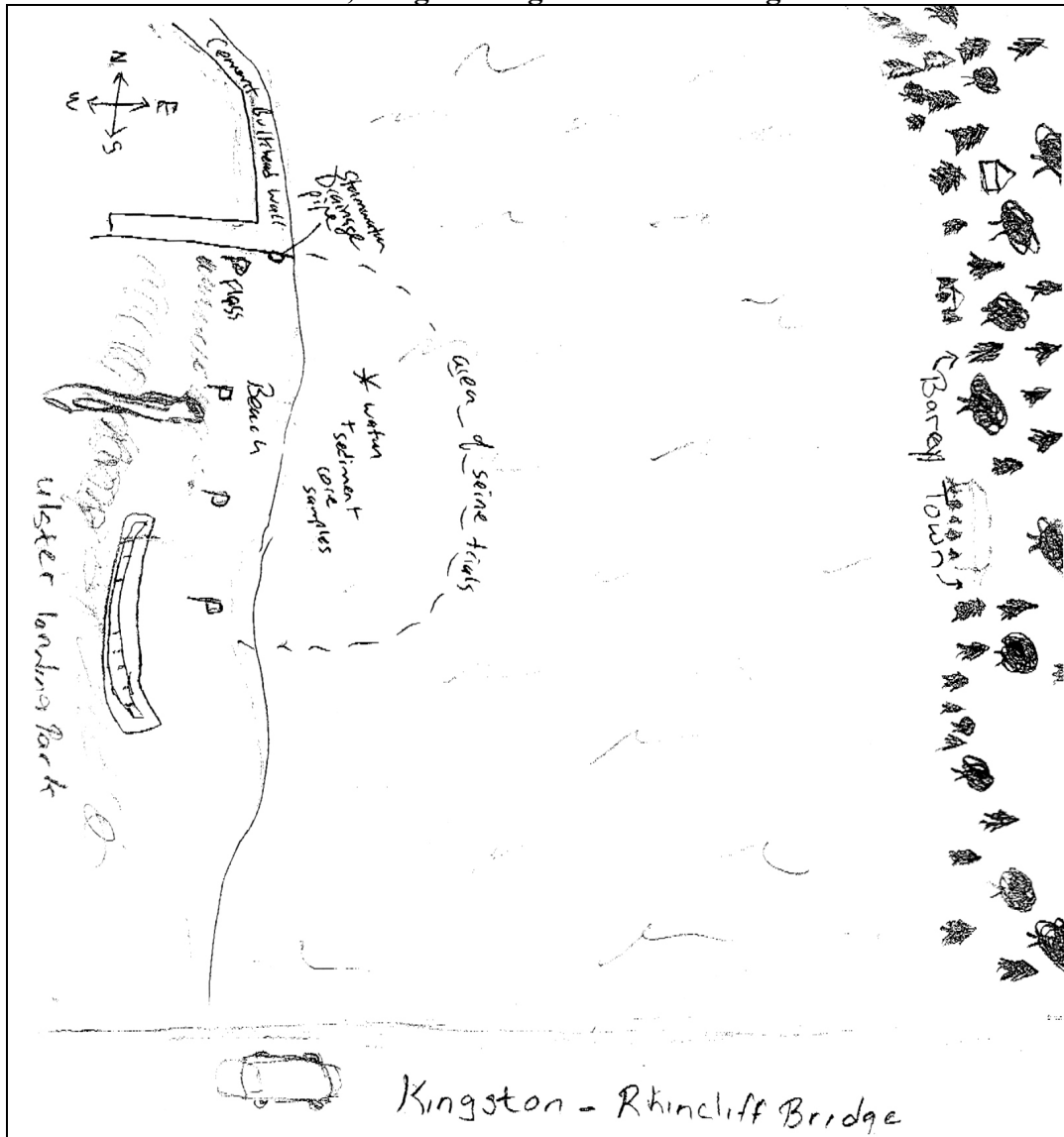


Snapshot Day 10/7/08 Data
(Salt Front RM 63.4)
RIVER MILE 96.5

Ulster Landing State Park, Town of Ulster, Ulster Co.

Latitude 42°N, Longitude 73°56'W

Dixon Onderdonk, Kingston High School 11/12th graders – 16 students



Location: Swimming beach, Ulster Landing Park, Town of Ulster, Ulster County

Area: fishing, swimming beach, has a building with restrooms

Surrounding Land Use: Beach 25%; Forested area 75%,

Sampling Site: beach, altered bank with concrete bulkhead, wood debris driftwood, drainage from bulkhead north of site immediately

Plants in area: none

Water depth: 2.5 ft.

River Bottom : sandy bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
Physical				
Air Temperature	9:31 AM	17°C		
	9:05 AM	9°C		
	9:52 AM	10°C		
Wind Speed	1-3 on beaufort	N		
Cloud Cover	Mostly cloudy	No rain		
Weather today	clear and sunny day by 10:30 AM			
Weather recently	Few scattered showers Monday 10/6/08			
Water Temperature	9:11AM	17°C	10:00 AM	17°C
Water Calm				
Turbidity turbidimeter	1:00 PM	2.12 NTU 1.87 1.75		1.91 NTU
Chlorophyll	10:00 PM	0.2		
Chemical				
DO - meter (Hach DR-890)	9:28AM	9.2 mg/L	17°C	94% saturated
	11:00 AM	8.6 mg/L	18°C	90% saturation
pH	10:00 AM	7.75		Indicator sol.
Phosphate	10:15AM	0.06 ppm	0.02 ppm	0.04 ppm
Nitrate - 9:45 AM	Chemet	0.7 ppm		
	Digital Colorimeter	1.4 ppm 1.6 1.5		1.6 avg
	Hach DR 890	2.0 1.3		1.7 avg
Alkalinity	10:00 AM	80 mg/L 70 mg/L		75 mg/L
Salinity – drop count test kit	10:50 AM	25 ppm 20 ppm 30 ppm		25 ppm
Fish Catch 27.5' seine X 1/18 inch mesh	Number Caught	Species	Length of largest	Seine
7 seines	23	Golden Shiner		
Pull 50 ft.	123	Spottail Shiner		
	1	Banded		

	1	Banded Killifish		
	55	White Perch		
	8	Blue Crab		
	39	Tesselated Darter		
	1	Catfish		
Pull	Time	Catch	CPUE	PULL
Seine #1	11:45 AM	32 fish	3.8	50 ft. pull
Seine #2	11:25 Am	14 fish	1.6	50 ft. pull
Seine #3	11:40 AM	33 fish	3.9	50 ft. pull
Seine #4	12:20 PM	35 fish	3.9	50 ft. pull
Seine #5	12:35 PM	42 fish	5.0	50 ft. pull
Seine #6	12:45 PM	34 fish	4.1	50 ft. pull
Seine #7	1:10 PM	52 fish	6.2	
Tides	9:13 AM	10 cm		
	9:43 AM	5 cm	falling	
	10:13 AM	0 cm	falling	
Currents	308 cm/60 secs	5.13 cm/sec.	0.103 knots	South Ebb
Traffic	10:59 AM	White Sailboat	Southbound	
	1:34 PM	Black & Red Barge	RTC 80	Southbound Empty
Other Items				
Core	Length	Abundant	Common	Rare
H2S smell in lower section of	18 cm total no oxidized	Sand abundant	Mud	Gravel Brick