

Snapshot Day 10/2/07 Data

(Salt Front RM 78.2)

RIVER MILE 4

Sara Hanna – The Science Barge/NY Sunworks, Sara Hanna, educator

Metropolitan Montessori School – Wendy Reveri, teacher

16 second grade students

Location: Pier 84

Area: *Sampling off the Science Barge stationed at the pier - large pier with boat inset in docking area*

Surrounding Land Use: urban/residential 25% & Industrial Commercial 75%

Sampling Site: Bulkhead area and concrete pipe in area

Plants in area: None

Land Use: Boating & Swimming

Water Depth: 30 (?)

River Bottom – muddy – water brownish green

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed				Water calm
Cloud Cover	no			
Weather today				
Weather recently				
<i>Water Temperature</i>				
<i>Turbidity</i>				
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO (drop count kit)	12:20	4.0 ppm		
pH	12:20	5.8		meter
Phosphate				
Nitrate	12:20	0 ppm		
Alkalinity				
Salinity	12:20	21.6 ppt		meter
<i>Invertebrate Catch</i>	<i>Number Caught</i>	<i>Species</i>		<i>Minnow traps</i>
<i>Tides</i>				
<i>Currents</i>				

<i>Other</i>	<i>Organic</i>	Seagulls	leaves	Feathers in the water
	<i>Non-organic</i>	helicopter	Barges with cranes	
<i>Traffic</i>	12:45	Cruise ship		
	12:45	East West Circle Line		
	12:45	South Ferry		
	12:45	East Water Taxi		
	12:45	East Tiny Motor Boat		