

Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)
RIVER MILE 7 and River Mile 11
79th St. Boat Basin (plankton & minnow traps)
Mid River South of the George Washington Bridge by Edge Water, New Jersey
Sloop Lettie G. Howard, South Street Seaport
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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

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				
Wind Speed				
Cloud Cover				
Weather today	Cloudy			
Weather recently	Heavy rain last night			
<i>Water Temperature</i>		18.5°C		
<i>Turbidity –</i>				
<i>Chlorophyll</i>				
<i>Chemical</i>				

DO (color comparator)	Boat times 11AM- 3:45PM	7.2 mg/L	18.5°C	77% saturated
pH –				
Phosphate				
Nitrate				
Alkalinity				
Salinity - hydrometer	Boat times 11AM- 3:45PM	13.3 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>trawled</i>
	1 (6 inch)	Tomcod		
	22 (1 inch)	Glass shrimp		
	11 (5 inch)	Hog chocker		
	2 (7-8 inch)	Oyster toadfish		
	1 (1 inch_	Striped sea robin		
	28 (103 inch)	Blue crab		
	15 (3-5 inch)	Blue crab		
	4 (6-7 inch)	Blue crab		
	6 (3-5 inch)	Weakfish		
	1 (3 inch)	Mantis shrimp		
<i>Minnow Traps</i> <i>79th street</i>	1 (1.5 inch)	Grubby		Trap #1
	2 (2 inch)	Glass Shrimp		
	1 (2 inch)	Glass shrimp		Trap #2
	1 (1/2 inch)	Mud crab		Trap #3
<i>Plankton</i> <i>79th street</i>	Dinoflagellates	Diatoms		<i>Phytoplankton</i>
	Copepods	Zoea	Comb Jelly	<i>Zooplankton</i>
	Sea lice			
<i>Tides</i>				
<i>Currents</i>				
<i>Traffic</i>				
<i>Other Items</i>				