Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
RIVER MILE 138 – Henry Hudson Park
Dee Strnisa, Five Rivers & New York State DEC
Kari Murad, Mary Cosgrove & students, Mt. St. Rose College
Susan Schiavoni, Delaware Community School – 3ʳᵈ & 5ᵗʰ
42 elementary students, 2 teachers,
20 St. Rose students, 2 graduate students, 3 faculty
Coordinates: 42.64 N, 73.74 W

A group of the Delaware Community School students

Note: This is a very special relationship between the College students and the elementary school students. As preparation the College Students completed a 2.5 hour lab at the River completing all the tests and then they met with the Elementary Students and completed a 2 hour lab with them running through all the tests.

Location: Waterfront of Henry Hudson Park
Area: Park/Boat launch,
Surrounding Land Use: 100% parkland with 75% vegetated coverage – grassy, parking lot, used for picnics, boating, fishing
Sampling Site: Banks altered, riprap, bulkheaded - rocky
Plants in area: Smartweed, ragweed, Joe-pye weed, jewelweed, purple loosestrife, grass
Water depth:
River Bottom –
Water - calm

ITEM	*Time*	*Reading 1*	*Reading 2*	*Comments*
Physical				
Air Temperature	10:30 am	62 F		

	11:18 am	63 F,		
Wind Speed	Beaufort 2 Later 3			
Cloud Cover	few clouds			
Weather today	Sunny & bit windy			
Weather last 3 days	Windy and rain			
Water Temperature	10:57 AM	15°C 60 °F	16°C 60 °F	15.5°C avg. 60 °F
Turbidity Large site tube	10:34 AM	34 cm		
	10:57 Am	44.4 cm		
	11:33 Am	59.4 cm		
	11:37 Am	58 cm		
	11:38 AM	64 cm		
Chlorophyll	10:34 AM	0.3		
	10:57 Am	0.4		
	11:33 AM	0.1		
Chemical				
DO *Drop count*	10:34AM	9.2 mg/L	90% saturations	
pH	10:34 AM	7.1	7.3	Avg. 7.2
Salinity *Test strip*	10:30 AM	99 ppm Cl		
Fish Catch	*Number Caught*	*Species*	*Seines*	
	1	Freshwater silverside		
	2-3	shiners		
Tides	10:23 am	1.23 m,		
	11:00 am	1.16 m	falling	ebb
Currents				
Other Items				
Core Description	*Total Length*	*Top Layer*	*Second Layer*	*Describe*
Commercial Traffic				
Other				