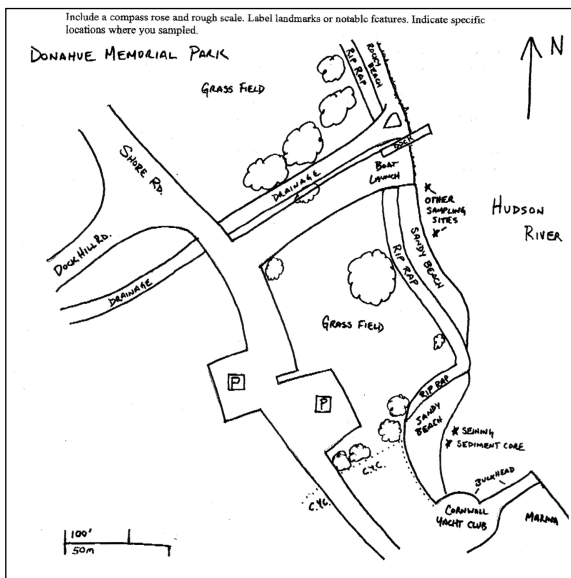


**Day in the Life of the Hudson River 10/20/16 Data
(Saltfront ~RM 83)
RIVER MILE 57**

**Donahue Memorial Park, Cornwall Landing, Village of Cornwall-On-Hudson,
Town of Cornwall, Orange County, NY
Christopher O'Sullivan, NYSOPRHP Trailside Museums & Zoo
Deborah Gilson and teacher team @ Willow Ave. Elementary -
Mary Lynne Malone, Orange County
Tom Lake, DEC HREP
4th grade – 75 – 4th grade students, 13 adults
GPS Latitude 41°26'36"N Longitude 74°0'1"W**



Location: Donahue Memorial Park
Area: Sandy beach used for seining & sediment core, 2nd beach are for other sampling.
Surrounding Land Use: 100% open and grassy park
Sampling Site: pier, sandy beach, altered banks, shoreline riprap, bulkhead, collected wood & debris in area,
Plants in area: NR
Water depth: NR
River Bottom – muddy, rocky
Observations – Rocky, algae in sampling area and sampled in sunlight

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
Physical				
Air Temperature		°C		
Wind Speed				
Cloud Cover				
Weather today				
Weather recently				
Water Temperature	Tom	19°C	66°F	
Water Surface	NR			
Turbidity Long sight tube				
Chemical				
DO	NR			
Drop count kit				
pH (indicator sol.)				

Salinity -	Tom	4.0 ppt		
<i>Fish Catch</i>	<i>Number Caught</i>	<i>Species</i>	<i>Size</i>	<i>Comment</i>
(Yoy) = young of yer	15	Striped Bass (yoy)	77-86 mm	DIV 5 TOTAL 61
(a) - adult	15	American shad (yoy)	94-98 mm	
	18	Spottail shiner (a)		
	4	Banded killifish (a)		
	9	White perch (a)		
<i>Tides</i>	TIME	RISING/ FALLING	HEIGHT IN CM	RATE OF CHANGE
<i>Currents</i>				
<i>Boat</i>				
<i>Other Observations</i>				