

Day in the Life of the Hudson River 10/22/20
ULSTER LANDING PARK
RIVER MILE: 97
Salt Front: ~ RM 75
Lisa DiMarza and 2 adults
Latitude 42.00425 N & Longitude – 73.94467 W



Location: Ulster Landing Park, Town of Ulster, Ulster County, NY
Area: Swimming Beach; used for fishing swimming; building with restroom
Surrounding Land Use: 90% Forested; 5% Beach; 5% Parkland with grass and picnic area
Sampling Site: Beach, altered bank with concrete bulkhead, wood debris (drift wood), slag and brick in area, drainage from bulkhead north of site
River Bottom: Sandy at edge, then very muddy

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	9:25 AM	18.4 ° C	64.9 ° F	
<i>Wind Speed:</i>	9:25 AM	2.1 km/hr		
<i>Weather today</i>	9:25 AM no rain			
<i>Weather past 3 days:</i>	Slight drizzle and warm			
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>Water Height (cm)</i>	<i>Rate of Tidal Change (cm/min)</i>
	9:40 AM	Ebbing		
<i>Current-</i>	<i>Time</i>	<i>cm/second, Knots</i>	<i>North/South</i>	<i>Comments</i>
	N/A			
<i>Water Temperature-</i>	9:55 AM	11 ° C	52 ° F	
<i>Turbidity – long site tube</i>	9:45 AM	68 cm		
Chemical				
<i>Salinity- LR Quantabs</i>	9:45 AM	52 ppm Cl ⁻	94 ppm Total Salinity	
<i>DO – Hach Drop Count</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	9:50 AM	11 ° C	13 ppm	120 %
<i>pH – color match</i>	9:50 AM	7.5		
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
	2	Spottail Shiners	6.5 cm	
	2	Striped Bass	8 cm	
Fish Totals	TOTAL: 4	Diversity: 2		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
	1	Blue Crab	4 cm	

Macroinvertebrate Totals	TOTAL: 1	Diversity: 1		
<i>Sediment Core</i>	<i>Time</i>	<i>Area</i>	<i>Grain Size</i>	<i>Other Features</i>
	N/A			
Boats	Time	Name/Color	North/South	Loaded/Light
	N/A			
Observations	N/A			