

Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
RIVER MILE 76
Waryas Park, Poughkeepsie, Dutchess County
Lisa DiMarzo, Mid-Hudson Children's Museum
Jon Sokol, Sheafe Road Elementary School 4th grade -87 students
N 41 – W 73



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

Area: public park

Surrounding Land Use: 50 % urban/residential; 20% Industrial/commercial; 30% park

Sampling Site: shoreline is riprap, shore bulkheaded

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>
Physical				
Air Temperature	10:14AM	15°C 59 °F	12:15 PM	21°C 70 °F
Wind Speed	2 beaufort	4-6 kts	4-7 mph	
Cloud Cover	Partly cloudy	No rain		
Water	Calm			
Weather recently	The day before – Wed., 10/7/09, was extremely windy			
Water	10:00 AM	60°F		

<i>Water Temperature</i>	10:00 AM	60°F 16°C		
<i>Turbidity</i>	10:56AM	40 JTU		
<i>Chlorophyll</i>	10:30 AM	2.0		
<i>Chemical</i>				
DO (Test tabs)				
pH – indicator solution	10:10 AM	8.0		
Salinity - Quantab testtabs- low chloride	10:10AM	2.0 or 60 ppm Cl		
<i>Fish Catch 30 ft X 15 ft pull – 30'X4'</i>	<i>Number Caught</i>	<i>Species</i>	<i>Largest</i>	<i>CPUE – 20 ft. pulls each</i>
1 st pull - 25	14	Spottail shiner	2 inch	
	1	Lg.Mouth bass	7 inch	
	6	Sunny	5 inch	
	1	Killifish	1 inch	
	3	Bluecrab	1 inch	
2 nd pull - 8	4	Spottail shiner	2 inch	
	3	Sunny	4 inch	
	1	Bluecrab	1 inch	
3 rd pull – 5	3	Spottail shiner	2 inch	
	2	Sunny	3 inch	
FALL KILL	3	Crayfish		
	4	Darters		
	4	American Eels	10 inch	eel pot
<i>Tides</i>	10:14			
	10:32	Unchanged		
	10:55	Unchanged		
	11:24	Rising		
	11:47	Rising		
	12:15	Rising		
	12:35	rising		
<i>Currents</i>	Sampling site is at the confluence of the Fall Kill and the Hudson River.			
	10:14	S	ebb	
	10:32	S	ebb	
	10:55	S	ebb	
	11:24	S	ebb	