

Snapshot Day 10/2/07 data
(Salt Front RM 78.2)
RIVER MILE 7 up to RM 11 and back
Starting @ 79th St. Boat Basin – up to the GW Bridge & back
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students

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

Sampling Site: Plants in area:

Water depth:

River Bottom –

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	1:00 PM	25°C		
Wind Speed	7-20 knots			
Cloud Cover	Partly cloudy			
Weather today	Cloudy			
Weather recently	No rain for last 3 days, warm for October			
<i>Water Temperature</i>	1:36 PM	22°C 22°C 21°C		Average 21.67°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>	4:00 PM	0.1-0.3	Sample taken @ 79 th street boat basin	
<i>Chemical</i>				
DO (color comparator)	Boat times 1:42 PM	6 mg/L	22°C	65% saturated
pH – indicator solution <i>surface sample</i>	1:03	8.0 X 3 times	N40°49.470 W73°57.452	
Phosphate				
Nitrate Lamotte test kit	1:03 PM	< 5 mg/L X 3		

Alkalinity				
Salinity - hydrometer	Boat times 1:51 PM	17 ppt 18 ppt 21 ppt	N40°50.762 W73°57.324	Average 18.67 ppt
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>trawled</i>
<i>N40°50.88</i> <i>W73°51.52</i>	Some	barnacles		<i>Drop net</i> <i>12:09:28</i>
	3	Blue crab		<i>Lift net</i> <i>12:19:20</i>
	1	combjelly		<i>1.0 knots</i>
	8	Hog chokers		
	5	mummichogs		
	1	Glass shrimp		
	1	Sand shrimp		
	1	catfish		
	2	silversides		
	1	Oyster toadfish		
	1	Juvenile moon jelly		
<i>Tides</i>				