

**Snapshot Day 10/8/09 Data
(Salt Front RM 60.3)
RIVER MILE 61W
Newburgh Landing, Newburgh
Jessica Wilson & Ben Crusoe, Stony Kill, NYS DEC/SCA
Jamie Lo & Kim Bersin - Newburgh Neighborhood Ambassador
Matt Barbero, Horizons on Hudson School, 6th grade – 18 students**

Location: Newburgh Landing, Newburgh, Orange County NY

Area:

Surrounding Land Use:

Sampling Site Shoreline: shoreline rocky, banks altered, large rip rap, piping entering the river, cement wall

Plants in area: banks covered in vegetation

Water depth: shallow

Bottom Surface: muddy, bottom weedy in some areas

Plants in water – eel grass 15% coverage. Looks like a minnow. Indigenous plant.

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:59 AM	20°C		
Wind Speed	Beaufort #3	8 KM/hr	7 knots	
Cloud Cover	Mostly Cloudy			
Weather today	No rain			
Weather recently	Rained day before	Heavy winds		
<i>Water Temperature</i>	2:30 PM	22°C		
<i>Water Surface</i>				
<i>Turbidity - secchi</i>	11:00 PM	16 inches	40.64 cm	
<i>Chlorophyll</i>				
<i>Chemical</i>				
DO	2:30 PM	11 mg/L	22°C	125 % saturdated
pH –	1:20 PM	7.2		
Salinity -	2:15 PM	1.3 quantab units	33 mg/L Cl	