

Snapshot Day 10/7/2008
(Salt Front RM 63.4)
RIVER MILE 7 up to RM 11 and back
Starting @ 79th St. Boat Basin – up to the GW Bridge & back
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Location: 79th St. Boat Basin for plankton & minnow traps. Chemistry and trawl from Mid River South of the George Washington Bridge by Edge Water, New Jersey

Area: public boat basin and mid river

Surrounding Land Use: marina

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	2:25 PM 2:25 PM	13°C	15°C	Average 14°C
Wind Speed	4-6 knots			Wind direction from the North
Cloud Cover	Clear			
Weather today	Clear			
Weather recently	Cool and windy; cirrostratus			
<i>Water Temperature</i>	1:52 PM	16°C 17°C 16.5°C		Average 16.5°C
N40°50.762 W73°57.324	1:54 PM	21°C 22°C 21°C		Average 21.33°C
<i>Turbidity</i>				
<i>Chlorophyll</i>				
<i>Chemical</i>				

DO (color comparator)	Boat times 1:52 PM	8 mg/L	16°C	Collected water in the shade
pH indicator solution <i>surface sample</i>	1:36 PM			
Phosphate				
Nitrate Lamotte test kit	1:03 PM			
Salinity refractometer		12 ppt		Avg 12 ppt
Turbidity				
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Trawled</i>
W73°57.78 N 40°50.48	1 (18 cm)	Oyster toad fish		Depth 16 ft.
	100 + (about 3- 10 mm across carapace)	Small crabs		
Trawl net became fouled by two old fish traps. Traps covered with seaweed and housed a few mussels and sea squirts. Traps also accumulated marine debris: many plastic bags, an old cup, an old can, and a piece of tire.				
<i>Tides</i>				