

Day in the Life of the Hudson River 10/20/15 Data
RIVER MILE 2
Elisa Caref - The River Project
Karen Johnson, Vanessa Jump, Teachers for the
3rd grade Trevor Day School – 46 students and 12 adults
Latitude N 40.7282554N Longitude -74.014880 W*

Location: Pier 40 Hudson River (also called North River)

Area: Large urban pier with many sports facilities: athletic fields, kayaking and boathouse, seasonal moorings available, parking, fishing on the pier, benches & picnic tables for the public

Surrounding Land Use: 50% Urban/residential; 50% commercial/Industrial - parking lot – area used for picnics, boating, fishing

Sampling Site: Bulkhead, Banks altered; concrete & wood pilings, pier extends into river/cement bulkhead

Shoreline: Rocky

Plants: no

NOTE: This highly urban site is just west of the busy Westside Highway – it is the largest pier in Hudson River Park (with a 14 acre footprint); Pier 40 is used for recreation; school groups use the athletic fields; there are 3 public boathouses; there are many people by on the river’s edge: jogging, bike riding, walking.

<i>ITEM</i>	<i>Time</i>	<i>Reading F</i>	<i>Reading C</i>	<i>Comments</i>
<i>Physical</i>				
Air Temperature	10:55 AM 11:52 AM	60°F 62°F	16°C 17°C	
Wind Speed	<i>Time</i>	<i>Beaufort Chart</i>	<i>Kestral</i>	
	11:08 AM		11.5 mph	
Cloud Cover	Clear <25%,			
Weather today	no precipitation			
Weather recently	Cool			
Water	calm			
<i>Water Temperature -4 feet of water</i>	10:53 AM 11:21 AM 11:36 AM 11:55 AM	56 °F 59°F 61 °F 60	13°C 13°C 16.5°C 16	
<i>Turbidity (long site tube)</i>	11:00 AM	78.6 cm 79 78.9	78.8 cm	
<i>Chemical</i>	TIME	TEMP.	PPM	% SAT.
DO	11:21 AM	15C	8 ppm	80%

pH – Lamotte sample kit - tablets	11:08 AM	8,8,8,		Average 8
Salinity – hydrometer -	11:20 AM	22 27 30		Average 26 ppt