

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

NUTTEN HOOK

RIVER MILE: 124.5

Salt Front: ~ RM 75

**Liz LoGuidice & Fran Martino – total 10 people
Resilience Communications & River Haggie Outdoors
Latitude 42.358271 N & Longitude – 73.78818 W**



Location: Nutten Hook, Green County, NY

Area: Beach, forested bluff, large march behind bluff, DEC public access, used for picnics, water access

Surrounding Land Use: 45% Beach; 55% Forested

Sampling Site:

Shoreline: Sandy and rocky, riprap, banks altered in some areas with bulkhead, brick and slag on ground

River Bottom: sandy, muddy

Water:

Sampling Time:

<i>ITEM</i>	<i>Time</i>	<i>Reading</i>		<i>Comments</i>
Physical				
<i>Air Temperature</i>	2:30 PM	20 ° C	68 ° F	
<i>Wind Speed:</i>	NR			
<i>Weather today</i>	Slightly overcast			
<i>Weather the past 3 days:</i>	Average time, mostly dry, light rain on 19 th and 20 th			
<i>Tides-</i>	<i>Time</i>	<i>Tidal Flow during sampling</i>	<i>High Tide Time</i>	<i>Low Tide Time</i>
	2:30 PM	Ebbing	9:26 AM	3:56 AM
<i>Water Temperature- probe</i>	2:30 PM	18 ° C	64.4 ° F	
<i>Turbidity- long sight tube</i>	2:45 PM	70 cm		
Chemical				
<i>Salinity-</i>	<i>Time</i>			
	NR			
<i>DO –</i>	<i>Time</i>	<i>Temp</i>	<i>ppm DO</i>	<i>% saturation</i>
	2:30 PM	18 ° C	9	95%
<i>pH – color match kit</i>	3:00 PM	7.4		
Biological				

<i>Fish</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
Seine	1 1	eel bluegill sunfish		
Fish Totals	TOTAL: 2	Diversity: 2		
<i>Macroinvertebrates</i>	<i>Number</i>	<i>Name</i>	<i>Length of longest</i>	
	3	Blue Crab		
Macroinvertebrate Totals	TOTAL: 3	Diversity: 1		