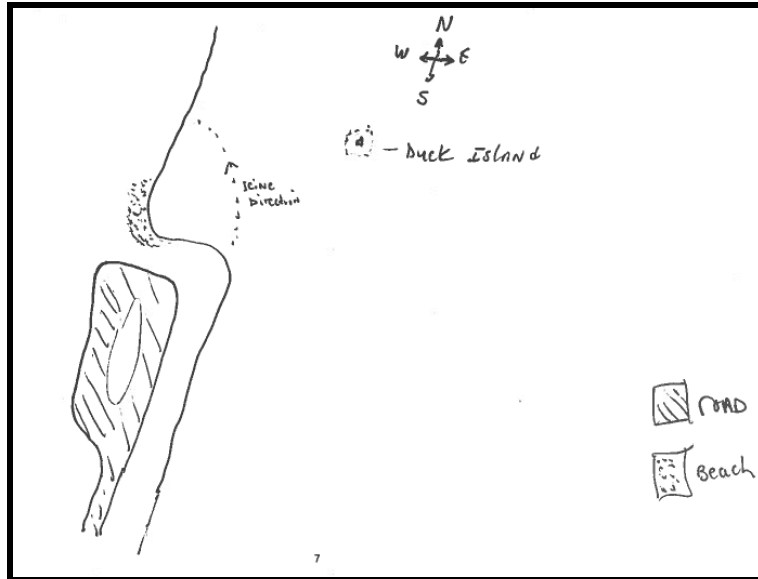


**Snapshot Day 10/12/17Data
(Salt Front RM 65)
RIVER MILE 52**

**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>		Celsius	Farenheit	
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	DIV 4
	2	White Perch	>100	TOTALS >225
	3	Striped bass	>20	
	4	Bluefish	~5	
TOTAL SEINE	105		81	186
<i>Tides</i>	2:00 PM	Rising		
<i>Currents</i>	NR			
<i>Observations</i>	Also found blue crab molt			