Day in the Life of the Hudson River 10/16/18 Data COXSACKIE RIVERFRONT PARK

Coxsackie, NY RIVER MILE: 123

Salt Front: ~RM 24

Coxsackie Elementary School-20 students 4th grade, 8 adults Jen Rausch, Coxsackie E.S.

Latitude N 42° 22.2' & Longitude W 73° 47.756"



Location: River front park
Area: Parking area, cement boat
launch, fishing and grassy picnic area
Surrounding Land Use: 15%
forested, 65% boat launch, parking
park

Sampling Site: Off the boat launch Shoreline: RipRap (large rocks),

metal bulkheads

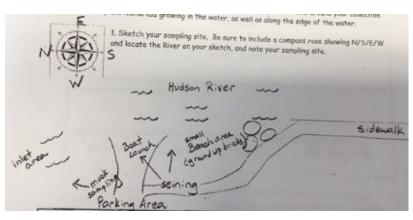
Plants in area: No visible plants in

water

River Bottom description: muddy,

rocky

Other: Few seagulls



lot,

ITEM	Time	Reading	Comments
Physical			

4.				
Air	9:50 AM	8.33 °C	47 °F	
Temperature	10:30 AM	9.44 °C	49 °F	
_	11:15 AM	10.56 °C	51 °F	
Wind Speed:	11:15 AM	10 mph	8.69 knots	North
Wind Meter		_		
Weather	No Rain, partly cl	oudy (26-50%)	1	
today	71 3	3 (
Weather	Rained yesterday			
recently				
Water	10:00 AM	14 °C	57.2 °F	
Temperature	11:00 AM	14 °C	57.2 °F	
Turbidity -	10:00 AM	62 cm		Average: 64.7 cm
long sight	10:30 AM	67 cm		Average, 04.7 cm
tube	10:55 AM	65 cm		
	10:55 AM	63 cm		
Chemical	10.00 434	277 01	(01 + 1 1	40 1 1 C 1
Salinity- Low	10:00 AM	377 ppm Cl	681 ppm total sal.	*Seems high for this
Range	11:00 AM	377 ppm Cl ⁻	681 ppm total sal.	area
DO – drop	Time	Тетр	ppm DO	% saturation
count		1.100		
	10:00 AM	14 °C	15	145%
	11:00 AM	14 °C	15	145%
pH – color	10:00 AM	7.5		
match test kit	10:30 AM	7.5		
	10:55 AM	7.5		
Fish	Number	Name	Length of longest	
Seine	18	Herring	2-3 inches	
	7	Banded Killifish	2 inches	
	19	Spottail Shiner	2-3 inches	
Fish Totals	TO AT 44	Diversity: 3		
i isii i viiiis	TOAL: 44	Diversity. 5		
Tides	Rising, Falling, Unchanged	Height (cm)	Rate of Tidal Change (cm/min)	
Tides	Rising, Falling,	•	Change	The water went below
	Rising, Falling,	Height (cm)	Change (cm/min) Unable to	
Tides	Rising, Falling,	Height (cm)	Change (cm/min)	The water went below the tide stick Ebb/Flood/Still
7:50 AM	Rising, Falling, Unchanged	Height (cm)	Change (cm/min) Unable to determine	the tide stick
9:50 AM Currents 11:15 AM	Rising, Falling, Unchanged Cm/second	Height (cm) 9 Knot	Change (cm/min) Unable to determine North/South	the tide stick Ebb/Flood/Still
9:50 AM Currents 11:15 AM 11:17 AM	Rising, Falling, Unchanged Cm/second .667 .567	Height (cm) 9 Knot .013 .011	Change (cm/min) Unable to determine North/South South South	the tide stick Ebb/Flood/Still Ebb Ebb
7:10es 9:50 AM Currents 11:15 AM 11:17 AM Core	Rising, Falling, Unchanged Cm/second .667 .567 Description	Height (cm) 9 Knot .013 .011 Rare	Change (cm/min) Unable to determine North/South South South Common	the tide stick Ebb/Flood/Still Ebb
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft.	Rising, Falling, Unchanged Cm/second .667 .567	### Height (cm) 9	Change (cm/min) Unable to determine North/South South South Common Clay	the tide stick Ebb/Flood/Still Ebb Ebb
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove	Rising, Falling, Unchanged Cm/second .667 .567 Description	Height (cm) 9 Knot .013 .011 Rare Sand Leaves	Change (cm/min) Unable to determine North/South South South Common Clay Mud	the tide stick Ebb/Flood/Still Ebb Ebb
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove to left of boat	Rising, Falling, Unchanged Cm/second .667 .567 Description	Height (cm) 9 Knot .013 .011 Rare Sand Leaves Wood	Change (cm/min) Unable to determine North/South South South Common Clay	the tide stick Ebb/Flood/Still Ebb Ebb
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove to left of boat launch	Rising, Falling, Unchanged Cm/second .667 .567 Description 12 cm core	Height (cm) 9 Knot .013 .011 Rare Sand Leaves Wood Brick	Change (cm/min) Unable to determine North/South South South Common Clay Mud Pebbles	the tide stick Ebb/Flood/Still Ebb Ebb Abundant
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove to left of boat launch Boat Traffic	Rising, Falling, Unchanged Cm/second .667 .567 Description 12 cm core	Height (cm) 9 Knot .013 .011 Rare Sand Leaves Wood	Change (cm/min) Unable to determine North/South South South Common Clay Mud Pebbles North or South	the tide stick Ebb/Flood/Still Ebb Ebb
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove to left of boat launch Boat Traffic 9:45 AM	Rising, Falling, Unchanged Cm/second .667 .567 Description 12 cm core Name Pontoon Boat	Height (cm) 9 Knot .013 .011 Rare Sand Leaves Wood Brick Color	Change (cm/min) Unable to determine North/South South South Common Clay Mud Pebbles North or South Southbound	the tide stick Ebb/Flood/Still Ebb Ebb Abundant
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove to left of boat launch Boat Traffic 9:45 AM 10:54 AM	Rising, Falling, Unchanged Cm/second .667 .567 Description 12 cm core Name Pontoon Boat Barge	Height (cm) 9 Knot .013 .011 Rare Sand Leaves Wood Brick Color Black and White	Change (cm/min) Unable to determine North/South South South Common Clay Mud Pebbles North or South Southbound Northbound	the tide stick Ebb/Flood/Still Ebb Ebb Abundant
9:50 AM Currents 11:15 AM 11:17 AM Core Water 2 ft. deep – cove to left of boat launch Boat Traffic 9:45 AM	Rising, Falling, Unchanged Cm/second .667 .567 Description 12 cm core Name Pontoon Boat	Height (cm) 9 Knot .013 .011 Rare Sand Leaves Wood Brick Color	Change (cm/min) Unable to determine North/South South South Common Clay Mud Pebbles North or South Southbound	the tide stick Ebb/Flood/Still Ebb Ebb Abundant