

**Snapshot Day 10/12/06 Data  
(Salt Front RM 52.5)**

**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**



**Location:** Near the pavilion structure just south of Fall Kill mouth at Waryas Park.  
Sampling taken off the riprap

**Area:** public park

**Surrounding Land Use:** 60 % urban/residential; 20% Industrial/commercial; 20% recreation

**Sampling Site:** shoreline is riprap, along sidewalk path in park, some grassy play areas

**Plants in area:** plants submerged – not visible

Tidal Shallows Plants	water celery present –unsure of percent	See seed pods of water chestnut but expect they washed in
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**Water depth:**

**River Bottom** –sandy rocky bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:00 AM	16.6°C 62 °F	1:00 PM	19°C 66 °F
Wind Speed	4-6 knots			
Cloud Cover				
Weather today	Light drizzle around 11AM for a few minutes, sun later in day			
Weather recently	Steady rain last night			
<i>Water Temperature</i>	11:00 AM	62° F 17°C		
<i>Turbidity</i>				

<b>Chlorophyll</b>	11:30 AM	0.5		
<b>Chemical</b>				
DO (Test tabs)	12:30 PM		19°C	40%
* testabs not very accurate				
pH – test strips	11:00- noon	7.8	7.2	7.8
Phosphate				
Nitrate				
Alkalinity				
Salinity - Quantab testtabs	11:00- noon	28 ppm	34 ppm	28 ppm
<b>Fish Catch 30 ft X 20 ft pull</b>	<b>Number Caught</b>	<b>Species</b>	<b>CPUE</b>	<b>Seine 4 pulls</b>
	3	American Eel	Catch of 3	11:00 AM
	2	Spottail shiners	Catch of 2	11:15 Am
	1	Striped bass	Catch of 0	11:35 AM
	2	Sunfish	Catch of 1	11:40 AM
	1	Yellow perch		
	1	Zebra mussels		
<b>Tides</b>	10:30 AM		Falling	Observed wet rocks on shore
	11:00 AM		Falling	
<b>Currents</b>				
<b>Traffic</b>	All day	Sloop Clearwater	Circled under Mid-Hudson Bridge during our event time	
<b>Other Items</b>	freight train going north on west side of river; fishing boat going south; ship sailing; kayaker; wind moving branches, flag, water; birds;			