

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill - Benzene Remediation		Site Location: Volusia County	
Well #: B78-1	Sample ID:	Date: 2/28/11	

PURGING DATA

YSI: 026062697

[illegible]

SAMPLING DATA

[illegible]

Weather

Conditions

☐ Sunny

~~[]~~ Partly Cloudy

☐ Cloudy

Temperature: 78

Rain: [Yes] No

Wind Speed: 10-10

Wind Direction: N

<input type="checkbox"/> Surface Water		Taken From:		<input type="checkbox"/> Waste Water: Start Time _____ Finish Time _____	
Total Depth: _____		<input type="checkbox"/> Shore	<input type="checkbox"/> Surface	Sampling Point: _____ Volume: _____	
Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream		<input type="checkbox"/> Boat	<input type="checkbox"/> Mid-Depth	<input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> River <input type="checkbox"/> Other _____		<input type="checkbox"/> Bridge	<input type="checkbox"/> Bottom	mL per: <input type="checkbox"/> Hour <input type="checkbox"/> ½ Hour <input type="checkbox"/>	
		<input type="checkbox"/> Wading	<input type="checkbox"/> Other		
<input type="checkbox"/> Soils/Sediment		Sampling Point: _____		Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Drum Waste		Type: _____		Layers [Yes] [No] <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
<input type="checkbox"/> Other: _____		Sampling Point: _____		Sample Depth: _____ <input type="checkbox"/> Composite <input type="checkbox"/> Grab	
Discharged Method		<input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel			
Field Notes:		On Ice @ 1638		Bottles Preserved <2pH	
See Work Order/Bottle Order					

Pace Analytical Field Sampling Log

Site Name: Tomoka Landfill - Benzene Remediation		Site Location: Volusia County	
Well #: <u>B80-2</u>	Sample ID:		Date: <u>2/28/11</u>

PURGING DATA

YSI: 02606/2697

Well Diameter: 2"	Tubing Diameter: 3/8"	Well Screen Interval Depth: Feet to	Static Depth to Water: <u>8.70</u>	Sampling Device: <u>EDSP FD-12</u>
Well Volume Purge: (Total Well Depth - Static Depth to Water) X Well Capacity = Well Volume				
(<u>18.41</u> - <u>8.70</u>) X 0.16 Gallons/Foot = <u>1.5536</u> Gallons				
Equipment Volume Purge: Pump Volume + (Tubing Capacity X Tubing Length) + Flow Cell Volume = Equipment Volume				
+ (X) + = Gallons				
Initial Pump or Tubing Depth in Well (Feet): <u>12</u>	Final Pump or Tubing Depth in Well: <u>12</u>	Purging Initiated At: <u>1200</u>	Purging Ended At: <u>1213</u>	Total Volume Purged (Gallons): <u>3.25</u>

Time	Volume Purged (Gal)	CUMUL Volume Purged (Gal)	Purge Rate (gpm)	Depth to Water (Feet)	pH (Standard Units)	Temp. (°C)	Conductivity (µmhos/cm or µS/cm)	Dissolved Oxygen (circle mg/L or % saturation)	Turbidity (NTUs)	Color (Describe)	Odor (Describe)	ORP
<u>1207</u>	<u>1.75</u>	<u>1.75</u>	<u>25</u>	<u>11.57</u>	<u>5.90</u>	<u>20.60</u>	<u>604</u>	<u>0.55</u>	<u>48.9</u>	<u>white</u>	<u>Yes</u>	<u>60.9</u>
<u>1209</u>	<u>.50</u>	<u>2.25</u>	<u>1</u>	<u>11.44</u>	<u>5.90</u>	<u>20.67</u>	<u>598</u>	<u>0.47</u>	<u>15.6</u>	<u>1</u>	<u>1</u>	<u>56.9</u>
<u>1211</u>	<u>.50</u>	<u>2.75</u>	<u>1</u>	<u>11.44</u>	<u>5.90</u>	<u>20.70</u>	<u>595</u>	<u>0.44</u>	<u>9.94</u>	<u>1</u>	<u>1</u>	<u>55.7</u>
<u>1213</u>	<u>.50</u>	<u>3.25</u>	<u>1</u>	<u>11.44</u>	<u>5.90</u>	<u>20.77</u>	<u>593</u>	<u>0.38</u>	<u>5.39</u>	<u>1</u>	<u>1</u>	<u>54.0</u>

Well Capacity (Gallons Per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88
 Tubing Inside DIA. Capacity (Gal./Ft.): 1/8" = 0.0006; 3/16" = 0.0014; 1/4" = 0.0026; 5/16" = 0.004; 3/8" = 0.006; 1/2" = 0.010; 5/8" = 0.016

SAMPLING DATA

Sampled By (Print): <u>James Stockbridge</u>		Sampler(s) Signature: <u>[Signature]</u>		Sampling Initiated At: <u>1214</u>	Sampling Ended At: <u>1245</u>
Pump or Tubing Depth in Well (Feet): <u>12</u>	Sample Pump Flow Rate (mL per minute): <u>100-200ml</u>	Tubing Material Code: <u>PE</u>	Field Decontamination: <u>[Yes]</u> <u>[No]</u>	Field-Filtered: <u>[Yes]</u> <u>[No]</u>	Duplicate: <u>[Yes]</u> <u>[No]</u>
Sample ID Code: <u>12</u>	# Containers: <u>1</u>	Material Code: <u> </u>	Volume: <u> </u>	Preservative Used: <u> </u>	Total Volume Added in Field (mL): <u> </u>
Final pH: <u> </u>	Intended Analysis and/or Method: <u> </u>	Filter Size: <u> </u> µm	Sampling Equipment Code: <u> </u>		

Weather Conditions
☒ Sunny
☐ Partly Cloudy
☐ Cloudy
 Temperature: 73
 Rain: [Yes] [No]
 Wind Speed: 10-20
 Wind Direction: W

<input type="checkbox"/> Surface Water Total Depth: <u> </u> Type: <input type="checkbox"/> Lake <input type="checkbox"/> Stream <input type="checkbox"/> River <input type="checkbox"/> Other <u> </u>		Taken From: <input type="checkbox"/> Shore <input type="checkbox"/> Surface <input type="checkbox"/> Boat <input type="checkbox"/> Mid-Depth <input type="checkbox"/> Bridge <input type="checkbox"/> Bottom <input type="checkbox"/> Wading <input type="checkbox"/> Other <u> </u>		<input type="checkbox"/> Waste Water: Start Time <u> </u> Finish Time <u> </u> Sampling Point: <u> </u> Volume: <u> </u> <input type="checkbox"/> Composite <input type="checkbox"/> Grab mL per: <u> </u> Hour <u> </u> 1/2 Hour <u> </u>	
<input type="checkbox"/> Soils/Sediment Sampling Point: <u> </u> Sample Depth: <u> </u>		<input type="checkbox"/> Composite <input type="checkbox"/> Grab			
<input type="checkbox"/> Drum Waste Type: <u> </u> Layers <u>[Yes]</u> <u>[No]</u>		<input type="checkbox"/> Composite <input type="checkbox"/> Grab			
<input type="checkbox"/> Other: <u> </u> Sampling Point: <u> </u> Sample Depth: <u> </u>		<input type="checkbox"/> Composite <input type="checkbox"/> Grab			
Discharged Method: <input checked="" type="checkbox"/> Ground <input type="checkbox"/> Barrel					
Field Notes: <u> </u> On Ice @ <u>1246</u> Bottles Preserved <2pH					
See Work Order/Bottle Order					