

Snapshot Day 10/2/07 Data
(Salt Front RM 78.2)
RIVER MILE 76
Waryas Park, Poughkeepsie, Dutchess County
Lisa DiMarzo, Mid-Hudson Children's Museum
Jon Sokol, Sheafe Road Elementary School 4th grade - 95 students

Location: Near the pavilion structure just south of Fallkill Creek mouth at Waryas Park.

Area: public park

Surrounding Land Use: 80 % urban/residential; 20% Industrial/commercial;

Sampling Site: shoreline is riprap, collected wood and debris; mouth of the Fallkill enters river here.

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

Tidal Shallows: Water celery

Water depth: not noted

River Bottom –muddy past rip rap, sandy, debris at creek mouth

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:07 AM	17.5°C 59.1 °F	12:25 PM	22.5°C 72.5 °F
Wind Speed	1-3 knots	Light air	Beaufort force #1	
Cloud Cover	Partly cloudy			
Weather today	sunnier later in day			
Weather recently	No rain – sunny, seasonable days			
<i>Water Temperature</i>	1:00 PM	71° F 21.6°C		
<i>Turbidity</i>	10:47 AM	40 JTU	40 JTU	40 JTU
<i>Chlorophyll</i>	10:30 AM	0.3		
<i>Chemical</i>				
DO (Test tabs)	1:15 PM	7 mg/L	21.6°C	80%
* testabs not very accurate				
pH – test strips	11:30	7	7	7
Phosphate				
Nitrate				
Alkalinity				
Salinity - Quantab testtabs- low chloride	11:30 AM	1.6 1.6 1.6	34 ppm	45 ppm Cl- .007 %NaCl
<i>Fish Catch</i> <i>30 ft X 20 ft pull</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine</i> <i>4 pulls</i>
	3	American Eel		

11:15 AM 11:30 AM 11:45 AM 12:00 noon	55	Spottail shiners		
	12	Striped bass		
	18	Sunfish		
	6	Banded Killifish		
	16	Herring		
	6	Hogchokers		
	2	Smallmouth Bass		
	8	Tesselated Darters		
	4	White Perch		
	2	Largemouth Bass		
	2	Bluecrab		
	4	Isopods		
	1	Crayfish		
	4	Isopods		
	30	Scuds		
<i>Tides</i>	10:07 AM		Falling	
	10:22 AM		Falling	
	10:44 AM		Falling	
	11:04 AM		Falling	
	11:44 AM		Falling	
	12:05 PM		Slack	
<i>Currents</i>				
<i>Mouth of the Fallkill makes it difficult to do current reading</i>				
<i>Traffic</i>				
<i>Other Items</i>	On the third seine found a bright orange construction cone! Also pulled piling wood pieces from net.			