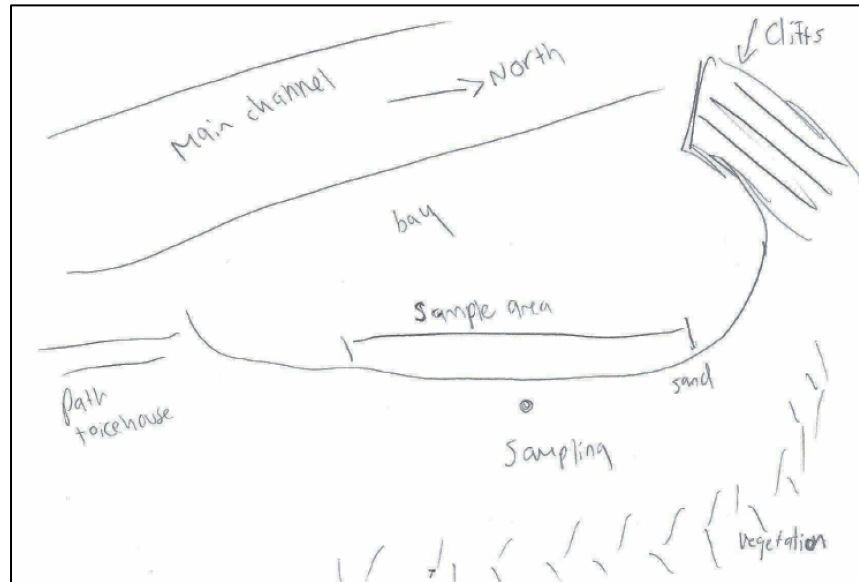


Snapshot Day 10/20/16 Data
(Salt Front ~RM 83)
RIVER MILE 124.5
Nutten Hook, Green County NY
Michelle Vedder-Drew, Mud Creek ELC/Columbia County Soil & Water
Liz Pagnani, TALC
20 students 1st-9th, & 7 adults
GPS Latitude 42.358314 N Longitude -73.788151 W



Location: Nutten Hook, Green County, NY

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

Surrounding Land Use: 45% Beach, 55% forested. Shoreline is sandy and rocky, riprap, banks altered in some areas with bulkhead, brick and slag on the ground

Shoreline: Sandy, Muddy

River Bottom: Sandy, Muddy – 3 ft. deep where sampled

Plants in area: none

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	1:40 PM	17.7°C	64°F	
Wind Speed	1:30 PM	Beaufort 1	2.3 kts	
Cloud Cover	1:30	overcast		
Weather today	By 1:50 it started to rain and was raining hard by the end of sampling			
Weather recently	Warm and dry – warmer than normal			
<i>Water Temperature</i>	2:44 PM	17°C	62.6°F	
<i>Water calm or</i>	Calm			

<i>choppy</i>				
Turbidity – short site tube	12:50 PM	40 JTU 30 50	Average 40 JTU	
Chemical				
DO (drop count kit)	NR			
pH	NR			
Salinity - quantabs	1:32 PM	0.2 units	0 ppm	
Alkalinity	1:30	40 ppm		
Fish Catch	Number Caught	Species	length	Seine
40 ft. seine net X 3/8 inch mesh	2 5	Spottail Shiner Mummichog	DIVERSITY 2	TOTAL CATCH 7
Macro-invertebrates	2	Juvenile blue crab	DIVERSITY 2	TOTAL CATCH 2
Tides	1:15 PM	falling		
Currents	1:20 PM	Still	In a small bay	Away from the main channel
Core	Describe	Rare	Common	Abundant
1:03 PM	8 cm	Gravel Pebbles Freshwater mussels	Mud	Sand
Boat Traffic	12:55 Recreational nameless Southbound Light			
Other Items	Nutten Hook was cloudy and overcast, the Hudson calm and holding its breath for the inevitable rainstorm to come. As we worked through our packets the storm approached. Slowly it began to rain softly before the sky opened up and it began to rain in earnest. We toughed it out and still had a great time! The highlight for the kids included sloshing around in the river in waders and catching two juvenile blue crabs.			