

**Snapshot Day 10/7/08 Data  
(Salt Front RM 63.4)  
RIVER MILE 76**

**Waryas Park, Poughkeepsie, Dutchess County  
Lisa DiMarzo, Mid-Hudson Children's Museum  
Jon Sokol, Sheafe Road Elementary School 4<sup>th</sup> grade -85 students**



**Location:** Near the pavilion structure off walkway north of Waryas Park.

**Area:** public park

**Surrounding Land Use:** 50 % urban/residential; 20% Industrial/commercial; 50% park

**Sampling Site:** shoreline is riprap,

**Plants in area:** ~ 20% of area has plants in the water.

**Tidal Shallows:** Water celery 80%, Water Milfoil 10%

**Water depth:** not noted

**River Bottom** –muddy, rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:10 AM	10°C 49 °F	12:06 PM	13°C 60 °F
Wind Speed	2 knots			
Cloud Cover				
Water	Calm			
Weather recently	No rain			
<i>Water Temperature</i>				
<i>Turbidity</i>				
<i>Chlorophyll</i>	10:09 AM	0.1		
<i>Chemical</i>				

DO (Test tabs)				
* testabs not very accurate				
pH – indicator solutin	10:27 AM	7.0 6.5 7.0		7.0 average
Phosphate				
Nitrate				
Alkalinity				
Salinity - Quantab testtabs- low chloride	10:27AM	1.0 1.0 1.2		
<b><i>Fish Catch 30 ft X 50 ft pull</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>CPUE</i></b>	<b><i>Seine 3 pulls</i></b>
<b><i>Hudson Net</i></b>	3	American Eel		
11:30 AM - 27 11:50 AM - 14 12:00 noon - 17	22	Spottail shiners		
	36	Sunfish		
<b><i>Creek Net</i></b>	6	Banded Killifish		
	20	Tesselated Darters		
	25	Caddisfly Larva		
	50	Scuds		
<b><i>Tides</i></b>	10:10AM		Falling	
	10:27 AM		Falling	
	10:45 AM		Falling	
	11:15 AM		Slack	
	12:06 PM		Slack	
	12:25 PM		Rising	
<b><i>Currents</i></b>				
<i>Mouth of the Fallkill makes it difficult to do current reading</i>				
<b><i>Traffic</i></b>	9:56 AM	Tug		
<b><i>Other Items</i></b>				