

**Day in the Life of the Hudson River 10/22/20  
FRESHKILLS PARK, STATEN ISLAND  
RIVER MILE: Arthur Kill -9**

*Salt Front: ~ RM 75*

**Freshkills Park Alliance- Rachel Aronson, 1 participant  
Latitude 40.578275 N & Longitude – 74.184301 W**



**Location:** Freshkills Park, Staten Island, NY

**Area:** Marsh park off of the Arthur Kill.

Sizeable green space on a former landfill site featuring occasional public events and hiking trails.

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<b>Physical</b>				
<i>Air Temperature</i>	NR			
<i>Wind Speed:</i>				
<i>Weather today</i>	NR			
<i>Weather past 3 days:</i>	NR			
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>Water Height (cm)</i>	<i>Rate of Tidal Change (cm/min)</i>
	NR			
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	NR			
<i>Water Temperature-</i>	11:57 AM	64.22 ° F	17.9 ° C	
<i>Turbidity-</i>	NR			
<b>Chemical</b>				
<i>Salinity- Meter</i>	11:57 AM	21.77 ppt		
<i>DO – Meter</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:57 AM	17.9 ° C	5.3	63.8
<i>pH – Meter</i>	11:57 AM	7.28		
<b>Biological</b>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Notes</i>
	100 +	Atlantic Silverside		
<b>Fish Totals</b>	<b>TOTAL: 100</b>	<b>Diversity: 1</b>		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
<b>Macroinvertebrate Totals</b>	<b>TOTAL:</b>	<b>Diversity:</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>				