

Day in the Life of the Hudson River 10/22/20

LASHER PARK, GERMANTOWN

RIVER MILE: 108.5

Salt Front: ~ RM 75

Columbia Land Conservancy- Heidi Bock – 7 adults total

Latitude 42.1589 N & Longitude – 73.9959 W



Location: Lasher Memorial Park, Boat Launch, Northern Germantown Landing, Columbia County, NY

Area: Grassy area, boat launch, pier, parking lot- used for picnics and boating

Surrounding Land Use: 5% Forested; 80% Urban/Residential; 5% Beach; 10% Industrial/Commercial

Sampling Site: Park with mowed lawn, beach, riprap in area

Shoreline: 75% Sandy; 20% muddy; 5% rocky

Water:

River Bottom: Muddy, weedy, sandy

Plants in water:

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	9:35 AM	60 ° F	15.5 ° C	
<i>Wind Speed:</i>	9:40 AM	0 knots	South	
<i>Weather today</i>	9:35 AM no rain			
<i>Weather the past 3 days:</i>	Mild and unseasonably warm			
<i>Tides-</i>	<i>Time</i>	<i>Rising, Falling, Unchanged</i>	<i>High tide time</i>	<i>NOTE:</i>
	12:30 PM	Ebbing	8:13 AM	Tidal change of 22 inches from 9:30 to 12:30 PM
<i>Current-</i>	<i>cm/second</i>	<i>Knots</i>	<i>North/South</i>	<i>Ebb/Flood/Still</i>
	NR			
<i>Water Temperature</i>	11:30 AM	17 ° C	62.6 ° F	
<i>Turbidity- long sight tube</i>	11:40 AM	51 cms		
Chemical				
<i>Salinity-</i>	<i>Time</i>	<i>Hydrometer</i>		
	11:40 AM	Below Detection With instrument		
<i>DO – Drop count kit</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	11:25 AM	17	7	70%
<i>pH – Color Match Kit</i>	11:55 AM	7		
Biological				
<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	<i>Length Shortest</i>

Seine: 25' # Pulls: 4	10 4 8	Tessellated Darter Striped Bass Spottail Shiner	7 cm 9 cm 7 cm	6 cm 7 cm 4 cm
Fish Totals	TOTAL: 22	Diversity: 3		
Macroinvertebrates	Number	Name	Length of longest	Length of Shortest
	17	Blue Crab	9 Cm	1.5 cm
Macroinvertebrate Totals	TOTAL: 17	Diversity: 1		
Boats	Time	Name/Color	North/South	Loaded/Light