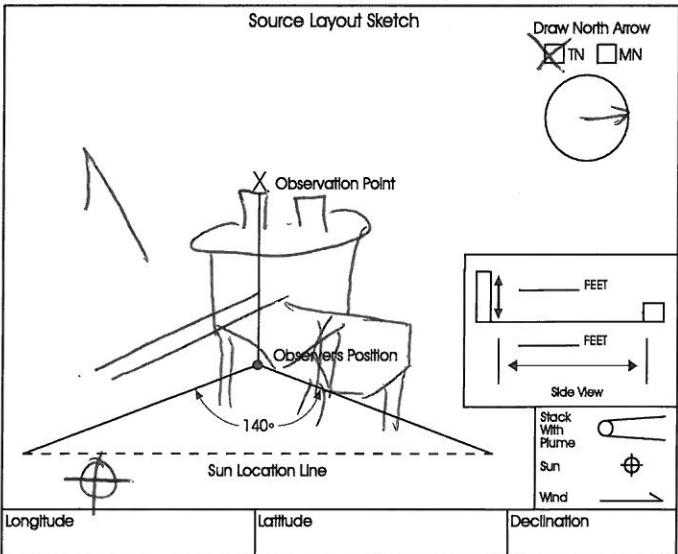
Describe Emission Point  
top of split silo; S. side

Height of Emis. Pt.      Height of Emis. Pt. Rel. to Observer  
 Start: ~50ft      End: ~50ft      Start: \_\_\_\_\_      End: \_\_\_\_\_  
 Distance to Emis. Pt.      Direction to Emis. Pt. (Degrees)  
 Start: ~60ft      End: ~60ft      Start: \_\_\_\_\_      End: \_\_\_\_\_

Vertical Angle to Obs. Pt.      Direction to Obs. Pt. (Degrees)  
 Start: \_\_\_\_\_      End: \_\_\_\_\_      Start: \_\_\_\_\_      End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point  
 Start: ~60ft SE      End: ~60ft SE

Describe Emissions  
 Start: clear      End: clear  
 Emission Color: \_\_\_\_\_  
 Start: none      End: none      Attached       Detached       None

Describe Plume Background  
 Start: clouds      End: clouds  
 Background Color: \_\_\_\_\_  
 Start: white      End: white      Sky Conditions: scattered      End: scattered  
 Wind Speed: \_\_\_\_\_      Wind Direction: \_\_\_\_\_  
 Start: 5-10      End: 5-10      Start: E      End: E  
 Ambient Temp.      Wet Bulb Temp.      RH Percent  
 Start: 78os      End: 78os      \_\_\_\_\_      \_\_\_\_\_



Additional Information  
no violations observed

Sec	Observation Date				Time Zone	Start Time	End Time	Comments
	0	15	30	45				
	<u>8/24/11</u>				<u>EST</u>	<u>0932</u>	<u>0945</u>	
1	○	○	○	○				
2	○	○	○	○				
3	○	○	○	○				
4	○	○	○	○				
5	○	○	○	○				
6	○	○	○	○				
7	○	○	○	○				
8	○	○	○	○				
9	○	○	○	○				
10	○	○	○	○				
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Observer's Name (Print): Nicole Stallings  
 Observer's Signature: Nicole Stallings      Date: 8/24/11  
 Organization: Florida Department of Environmental Protection  
 Certified By: Eastern Technical Associates      Date: 7/14/11

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number							Page		Of
Continued on VEO Form Number									

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

Company Name: **MASCHMEYER**  
 Facility Name: **STUART Plant**  
 Street Address: **8123 SW Old Kansas Ave**  
 City: **STUART**      State: **Florida**      Zip: \_\_\_\_\_

Process: **Ply Ash Silo**      Unit #: \_\_\_\_\_      Operating Mode: **normal**  
 Control Equipment: **Baghouse**      Operating Mode: **normal**

Describe Emission Point:  
**top of sput silo; N. side**

Height of Emiss. Pt.      50      50  
 Start ~60ft      End 160ft      Start \_\_\_\_\_      End \_\_\_\_\_  
 Distance to Emiss. Pt.      ~60ft      ~60ft      Direction to Emiss. Pt. (Degrees)  
 Start \_\_\_\_\_      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_

Vertical Angle to Obs. Pt.      Direction to Obs. Pt. (Degrees)  
 Start \_\_\_\_\_      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point  
 Start ~60ft SE      End ~60ft SE

Describe Emissions  
 Start **none**      End **none**  
 Emission Color      Water Droplet Plume  
 Start **N/A**      End **N/A**      Attached       Detached       None

Describe Plume Background  
 Start **clouds**      End **clouds**  
 Background Color      Sky Conditions  
 Start **white**      End **white**      Start **scattered**      End **scattered**  
 Wind Speed      Wind Direction  
 Start **5-10**      End **5-10**      Start **E**      End **E**  
 Ambient Temp.      Wet Bulb Temp.      RH Percent  
 Start **78S**      End **78S**      \_\_\_\_\_      \_\_\_\_\_

Source Layout Sketch

Draw North Arrow  
 TN       MN

Observation Point (X)

Observer's Position (dot)

Sun Location Line (dashed line)

140° angle between Sun Location Line and Observer-Point line

Scale: FEET (vertical and horizontal arrows)

Side View (diagonal arrow)

Stack With Plume (diagonal arrow)

Sun (circle with dot)

Wind (horizontal arrow)

Longitude      Latitude      Declination

Min \ Sec	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
	<b>EST</b>				<b>0932</b>	<b>0945</b>	
1	○	○	○	○			
2	○	○	○	○			
3	○	○	○	○			
4	○	○	○	○			
5	○	○	○	○			
6	○	○	○	○			
7	○	○	○	○			
8	○	○	○	○			
9	○	○	○	○			
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Additional Information:  
**no violations observed.**

Observer's Name (Print): **Nicole Stallings**  
 Observer's Signature: *Nicole Stallings*      Date: **8/24/11**  
 Organization: **Florida Department of Environmental Protection**  
 Certified By: **Eastern Technical Associates**      Date: **7/14/11**