

Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
RIVER MILE 138 – Henry Hudson Park
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Amanda Higgs, Fisheries Division DEC
Ron Montesi, Goff Middle School – 139 MS students

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

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed	Beaufort 1		North	
Cloud Cover	No clouds			
Weather today	sunny			
Weather last 3 days	Sat. rain & gray, Sun. sunny, Mon. cloudy and rain			
<i>Water Temperature</i>	10:05 AM	19°C	Sunny	
	10:30 AM	18°C	Sunny	
	11:00 AM	18°C	Sunny	
	12:30 PM	18°C	Sunny	
<i>Turbidity</i> Small site tube		30 JTU		
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO <i>Drop count</i>	10:00AM 10:30AM 11:00AM	2 mg/L 3 mg/L 1.5 mg/L	% saturations 20-30%	*Questioned effectiveness of kit used. Numbers not logical
pH	10:05 AM	8		

	10:30 AM	7.5		
	noon	8		
	12:30 PM	8		
Salinity <i>Test strip</i>				
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>Seines</i>	<i>1 seine with fish catch – 2 dry runs</i>
<i>Seine – 7 total (5 empty seines)</i>	12	Banded Killifish	SEINE 1	Total 14 Diversity 2
	2	Sunfish		
	1	Banded Killifish	SEINE 2	Total 1 Diversity 1
	7	Banded Killifish	FISHTRAPS	Total 12 Diversity 3
	2	Sunfish		
	3	Silvery Minnows		
<i>Tides</i>	10:05 AM	77 cm		
	10:30 AM	78 cm	Barely changed	
	noon	66 cm	falling	
	12:30 PM	53 cm	falling	
<i>Currents</i>	10:05 AM		flood	
	10:30 AM		ebb	
	noon		ebb	
	12:30 PM		ebb	
<i>Other Items</i>				
<i>Core Description</i>	<i>Total Length</i>	<i>Top Layer</i>	<i>Second Layer</i>	<i>Describe</i>
Commercial Traffic	10:34 AM		full	Northbound
	11:08 AM	Marglot	tug	Southbound
Other	Eagle	Geese		