

Day in the Life of the Hudson River 10/12/17 Data
(Salt Front ~ RM 65)
RIVER MILE 65 – Chelsea Boat Launch, Wappinger Falls, NY
Rosellen Hardt, Wappinger Junior HS
30 students 7th grade, 4 adults

Location: Chelsea Boat Launch, Wappinger Falls, Dutchess County, NY
Area: rocky sandy beach for core samples and seining, dock for chemistry
Surrounding Land Use: 25% urban/residential, beach 10%, 40% Industrial/Commercial, 25% beach,
Sampling Site: beach area with pier, riprap shoreline, concrete docking in area
Plants: 1/8 area - pickerelweed, reed grass, water celery, water milfoil
Water depth: 20 ft.
River Bottom –muddy, rocky

ONLINE SUBMITTAL ONLY

<i>ITEM</i>	<i>Time</i>	<i>Reading 1</i>	<i>Reading 2</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature				
<i>Wind Speed –</i>	<i>Time</i>	<i>Clouds</i>	<i>Beaufort #</i>	<i>Wind m/s</i>
Cloud Cover				
Weather today				
Weather last 3 days				
Water				
<i>Water Temperature</i>	AM	19°C	67°F	
<i>Turbidity -</i>				
<i>Chemical</i>				
DO	AM	19 C	11.5 ppm	
pH - <i>color match</i>				
<i>Salinity</i>	AM	110 ppm Cl-	199 ppm TS	
<i>Fish Catch AM</i>	<i>Time</i>	<i>Fish Species</i>	<i># caught</i>	<i>Length cm</i>
<i>20 ft. net</i>		Yellow Perch	1	
<i>8 hauls</i>		Fourspine Stickleback	1	
		Banded Killi	1	
		Spottail Shiner	11	
		Golden Shiner	2	
		Herring sp	4	
	TOTALS	DIV 6	TOTALS 20	
<i>Tides</i>				
<i>Currents</i>	Cm/30 Sec	Cm/sec	Knots	Ebb/Flood N/S
<i>Core Sampling</i>	<i>Description</i>	<i>Rare</i>	<i>Common</i>	<i>Abundant</i>