

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name
Arnold Brothers, Inc

Facility Name

Street Address
2437 S.W. Pine Island Rd

City **Cape Coral** State **FL** Zip **33991**

Process
Lumber Unloading Unit # **1** Operating Mode **24/5 Stems**

Control Equipment
Baghouse Operating Mode **10 psi**

Describe Emission Point
Shortest easternmost baghouse on horizontal silo

Height of Emiss. Pt. Height of Emiss. Pt. Rel. to Observer

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

Distance to Emiss. Pt. Direction to Emiss. Pt. (Degrees)

Start **60'** End **60'** Start **319°** End **319°**

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

Start **11°** End **11°** Start **319°** End **319°**

Distance and Direction to Observation Point from Emission Point

Start **0** End **0**

Describe Emissions

Start **None** End **None**

Emission Color Water Droplet Plume

Start **N/A** End **N/A** Attached Detached None

Describe Plume Background

Start **Sky** End **Sky**

Background Color Sky Conditions

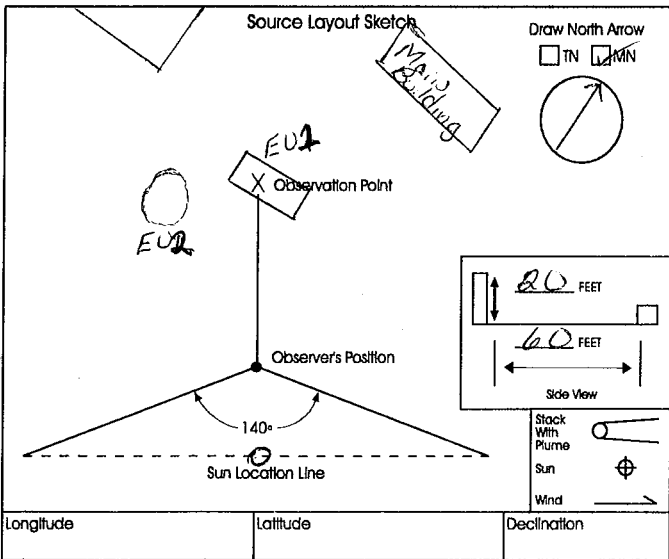
Start **Blue** End **Blue** Start **Clear** End **Clear**

Wind Speed Wind Direction

Start **7mph** End **7mph** Start **ESE** End **ESE**

Ambient Temp. Wet Bulb Temp. RH Percent

Start **66°F** End **70°F** **84%**



Additional Information

Load rate - 36tph

Form Number _____ Page **1** of **2**

Continued on VEO Form Number _____

Min	Time Zone				Comments
	Sec	0	15	30	
Observation Date 11/24/12 Start Time 8:47 AM End Time 9:29 AM					
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	

Observer's Name (Print) **Sherrell Culliver**

Observer's Signature **Sherrell Culliver** Date **11/24/12**

Organization **FDEP**

Certified By **ETA** Date **8/11**

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page	2	of	2
Continued on VEO Form Number									

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

Company Name <i>Arnold Brothers, Inc</i>		
Facility Name		
Street Address		
City	State	Zip

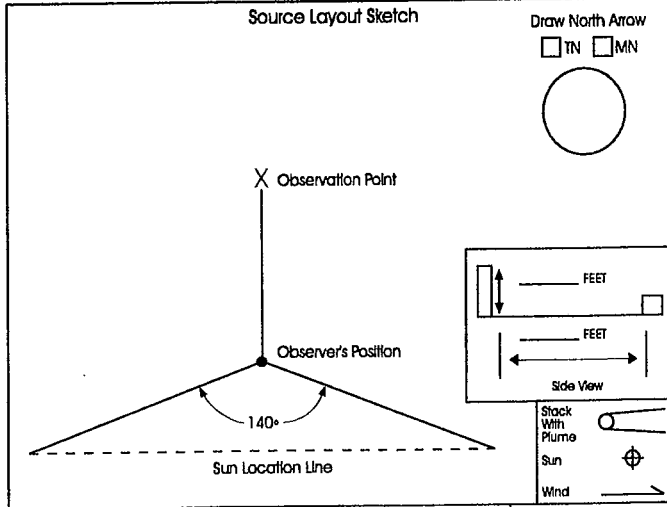
Process <i>Trailer Unloading</i>	Unit # <i>1</i>	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point	
Height of Emiss. Pt.	Height of Emiss. Pt. Rel. to Observer
Start End	Start End
Distance to Emiss. Pt.	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 End	

Describe Emissions	
Start	End
Emission Color	Water Droplet Plume
Start End	Attached <input type="checkbox"/> Detached <input type="checkbox"/> None <input type="checkbox"/>

Describe Plume Background	
Start	End
Background Color	Sky Conditions
Start End	Start End
Wind Speed	Wind Direction
Start End	Start End
Ambient Temp.	Wet Bulb Temp.
Start End	RH Percent



Longitude	Latitude	Declination
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Additional Information

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
3	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
5	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
6	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
7	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
8	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
9	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
10	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
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Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date

EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name
Arnold Brothers, Inc

Facility Name

Street Address
2437 S.W Pine Island Rd

City
Cape Coral State
FL Zip
33991

Process
Cement Tanker Unload Unit #
2 Operating Mode
25.54 tons

Control Equipment
Baghouse Operating Mode
10 psi

Describe Emission Point
Tall vertical silo with single baghouse

Height of Emiss. Pt.
Start *50'* End *50'* Start *50'* End *50'*

Distance to Emiss. Pt.
Start *85'* End *85'* Start *292°* End *292°*

Vertical Angle to Obs. Pt.
Start *14°* End *14°* Direction to Obs. Pt. (Degrees)
Start *292°* End *292°*

Distance and Direction to Observation Point from Emission Point
Start *0* End *0*

Describe Emissions
Start *None* End *None*

Emission Color
Start *N/A* End *N/A* Water Droplet Plume

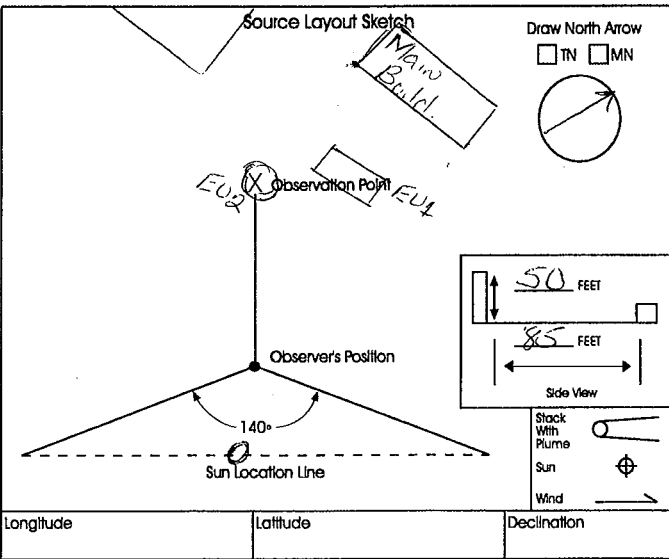
Attached Detached None

Describe Plume Background
Start *Sky* End *Sky*

Background Color
Start *Blue* End *Blue* Sky Conditions
Start *Clear* End *Clear*

Wind Speed
Start *0-7 mph* End *0-7 mph* Wind Direction
Start *ESE* End *ESE*

Ambient Temp
Start *61°F* End *64°F* Wet Bulb Temp.
RH Percent
66%



Additional Information
Load rate - 34 tph

Form Number Page *1* of *2*

Continued on VEO Form Number

Min	Time Zone				Start Time	End Time	Comments
	Sec	0	15	30			
					<i>7:58 AM</i>	<i>8:42 AM</i>	
1	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
2	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
3	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
4	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
5	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
6	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
7	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
8	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
9	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
10	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
11	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
12	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
13			<i>0</i>	<i>0</i>			<i>Checking Tanker</i>
14	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			<i>Pressure</i>
15	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
16	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
17	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
18	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
19	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
20	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
21	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
22	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
23	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
24	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
25	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
26	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
27	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
28	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
29	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			
30	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>			

Observer's Name (Print)
Sherrill Calloway

Observer's Signature
Sherrill Calloway Date
11/24/12

Organization
FDEP

Certified By
ETA Date
8/11

EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number						Page	2	Of	2
Continued on VEO Form Number									

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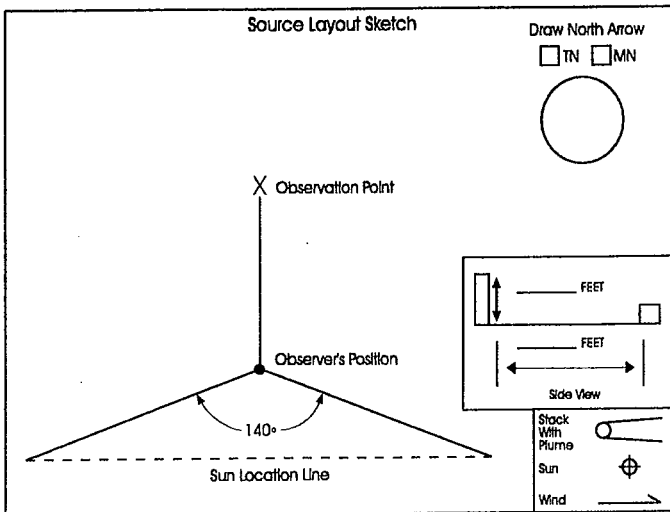
Process	Unit # <i>2</i>	Operating Mode
Control Equipment		Operating Mode

Describe Emission Point			
Height of Emiss. Pt.		Height of Emiss. Pt. Rel. to Observer	
Start	End	Start	End
Distance to Emiss. Pt.		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	End		

Describe Emissions			
Start	End		
Emission Color	Water Droplet Plume		
Start	End	Attached <input type="checkbox"/>	Detached <input type="checkbox"/>
None <input type="checkbox"/>			

Describe Plume Background			
Start	End		
Background Color	Sky Conditions		
Start	End	Start	End
Wind Speed	Wind Direction		
Start	End	Start	End
Ambient Temp.	Wet Bulb Temp.	RH Percent	
Start	End		



Longitude	Latitude	Declination
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Additional Information	

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
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Observer's Name (Print)	
Observer's Signature	Date
Organization	
Certified By	Date