

**Snapshot Day 10/12/06 Data**  
**(Salt Front RM 52.5)**  
**RIVER MILE 153**  
**River Park, Green Island Park, Troy**  
**Sarah Smith & Dawn Baldwin, Children's Museum of Science and Technology**  
**Diane Mulch, Heatly School – 10<sup>th</sup> grade students**

**Location:** Park @ Green Island North of Heatly School

**Area:** park above bluff and then beach below

**Surrounding Land Use:** Beach, covered with vegetation, shoreline riprap, pipe entering river 100 ft. south of sampling site

**Sampling Site:** Urban/residential 20%; Forested 10%; Beach 50% (rocky); Industrial/Commercial 15%.

**Plants in area:** no plants noted in water. Land plants include Sugar Maples and 5% Sumacs

**Water depth:** 2.5 ft.

**River Bottom:** rocky bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<b>Physical</b>				
Air Temperature	8:38 AM	61 °F 16.7°C	8:47 AM	63 °F 17.5°C
Wind Speed	6 Beaufort	S-N	Water calm	
Cloud Cover	overcast			
Weather today	cloudy			
Weather recently	Cool and breezy – rainlast night			
<b>Water Temperature</b> <i>Shady area (2 ft. water)</i>	8:15 AM	14.9°C 58.6° F	15°C 59.4° F	15°C 58.9° F
<b>Turbidity</b>	Not provided			
<b>Chlorophyll</b>				
<b>Chemical</b>	9:02 AM	0.5		
DO (Drop count kit)	9:48 AM	10 mg/L	14.85°C	100%
pH	9:19 Am	7.0	7.0	7.5
Phosphate				
Nitrate				
Alkalinity				
Salinity				
<b>Fish Catch</b>	<b>Number</b>	<b>Species</b>	<b>CPUE</b>	<b>Seine</b>

<i><b>Fish Catch</b></i>	<i><b>Number Caught</b></i>	<i><b>Species</b></i>	<i><b>CPUE</b></i>	<i><b>Seine</b></i>
30' long X 3'tall				3 tries with no success
<i><b>Tides</b></i>	8:27 AM	14 cm		
	8:47 AM	23 cm	Rising	
<i><b>Currents</b></i>	8:03 AM	Ebbing		
<i><b>Traffic</b></i>	9:05 Am	5 recreational & 1 fishing boat	Southbound from the lock	
<i><b>Other Items</b></i>	Squirrels	Gulls	Construction on beach area immediately South	
<i><b>Core Description</b></i>	<b>Yes</b>	<b>Rare</b>	<b>Common</b>	<b>Abundant</b>
	Unable to core – Bottom very rocky – nearly high tide			