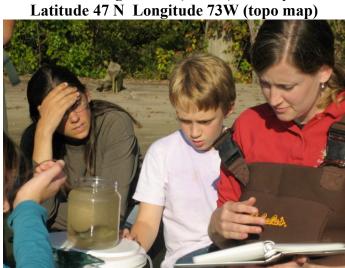
## Snapshot Day 10/7/08 Data (Salt Front RM 63.4)

## **RIVER MILE 127 – Stuyvesant Landing**

Leanna O'Grady, Columbia County Soil & Water Conservation District The Alternative Learning Center (TALC) – 7-10 yrs. – 10 students



**Location:** ½ mile South of Stuyvesant Landing

Area: Park/Boat launch, sandy beach area on the point

Surrounding Land Use: 90% forested, 10% beach – used for picnics, swimming,

campfires, sandy beach and dense woods behind

Sampling Site: Beach, covered with trees, dead trees on shoreline –

water area is sandy with little mud further out – gently sloped beach, shallow quite a

distance and then shipping channel

Plants in area: none Water depth: 0-100 cm River Bottom -sandy

ITEM	Time	Reading 1	Reading 2	Comments			
Physical							
Air Temperature	3:30 PM	70.8°F					
		21.6°C					
	3:45 PM	70°F					
		21.1°C					
Wind Speed	Beaufort 6		NW				
Cloud Cover	clear		Water calm				
Weather today	Perfect!	Perfect!					
Weather last 3	Some rain	Some rain					
days							
Water	3:50 PM	65°F					

Water	3:50 PM	65°F		
Temperature		18.35°C		
	4:00 PM	65°F		
		18.35°C		
	4:15 PM	64°F 17.79°C		
Turbidity	3:45 PM	60 JTU X 3		60 JTU
				average
Chlorophyll	3:30 PM	1.5		
Chemical				
DO	4:45 PM	8.5 mg/L	18.35 ° C	92%
Drop count				
pН	3:50 PM	8.0		Average 8.23
pen		8.2 8.5		
		8.5		
Salinity	3:50 PM	< 31 mg/L		
Test strip				
Fish Catch	Number Caught	Species		1 seine with fish catch
Seine 40 ft. X 4 ft. Mesh 0.25 inch	7	Banded Killifish		19 fish total
	1	Pumpkinseed		
	3	Spottail shiner		
	6	Young of Year		
	2	White Perch		
Tides	3:15 PM			
	3:30 PM		falling	
	3:45 PM		falling	
	4:00 PM		rising	
	4:30 PM 5:00 PM		unchanged	
	3.00 FW		rising	
Currents	3:30 PM	south	ebb	
Other Items				
Core Description	Total Length	Top Layer	Second Layer	Describe
	25 cm	No distinct		

	Abundant – sand	some - mud	Some – Clay	Sulfur smell
Commercial Traffic	3:20 PM	Pleasure craft	White	Southbound
	3:22 PM	Pleasure craft	White & Blue	Southbound
	3:42 PM	Large Pleasure craft	American Spirit	Southbound
	4:12 PM	Motorboat	Blue & white	Southbound
	4:45 PM	Pleasure craft	White	Southbound
Other				