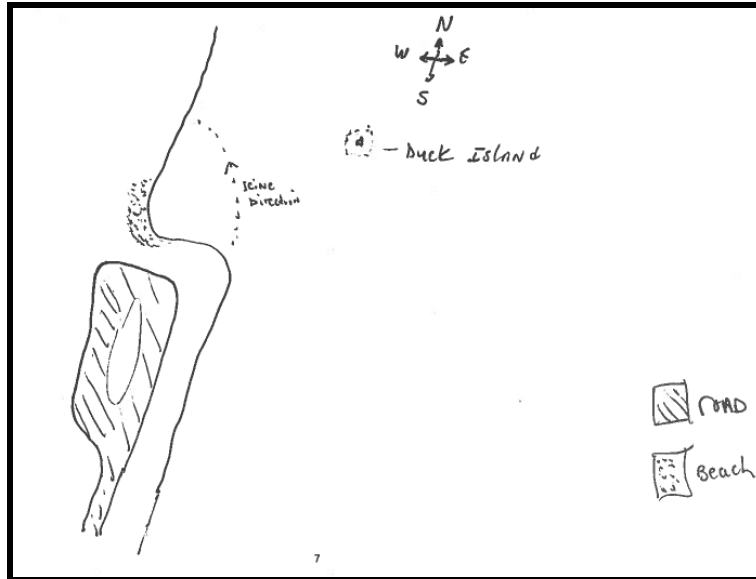


**Snapshot Day 10/12/17Data  
(Salt Front RM 65)  
RIVER MILE 52.5**

**West Point South Side of Gee's Point, Orange County  
Patrick Baker United States Military Academy – Dept. of Geography &  
Environmental Engineering  
Dana Onellette, Homeschool and Daisy Troop 192,  
29 various ages ad 10 adults  
41° 23'36.46"N & 73°57'5.83 W**



**Location:** Shallow Cover at South Side of Gee's Point, West Point in the vicinity of Duck Island

**Area:** beach area on the waterfront along the West Point property

**Surrounding Land Use:** 50% forested and 50% beach

**Sampling Site:** shoreline is riprap,

**Plants in area:** 1% has plants in the water not identified

**Tidal Shallows:**

**Water depth:** 42 inches

**River Bottom** –sandy with large rocks

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>		<b>Celsius</b>	<b>Farenheit</b>	
Air Temperature	2:15 PM 3:15 PM	16°C 16°C	61 °F 61 °F	
Wind Speed	From N		Beaufort force #2	
Cloud Cover	Clear	No rain		
Water	Choppy			
Weather recently	Rain last night			

<i>Water Temperature</i>	2:15 PM	21.1°C 21.5 22.0		21.5°C average
	3:15 PM	22.1°C 21.8 23.0		22.3°C average
<i>Turbidity – secchi</i>	2:15 PM	60 cm		60 cm
<i>HRECOS</i>	2:15 PM	34.3 NTUs		34.3 NTUs
<i>Chemical</i>				
DO (meter)	2:23 PM	7.54 mg/L	22.7°C	86.4%
pH – HRECOES		7.7		
Salinity - meter	2:20 PM	3.5 psu	In the Hudson psu ~ = ppt	
<i>Fish Catch Seine 30 ft. net with bag</i>	<i>Rank of total catch</i>	<i>Species</i>	<i>~Number Caught</i>	
2 seines	1	Spottail Shiner	>100	<b>DIV 4</b>
	2	White Perch	>100	<b>TOTALS &gt;225</b>
	3	Striped bass	>20	
	4	Bluefish	~5	
<b>TOTAL SEINE</b>	<b>105</b>		<b>81</b>	<b>186</b>
<i>Tides</i>	2:00 PM	Rising		
<i>Currents</i>	NR			
<i>Observations</i>	Also found blue crab molt			