

**Day in the Life of the Hudson River 10/22/20**  
**PIER 1 GANTRY STATE PARK, LONG ISLAND CITY**  
**RIVER MILE: East River 5.7**

*Salt Front: ~ RM 75*

NYS Parks, Recreation, and Historic Preservation – Jenna Otero, 3 participants

Latitude 40.74497 N & Longitude – 73.95849 W



**Feather Blenny**



**Spider Crab covered in tunicates**

**Location:** Pier 1, Gantry Plaza State Park (East River), Long Island City, Queens, NY

**Area:**

**Surrounding Land Use:** Urban 80%, Grassy 15%, Rocky 5%

**Sampling Site:** Shoreline is rocky with some plants, piers. Sample off a concrete stepped pier

**Shoreline:** Riprap

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature</i>	10:00 AM	19 ° C	66 ° F	
<i>Wind Speed:</i>	10:00 AM	No wind		
<i>Weather today</i>	Fog			
<i>Weather past 3 days:</i>	Normal 60 F range, no rain			
<i>Tides-</i>	<i>Low Tide</i>	<i>High Tide</i>	<i>Time of Sampling</i>	<i>Tide</i>
	7:21 AM	1:45 PM	10:00 AM	Flooding
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
<i>Water Temperature-</i>	10:00 AM	17.5 ° C	63.5 ° F	
<i>Turbidity- Long sight tube</i>	10:30 AM	100.8 cm		
<b>Chemical</b>				
<i>Salinity- Hydrometer</i>	11:30 AM	21.8 ppt		
<i>DO – Chemets</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:00 AM	17.5 ° C	6 ppm	60
<i>pH – Color match kit</i>	11:45 AM	7		
<b>Biological</b>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
Caught in Mobile trap	1	Feathered Blenny	3 inch	
<b>Fish Totals</b>	<b>TOTAL: 1</b>	<b>Diversity: 1</b>		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length of smallest</i>
Caught in Mobile trap	1	Portly Spider Crab	2.5 inch	*note spider crabs caught in two separate traps
Mobile trap	2	Mud Crab		
Mobile trap	2	Blue Crab		
Caught in BOP Cage	1	Spider Crab (larger)		
<b>Macroinvertebrate Totals</b>	<b>TOTAL: 6</b>	<b>Diversity: 4</b>		

<i>Sediment Core</i>	<i>Time</i>	<i>Oxidized Top</i>	<i>Grain Size</i>	<i>Other Features</i>
NR				
<b>Boats</b>	<b>Time</b>	<b>Name/Color</b>	<b>North/South</b>	<b>Loaded/Light</b>
NR				
<b>Observations</b>				