

**Day in the Life of the Hudson River 10/20/15 Data**  
**RIVER MILE 57**

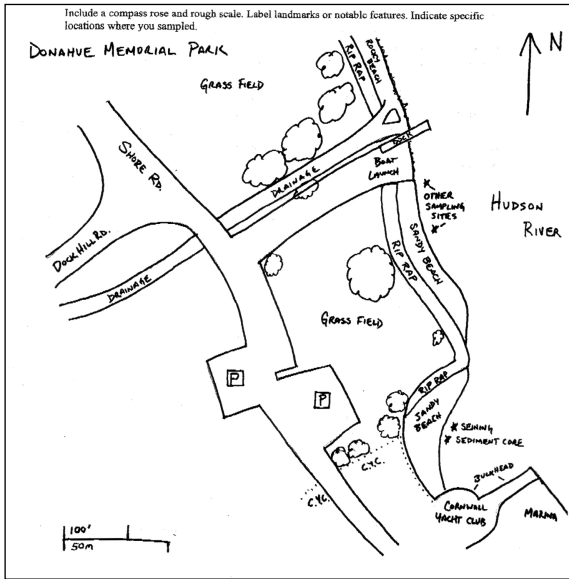
**Donahue Memorial Park, Cornwall Landing, Village of Cornwall-On-Hudson,  
 Town of Cornwall, Orange County, NY**

**Christopher O'Sullivan, NYSOPRHP Trailside Museums & Zoo**

**Deborah Gilson and teacher team @ Willow Ave. Elementary -**

**4th grade – 75 – students, 14 adults**

**GPS Latitude 41°26'36"N Longitude 74°0'1"W**



**Location:** Donahue Memorial Park  
**Area:** Sandy beach used for seining & sediment core, 2<sup>nd</sup> 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>
<b><i>Physical</i></b>				
Air Temperature	10:46 AM	26°C		
Wind Speed	9:30 AM	#3 Beaufort	7-10 km 8-12 kts	NW
Cloud Cover	Partly cloudy	(26-50%)		
Weather today	Gentle breeze			
Weather recently	Some snow and cold			
<b><i>Water Temperature</i></b>	9:56 AM	12°C		
	10:03 AM (students)	12°C		
<b><i>Water Surface</i></b>	NR			
<b><i>Turbidity</i></b> <i>Long sight tube</i>	12:23 PM	14 cm 17 12		Average 14.3 cm
<b><i>Chlorophyll</i></b>	12:15 PM	1.0		
<b><i>Chemical</i></b>				
DO	NR			

Drop count kit				
pH (indicator sol.)	10:04 AM	7.0		
Salinity -	10:07 AM	Salinity 348 mg/L Cl-	629 mg/L total salinity	
<b><i>Fish Catch</i></b>	<b><i>Number Caught</i></b>	<b><i>Species</i></b>	<b><i>Size</i></b>	<b><i>Comment</i></b>
<b>Total Catch</b>				
<b><i>Tides</i></b>	TIME	RISING/ FALLING	HEIGHT IN CM	RATE OF CHANGE
	11:55 AM	Falling	-10 cm	
	1:00 PM			
<b><i>Currents</i></b>	12:00 PM			Flood
<b><i>Boat</i></b>				
<b><i>Other Observations</i></b>				