

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number: \_\_\_\_\_ Page: \_\_\_\_\_ of \_\_\_\_\_  
 Continued on VEO Form Number: \_\_\_\_\_

Company Name: 0050152  
 Facility Name: Lake Point Restoration  
 Street Address: U.S. 441 and Kanner Hwy  
 City: Port Mayaca State: FL Zip: 33438

Process: primary crusher Unit #: 4 Operating Mode: 250 TONS/hr  
 Control Equipment: none Operating Mode: \_\_\_\_\_

Describe Emission Point: crusher inlet

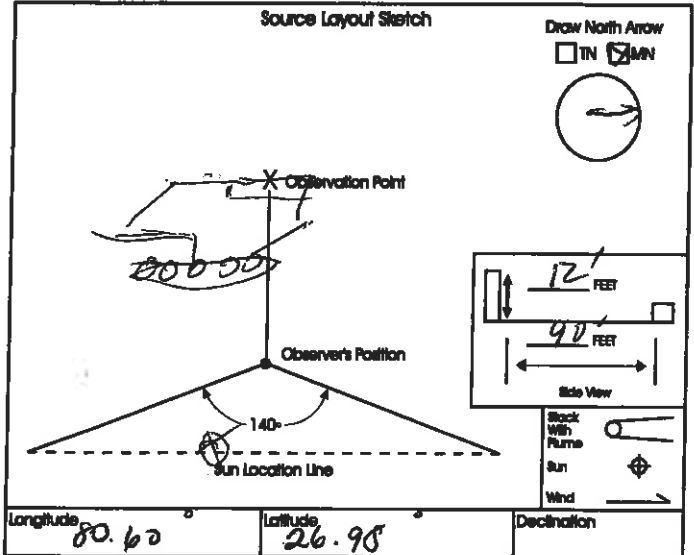
Height of Emis. Pt. Start: 12' End: \_\_\_\_\_ Height of Emis. Pt. Rel. to Observer Start: 12' End: \_\_\_\_\_  
 Distance to Emis. Pt. Start: 93' End: \_\_\_\_\_ Direction to Emis. Pt. (Degrees) Start: 290 End: \_\_\_\_\_

Vertical Angle to Obs. Pt. Start: 10° End: \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start: \_\_\_\_\_ End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start: West approx 95' End: \_\_\_\_\_

Describe Emitters Start: aggregate 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: clear End: \_\_\_\_\_  
 Wind Speed Start: 1-3 End: \_\_\_\_\_ Wind Direction Start: NW End: \_\_\_\_\_  
 Ambient Temp. Start: 80° End: \_\_\_\_\_ Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_

Observation Date		Time Zone				Start Time	End Time
10/18/2013		EST				17:55	18:25
Sec Min	0	15	30	45	Comments		
	1	0	0	0			0
2	0	0	0	0			
3	0	0	0	0			
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30	0	0	0	0			



Additional Information: \_\_\_\_\_

Observer's Name (Print): Patricia Tampas  
 Observer's Signature: \_\_\_\_\_ Date: 10/18/2013  
 Organization: FDEP  
 Certified By: ETA Date: 7/7/2013

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
Method 9    208A    208B    Other: \_\_\_\_\_

Company Name: 0850152  
 Facility Name: Lake Point Restoration  
 Street Address: U.S. 441 and Kanner Hwy  
 City: Port Mayaca    State: FL    Zip: 33438

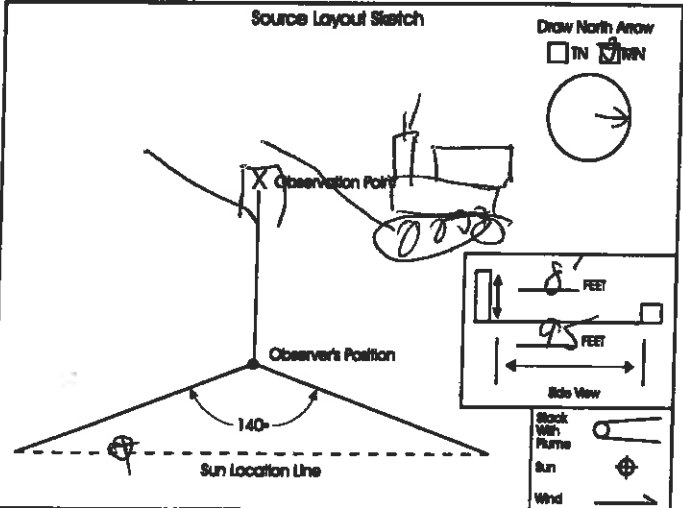
Process: Primary Crusher    Unit #: 22    Operating Mode: 750 Tons/hr  
 Control Equipment: none    Operating Mode: \_\_\_\_\_

Describe Emission Point:  
Discharge conveyor to conveyor  
 Height of Emis. Pt. Start: 8'    End: \_\_\_\_\_    Height of Emis. Pt. Rel. to Observer Start: 3'    End: \_\_\_\_\_  
 Distance to Emis. Pt. Start: 95'    End: \_\_\_\_\_    Direction to Emis. Pt. (Degrees) Start: \_\_\_\_\_    End: \_\_\_\_\_

Vertical Angle to Obs. Pt. Start: 5°    End: \_\_\_\_\_    Direction to Obs. Pt. (Degrees) Start: 260    End: \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start: W ~ 95'    End: \_\_\_\_\_

Describe Emissions:  
 Start: aggregate    End: \_\_\_\_\_    Emission Color: tan    Water Droplet Plume: Attached  Detached  None

Describe Plume Background:  
 Start: sand pile    End: \_\_\_\_\_    Background Color: tan    Sky Conditions: clear    Wind Speed: 0-3    Wind Direction: NNE  
 Ambient Temp.: 80°    Wet Bulb Temp.: \_\_\_\_\_    RH Percent: \_\_\_\_\_



Longitude: 80.60°    Latitude: 26.98°    Declination: \_\_\_\_\_

Additional Information:  
 \_\_\_\_\_  
 \_\_\_\_\_

Form Number: \_\_\_\_\_ Page: \_\_\_\_\_ Of: \_\_\_\_\_  
 Continued on VEO Form Number: \_\_\_\_\_

Observation Date		Time Zone		Start Time	End Time	Comments
Sec	Min	0	15	30	45	
1	0	0	0	0		
2	0	0	0	0		
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30	0	0	0	0		

Observer's Name (Print): Patricia Tampas  
 Observer's Signature: [Signature]    Date: 10/18/2013  
 Organization: FDEP  
 Certified By: ETA    Date: 7/7/2013

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number     Page  Of   
 Continued on VEO Form Number

Company Name 0850152  
 Facility Name **Lake Point Restoration**  
 Street Address **U.S. 441 and Kanner Hwy**  
 City **Port Mayaca** State **FL** Zip **33438**

Process **primary crusher** Unit # **4** Operating Mode **750 tons/hr**  
 Control Equipment **none** Operating Mode \_\_\_\_\_

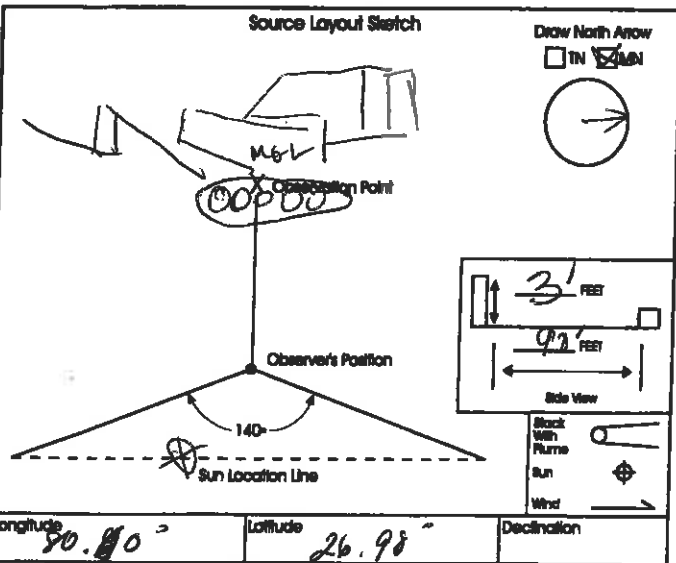
Describe Emission Point  
**crusher drop to discharge conveyor**  
 Height of Emis. Pt. Start **25'** End \_\_\_\_\_ Height of Emis. Pt. Rel. to Observer Start **-1'** End \_\_\_\_\_  
 Distance to Emis. Pt. Start **90'** End \_\_\_\_\_ Direction to Emis. Pt. (Degree) Start **29°** End \_\_\_\_\_

Vertical Angle to Obs. Pt. Start **0** End \_\_\_\_\_ Direction to Obs. Pt. (Degree) Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start **West 90'** End \_\_\_\_\_

Describe Emissions  
 Start **discrete** End \_\_\_\_\_ Emission Class Water Droplet Plume Attached  Detached  None   
 Start **fan** End \_\_\_\_\_

Describe Plume Background  
 Start **equipment** End \_\_\_\_\_ Background Color Start **grey** End \_\_\_\_\_ Sky Conditions Start **clear** End \_\_\_\_\_  
 Wind Speed Start **0-3** End \_\_\_\_\_ Wind Direction Start **NNE** End \_\_\_\_\_  
 Ambient Temp. Start **80°** End \_\_\_\_\_ Wet Bulb Temp. \_\_\_\_\_ RH Percent \_\_\_\_\_

Observation Date		Time Zone		Start Time	End Time	Comments
Sec	Min	0	15	30	45	
10/18/2013		EST		7:55	10:25	
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2	0	0	0	0		
3	0	0	0	0		
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28	0	0	0	0		
29	0	0	0	0		
30	0	0	0	0		



Observer's Name (Print) **TATIANA TAMPA**  
 Observer's Signature *T. Tampa* Date **10/18/2013**  
 Organization **FDEP**  
 Certified by **ETA** Date **7/7/2013**

Additional Information

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Company Name: 0850152  
 Facility Name: Lake Point Restoration  
 Street Address: U.S. 441 and Kanner Hwy  
 City: Port Mayaca      State: FL      Zip: 33438

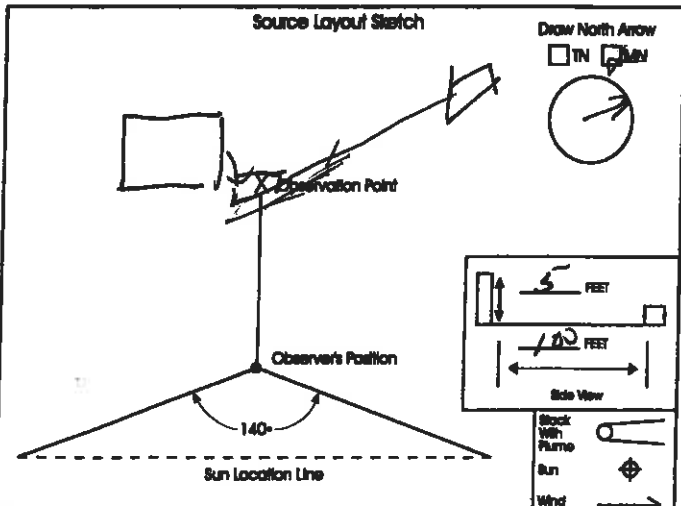
Process: wash plant      Unit #: 6      Operating Mode: 300 tons/hr  
 Control Equipment: none      Operating Mode: \_\_\_\_\_

Describe Emission Point: conveyor  
conveyor drop to day sorter  
inlet (exposed) gone  
 Height of Emis. Pt.: Start 3'      End \_\_\_\_\_      Height of Emis. Pt. Rel. to Observer: Start \_\_\_\_\_      End \_\_\_\_\_  
 Distance to Emis. Pt.: Start 115'      End \_\_\_\_\_      Direction to Emis. Pt. (Degrees): Start 295      End \_\_\_\_\_

Vertical Angle to Obs. Pt.: Start 1°      End \_\_\_\_\_      Direction to Obs. Pt. (Degrees): Start \_\_\_\_\_      End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point: Start \_\_\_\_\_      End \_\_\_\_\_

Describe Emissions: aggregate  
 Start \_\_\_\_\_      End \_\_\_\_\_      Water Droplet Plume: Attached       Detached       None   
 Emission Color: Start tan      End \_\_\_\_\_

Describe Plume Background: sky equant  
 Start \_\_\_\_\_      End \_\_\_\_\_      Sky Conditions: Start clear      End \_\_\_\_\_  
 Background Color: Start blue      End green  
 Wind Speed: Start 0-3      End \_\_\_\_\_      Wind Direction: Start NNE      End \_\_\_\_\_  
 Ambient Temp.: Start 77      End \_\_\_\_\_      Wet Bulb Temp.: \_\_\_\_\_      RH Percent: 83%



Longitude: 80.60°      Latitude: 26.98°      Declination: \_\_\_\_\_

Additional Information: sections '007' where removed

Form Number: \_\_\_\_\_ Page: \_\_\_\_\_ Of: \_\_\_\_\_  
 Continued on VEO Form Number: \_\_\_\_\_

Observation Date		Time Zone				Start Time	End Time
10/18/2013		EST				9:26	7:29:50
Sec	0	15	30	45	Comments		
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2	0	0	0	0			
3	0	0	0	0			
4	0	0	0	0			
5	0	0	0	0			
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Observer's Name (Print): Patricia Tampas  
 Observer's Signature: \_\_\_\_\_      Date: 10/18/2013  
 Organization: FDEP  
 Certified by: ETA      Date: 7/7/2013

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

Form Number \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_  
 Continued on VEO Form Number \_\_\_\_\_

Company Name 0850152  
 Facility Name Lake Point Restoration  
 Street Address US 441 and Kanner Hwy  
 City Port Mayaca State FL Zip 33438

Observation Date 10/18/2013 Time Zone est Start Time 9:26 End Time 9:50

Process Wash plant Unit # 06 Operating Mode 300 T/H  
 Control Equipment none Operating Mode \_\_\_\_\_

Sec Min	Time Zone				Comments
	0	15	30	45	
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
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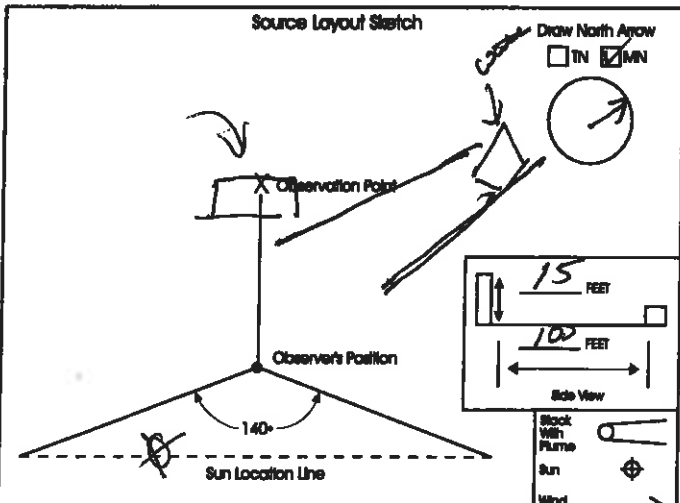
Describe Emission Point  
inlet hopper drop to conveyor

Height of Emis. Pt. Start 13 End \_\_\_\_\_  
 Distance to Emis. Pt. Start 100 End \_\_\_\_\_  
 Height of Emis. Pt. Rel. to Observer Start \_\_\_\_\_ End \_\_\_\_\_  
 Direction to Emis. Pt. (Degrees) Start 289 End \_\_\_\_\_

Vertical Angle to Obs. Pt. Start 5 End \_\_\_\_\_  
 Direction to Obs. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start W ~ 100 End \_\_\_\_\_

Describe Emissions  
 Start aggregative End \_\_\_\_\_  
 Emission Color \_\_\_\_\_  
 Start jam End \_\_\_\_\_  
 Water Droplet Plume Attached  Detached  None

Describe Plume Background  
 Start sky End \_\_\_\_\_  
 Background Color blue End \_\_\_\_\_  
 Sky Conditions Start clear End \_\_\_\_\_  
 Wind Speed Start 0-3 End \_\_\_\_\_  
 Wind Direction Start NW E End \_\_\_\_\_  
 Ambient Temp. Start 70 End \_\_\_\_\_  
 Wet Bulb Temp. \_\_\_\_\_ RH Percent 83%



Longitude 80.60 Latitude 26.98 Declination \_\_\_\_\_

Additional Information  
eu 007 no longer observed

Observer's Name (Print) Patricia Tampas  
 Observer's Signature [Signature] Date 10/18/2013  
 Organization FDEP  
 Certified by ETA Date 7/7/2013