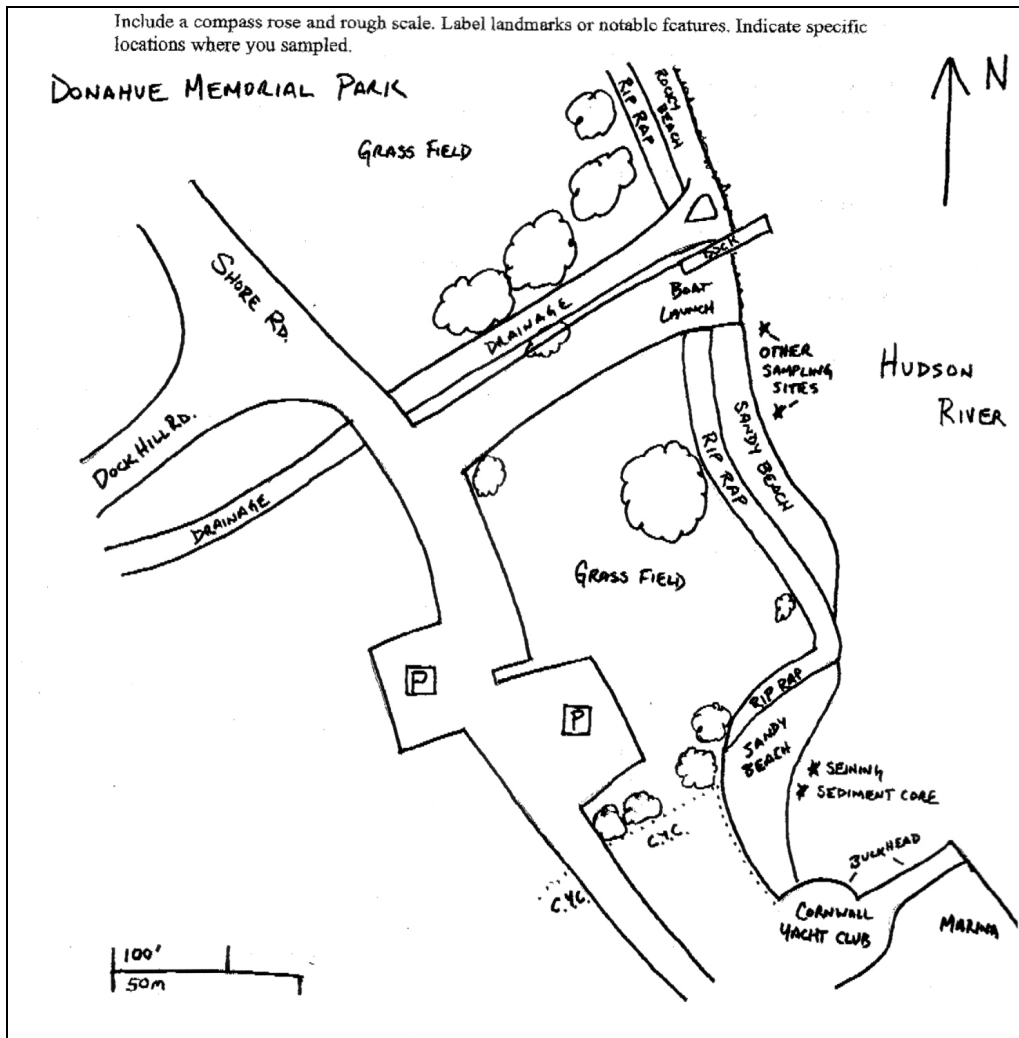


Snapshot Day 10/14/10 Data
(Salt Front RM 36)
RIVER MILE 57

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, Willow Ave. Elementary - 4th grade - 70 plus - students
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: Forested 5%, beach 20%, 75% open and grassy

Sampling Site: sandy beach, altered banks, shoreline riprap, bulkhead, collected wood & debris in area,

Plants in area: yes but only about 1%

Water depth:

River Bottom – rocky

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	11:25 AM	20°C 68°F		
Wind Speed	BEAUFORT #1			NW
Cloud Cover	partly cloudy			
Weather today	Dry in the AM			
Weather recently	A little Rain on Tuesday Oct. 12 th but nice otherwise			
<i>Water Temperature</i>	9:55 AM	69°F	16 °C	60°F
		59 °F	15°C	15.5°C
	1:00 PM	64°F	18°C	64°F 18°C
<i>Water Calm</i>				
<i>Turbidity</i> <i>Long sight tube</i>	10:25 PM	32.2 cm 31.2 cm 31.5		31.5 cm
<i>Chlorophyll</i>	10:34 AM	0.0		
<i>Chemical</i>				
DO Drop count kit	1:00 PM	11 mg/L	18°C	115%
pH (indicator sol.)	10:08 AM	7.4		
Salinity - Quantabs – low range strips –	10:00 AM	29 ppm Cl	36.3 ppm total salinity	
<i>Fish Catch</i> 80 ft. seine X 4 ft. with bag – ¼ inch mesh -	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine - 1 seine</i>
<i>Tides</i>	TIME	RISING/ FALLING	HEIGHT IN CM	RATE OF CHANGE
	10:45 am	Falling		
	11:00 am	Falling		
	11:30 am	Falling		
	11:45 am	Unchanged		
	12:00 pm	Rising		
<i>Currents</i>				
	10:45 AM	Flood		
	11:00 AM	Flood		
	11:30 PM	Still		
	12:00 PM	Ebb		