

Day in the Life of the Hudson River 10/22/19

ULSTER LANDING PARK

RIVER MILE: 97

Salt Front: ~ RM 53

Mill Road Elementary School- Stephen Hart

45 students 4th grade, 4 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

Sample time: 9:30 am- 12:30 pm

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
<i>Physical</i>				
<i>Air Temperature</i>	9:30-12:30 pm	55 ° F		
<i>Wind Speed:</i>	NR			
<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>	9:30-12:30 pm	57 ° F		
<i>Turbidity- long sight tube</i>	9:30-12:30 pm	34 cm		
<i>Chemical</i>				
<i>Salinity-</i>	NR			
<i>DO –</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	NR			
<i>pH –</i>	NR			
<i>Biological</i>				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
	1	Spottail Shiner		
Fish Totals	TOTAL: 1	Diversity: 1		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
Macroinvertebrate Totals	TOTAL: 0	Diversity: 0		
<i>Sediment Core</i>	<i>Time</i>	<i>Oxid Top</i>	<i>Grain Size</i>	<i>Other Features</i>
	NR			
Boats	<i>Time</i>	<i>Name/Color</i>	<i>North/South</i>	<i>Loaded/Light</i>
	NR			
Observations				