

Snapshot Day 10/12/06 Data
(Salt Front RM 52.5)
RIVER MILE 96.5
Ulster Landing State Park, Town of Ulster, Ulster Co.
Latitude 42°N, Longitude 73°56'W
Rick Fritschler of Lower Esopus River Watch
Dixon Onderdonk, Kingston High School 11-12th graders



Location: Swimming beach, Ulster Landing Park, Town of Ulster, Ulster County
Area: fishing, swimming beach, has a building with restrooms
Surrounding Land Use: Beach 95%; Wooded lawn picnic area 5%
Sampling Site: beach, sandy, altered bank with bulkhead with metal plates holding shore in place, somw driftwood, Piping entering the river north of site ~ 5-10 ft.
Plants in area: no plants evident

Water depth: 56 cm
River Bottom : sandy bottom

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:15 AM	17°C 62 °F		
Wind Speed	1-3 on beaufort	SW	Water calm	
Cloud Cover	overcast	No rain		
Weather today	Clearing around 11:30 AM			
Weather recently	M & T sunny; W (yesterday) rainy overnight			
<i>Water Temperature</i>	9:30 AM	17°C 62 °F	17°C 62 °F	17°C 62 °F
	10:12 AM	16°C 60 °F	16°C 60 °F	16°C 60 °F

<i>Turbidity turbidimeter</i>	10:25 AM	5.61 NTU	5.57 NTU	5.89 NTU
<i>Chlorophyll Chemical</i>	10:00	0.3		
DO (Hach DR-890)	10:25 Am	11.8 mg/L	17°C	120% saturated
pH	10:25	8.0 X 3 tests		Indicator sol.
Phosphate	10:30 AM	0.08 mg/L	0.04 mg/L	
Nitrate	10:27 AM	1.9 mg/L		
Alkalinity	10:30 AM	50 mg/L	60 mg/L	60 mg/L
Salinity	10:23 Am	64 mg/L X 3 tests		Lamotte titration kit
<i>Fish Catch 27.5' seine</i>	<i>Number Caught</i>	<i>Species</i>	<i>CPUE</i>	<i>Seine</i>
	1	Golden Shiner	11 cm	
	23	Spottail Shiner	11 cm	
	3	Striped Bass	5.5 cm	
	1	Tesselated Darter	5.5 cm	
	3	White Perch	15 cm	
	15	Blue Crab		
	6	Amphipods		
Seine #1	11:30 AM	7 fish	0.01	75 ft. pull
Seine #2	11:45 Am	1 fish	0.002	75 ft. pull
Seine #3	12:00 PM	12 fish	0.014	100 ft. pull
Seine #4	12:15 PM	11 fish	0.007	200 ft. pull
<i>Tides</i>	9:00 AM		Ebb	
	10:00 AM		Ebb	
	11:00 AM		Ebb	
	12:00 PM		Rising	
	1:00 PM		Rising	
<i>Currents</i>				
<i>Traffic</i>	9:05 AM	Canadian Pleasure Boat		Southbound
	9:43 AM	Sailboat with 2 people		Southbound
	9:52 Am	Sailboat with 3 people - Andren		Southbound
	10:11 AM	Large boat with raft – 3 people		Southbound
	10:12 AM	Small speed boat 2/liferaft		Southbound
	10:12 AM	Medium speedboat with 1 person		Northbound
	11:45 AM	Sailboat 2 people with lifeboat		Southbound
	12:15 PM	Large Barge – red		Southbound
	12:36 PM	Large barge blue		Northbound
<i>Other Items</i>				

<i>Core</i>	Water depth 50 cm Slightly oxidized top No H ₂ S smell or oil Mainly sand with rare bits of mud and clay Few brick pieces Mostly dark brown – some light on top layer
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