

**Snapshot Day 10/18/11 Data
(Salt Front RM 35.7)
RIVER MILE 145**

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Location: Floating dock at riverfront park

Area: A path along the beach with rising forested hills

Surrounding Land Use: Urban with sidewalks & amphitheater, picnic tables

Sampling Site: vegetation, banks altered, shoreline with raprap – floating dock

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
Wind Speed	12:55 PM	Beaufort #3		
Cloud Cover				
Weather today				
Weather recently				
<i>Water Temperature</i>	12:55 PM	14.5°C		
	11:10 AM	14.5°C		
<i>Water calm</i>				
<i>Turbidity – long site tube</i>	12:30 PM	16 cm		
<i>Chlorophyll</i>	<i>Time</i>	<i>Color Code</i>		
<i>Chemical</i>				

DO (drop count kit)	1:22 PM	11 mg/L	14.5°C	110%
pH	1:15 PM	7.75		
Salinity - quantab	1:22 PM	Less than 0.005 on strip	<29 ppm Cl-	<52.39 ppm Salinity
<i>Fish Catch</i> <i>Seine 293 X 42</i> <i>inches</i>	<i>Number</i> <i>Caught</i>	<i>Species</i>	<i>Length</i>	<i>Seine</i>
<i>8:00 AM</i>	8	Spottail Shiner	10.5 cm	<i>Group 1</i>
	3	Herring	7.7 cm	
<i>10:30 AM</i>	2	Banded Killifish	5.4 cm	
	15	Herring	6.2 cm	<i>Group 2</i>
	18	Brook Silverside	7.4 cm	
<i>11:00 AM</i>	7	Spottail Shiner	9.9 cm	<i>Group 3</i>
	7	Herring	6.5 cm	
	1	Smallmouth Bass	9.7 cm	
<i>12:45 PM</i>	8	Spottail Shiner	10.8 cm	<i>Group 4</i>
	1	Brook Silverside	7.1 cm	
<i>1:15 PM</i>	1	White Perch	12.1 cm	<i>Group 5</i>
	1 or >	Herring	6.2 cm	
<i>Total catch</i>	<i>72 or ></i>	<i>Diversity</i>	<i>6 species</i>	
<i>Currents - 12:25</i> <i>PM</i>	<i>Veolicty</i>	<i>Cm/sec</i>	<i>Knots –</i> <i>(cm/sec)/51.4</i>	<i>N/S -</i> <i>Ebb/Flood/Still</i>
	25 ft. (762 cm)/ 30.2 secs	25.23 cm/sec	0.49	