

# EPA VISIBLE EMISSION OBSERVATION FORM 1

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

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Continued on VEO Form Number \_\_\_\_\_

Company Name 7775638  
 Facility Name Lake Point Restoration  
 Street Address US 441 and Kanner Hwy  
 City Port Mayaca State FL Zip 33438

Process Sorter w/ grizzly Unit # 1 Operating Mode Normal  
 Control Equipment none Operating Mode \_\_\_\_\_

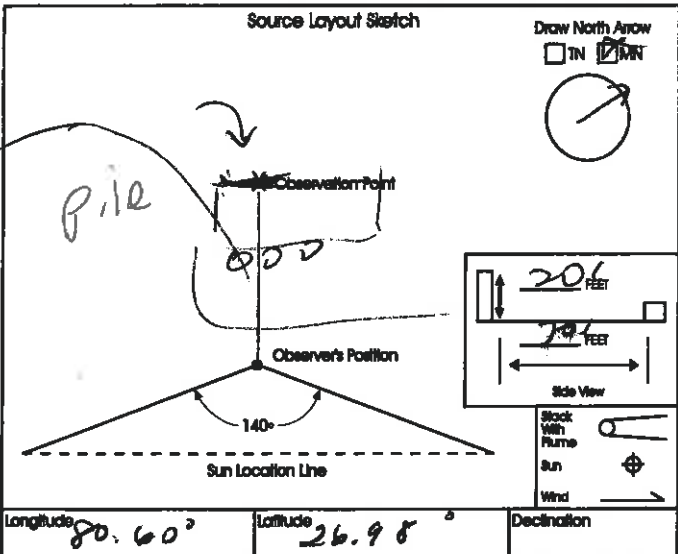
Describe Emission Point  
open top of grizzly

Height of Emiss. Pt. Start 20' End \_\_\_\_\_ Height of Emiss. Pt. Rel. to Observer Start 20' End \_\_\_\_\_  
 Distance to Emiss. Pt. Start 70' End \_\_\_\_\_ Direction to Emiss. Pt. (Degrees) Start 305° End 305°

Vertical Angle to Obs. Pt. Start 22° End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start 100 ft 270° End \_\_\_\_\_

Describe Emissions aggregates  
 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 3 End SSE Wind Direction Start SSE End \_\_\_\_\_ Ambient Temp. Start 80° End \_\_\_\_\_ Wet Bulb Temp. \_\_\_\_\_ RH Percent 66%



Observation Date		Time Zone			Start Time	End Time
<u>10/18/2013</u>		<u>est</u>			<u>10:55</u>	<u>11:25</u>
Sec	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		
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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) Patricia Tampas  
 Observer's Signature [Signature] 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: \_\_\_\_\_

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 Continued on VEO Form Number \_\_\_\_\_

Company Name 7775638  
 Facility Name Lake Point Restoration  
 Street Address U.S 441 and Kanner Hwy  
 City Port Mayaca State FL Zip 33438

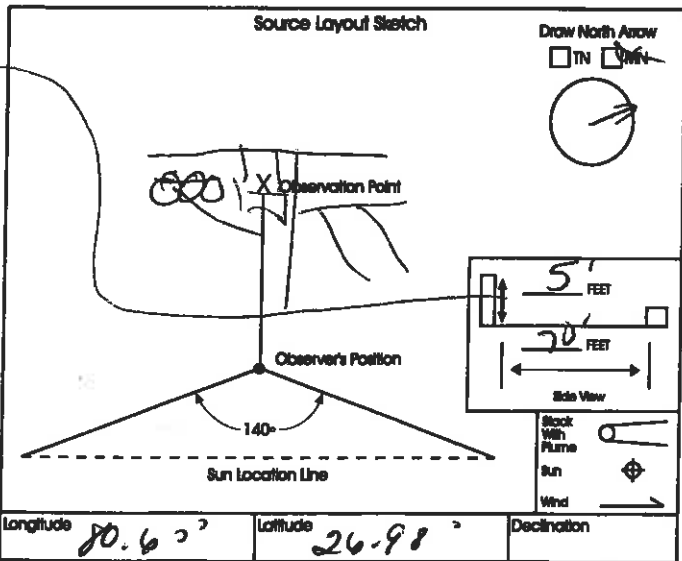
Process sorter w/ grizzly Unit # 1 Operating Mode \_\_\_\_\_  
 Control Equipment none Operating Mode \_\_\_\_\_

Describe Emission Point  
drop area to conveyor belts  
small rock - 1st drop  
 Height of Emiss. Pt. Start 5' End \_\_\_\_\_ Height of Emiss. Pt. Rel. to Observer Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance to Emiss. Pt. Start ~70' End \_\_\_\_\_ Direction to Emiss. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_

Vertical Angle to Obs. Pt. Start 3' End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start 310 End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start West ~70' End \_\_\_\_\_

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

Describe Plume Background  
 Start sky End \_\_\_\_\_ Background Color blue Sky Conditions Start clear End \_\_\_\_\_  
 Wind Speed Start 3 End \_\_\_\_\_ Wind Direction Start SSE End \_\_\_\_\_  
 Ambient Temp. Start 82 End \_\_\_\_\_ Wet Bulb Temp. \_\_\_\_\_ RH Percent 66%



Longitude 80.63 Latitude 26.98 Declination \_\_\_\_\_

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

Observation Date	Time Zone	Start Time	End Time	Comments			
Min	Sec	0	15	30	45		
1	20	5	0	0			
2	0	0	0	0			
3	20	10	5	0			
4	5	0	0	0			
5	5	0	0	0			
6	5	5	0	0			
7	10	0	10	5			
8	0	5	0	0			
9	0	5	0	0			
10	5	0	5	5			
11	0	0	0	0			
12	5	5	5	0			
13	0	0	0	0			
14	0	0	0	0			
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20	0	0	0	5			
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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) Patricia Tampa  
 Observer's Signature [Signature] Date 10/18/2013  
 Organization FDEP  
 Certified By ETA Date 7/7/2013

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Form Number	Page
Continued on VEO Form Number	

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

Company Name: 777 5638 - 0850152

Facility Name: Lake Point Restoration

Street Address: US 441 and Kanner Hwy

City: Port Mayaca    State: FL    Zip: 33438

Process: <u>wash plant machinery</u>	Unit #	Operating Mode
Control Equipment: <u>none</u>		Operating Mode

Describe Emission Point:  
drop to conveyor  
medium size

Height of Emiss. Pt. (ft.):  
Start: 8    End: \_\_\_\_\_    Height of Emiss. Pt. Rel. to Observer  
Start: \_\_\_\_\_    End: \_\_\_\_\_

Distance to Emiss. Pt. (ft.):  
Start: 70    End: \_\_\_\_\_    Direction to Emiss. Pt. (Degrees)  
Start: 320    End: \_\_\_\_\_

Vertical Angle to Obs. Pt. (Degrees):  
Start: 20    End: \_\_\_\_\_    Direction to Obs. Pt. (Degrees)  
Start: \_\_\_\_\_    End: \_\_\_\_\_

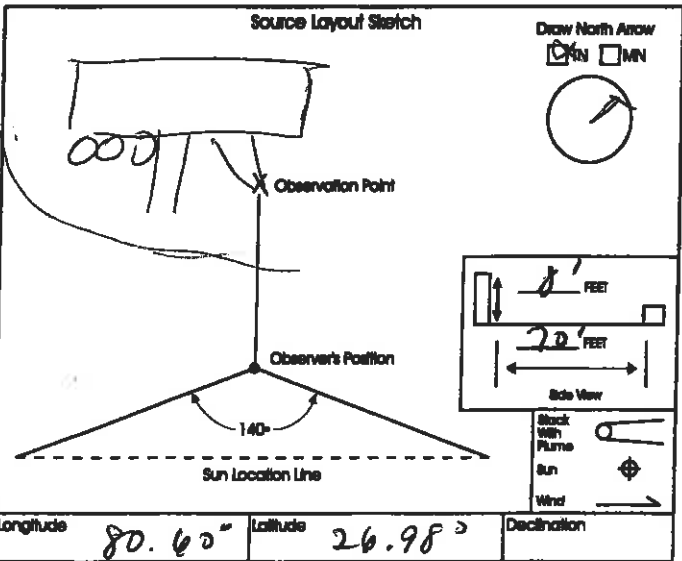
Distance and Direction to Observation Point from Emission Point  
Start: \_\_\_\_\_    End: \_\_\_\_\_

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

Describe Plume Background:  
Start: equipment    End: \_\_\_\_\_    Sky Conditions  
Background Color: brown    End: \_\_\_\_\_    Start: clear    End: \_\_\_\_\_

Wind Speed: \_\_\_\_\_    Wind Direction: SSE

Ambient Temp.: 84    Wet Bulb Temp.: \_\_\_\_\_    RH Percent: 86



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

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

Sec Min	Time Zone: <u>EST</u>				Start Time: <u>1055</u>	End Time: <u>1125</u>	Comments
	0	15	30	45			
1	5	0	0	0			
2	0	0	0	10			
3	10	0	0	0			
4	0	0	0	0			
5	5	0	0	5			
6	5	0	0	0			
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8	0	0	0	0			
9	0	0	0	0			
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25	0	0	0	0			
26	0	0	0	0			
27	5	0	0	0			
28	0	0	0	0			
29	0	0	0	0			
30	0	0	0	0			

# EPA VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One)  
 Method 9    203A    2038    Other: \_\_\_\_\_

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

Company Name: 7775638  
 Facility Name: Lake Point Restoration  
 Street Address: US 441 and Kanner Hwy  
 City: Port Mayaca State: FL Zip: 33438

Process: Grassy swam Unit # 1 Operating Mode \_\_\_\_\_  
 Control Equipment: none Operating Mode \_\_\_\_\_

Describe Emission Point:  
Long chimney

Height of Emiss. Pt. Start \_\_\_\_\_ End \_\_\_\_\_ Height of Emiss. Pt. Rel. to Observer Start \_\_\_\_\_ End \_\_\_\_\_  
 Distance to Emiss. Pt. Start \_\_\_\_\_ End \_\_\_\_\_ Direction to Emiss. Pt. (Degrees) Start \_\_\_\_\_ End \_\_\_\_\_

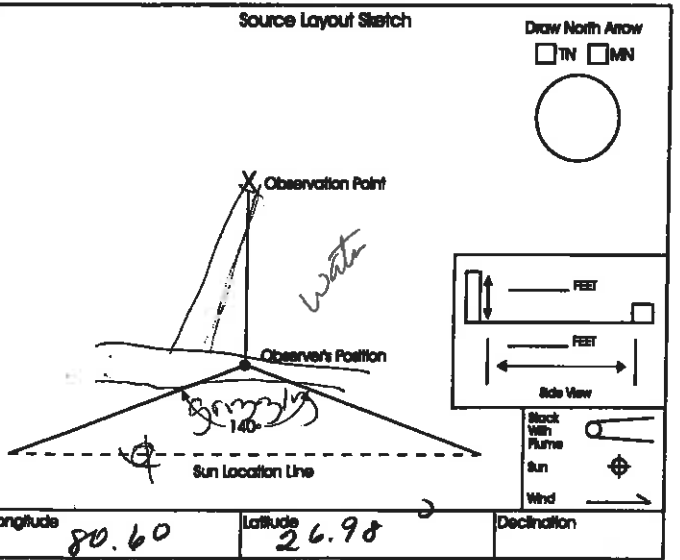
Vertical Angle to Obs. Pt. Start 75 End \_\_\_\_\_ Direction to Obs. Pt. (Degrees) Start 320 End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point Start \_\_\_\_\_ End \_\_\_\_\_

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

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

Sec Min	Time Zone				Start Time	End Time	Comments
	0	15	30	45			
1	0	0	0	0	.1103	1201	
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			
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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): 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: \_\_\_\_\_

Company Name: Lake Point Restoration 7775638  
 Facility Name: US 441 and Kanner Hwy (SR76)  
 Street Address: \_\_\_\_\_  
 City: Port Mayaca      State: FL      Zip: 33438

Process: grit/sortn      Unit # 1      Operating Mode: \_\_\_\_\_  
 Capital Equipment: none      Operating Mode: \_\_\_\_\_

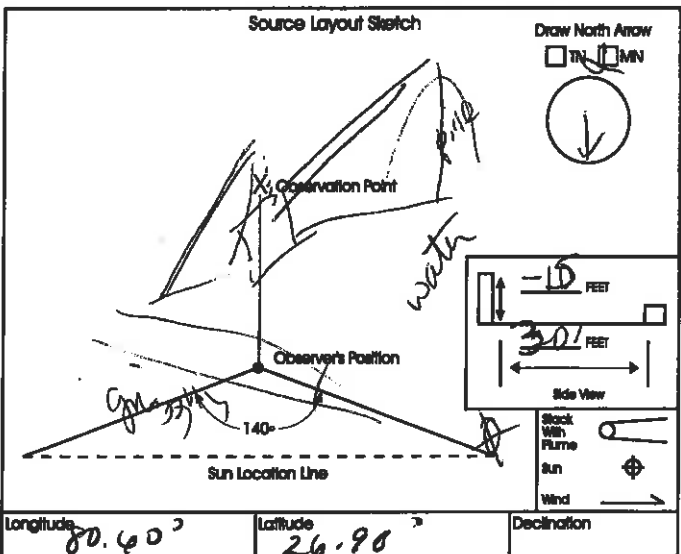
Describe Emission Point:  
Small discharge to conveyer

Height of Emiss. Pt.      Height of Emiss. Pt. Rel. to Observer  
 Start 10'      End \_\_\_\_\_      Start -15      End \_\_\_\_\_  
 Distance to Emiss. Pt.      Direction to Emiss. Pt. (Degrees)  
 Start 20'      End \_\_\_\_\_      Start 290      End \_\_\_\_\_

Vertical Angle to Obs. Pt.      Direction to Obs. Pt. (Degrees)  
 Start -33      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_  
 Distance and Direction to Observation Point from Emission Point  
 Start South of 30'      End \_\_\_\_\_

Describe Emissions  
 Start aggregated      End \_\_\_\_\_  
 Emission Color: red      Water Droplet Plume  
 Start \_\_\_\_\_      End \_\_\_\_\_      Attached       Detached       None

Describe Plume Background  
 Start ground      End \_\_\_\_\_  
 Background Color: brown      Sky Conditions: clear  
 Start \_\_\_\_\_      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_  
 Wind Speed: \_\_\_\_\_      Wind Direction: \_\_\_\_\_  
 Start \_\_\_\_\_      End \_\_\_\_\_      Start \_\_\_\_\_      End \_\_\_\_\_  
 Ambient Temp.: \_\_\_\_\_      Wet Bulb Temp.: \_\_\_\_\_      RH Percent: \_\_\_\_\_  
 Start \_\_\_\_\_      End \_\_\_\_\_



Additional Information  
Even top looking down  
Sun angle not possible

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	0					
2	0	0	0	0	0					
3	0	0	0	0	0					
4	0	0	0	0	0					
5	0	0	0	0	0					
6	0	0	0	0	0					
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28	0	0	0	0	0					
29	0	0	0	0	0					
30	0	0	0	0	0					

Observer Name (Print): Patricia Tampas  
 Observer's Signature: \_\_\_\_\_ Date: 10/19/2013  
 Organization: FPEP  
 Certified By: ETA Date: 7/7/2013