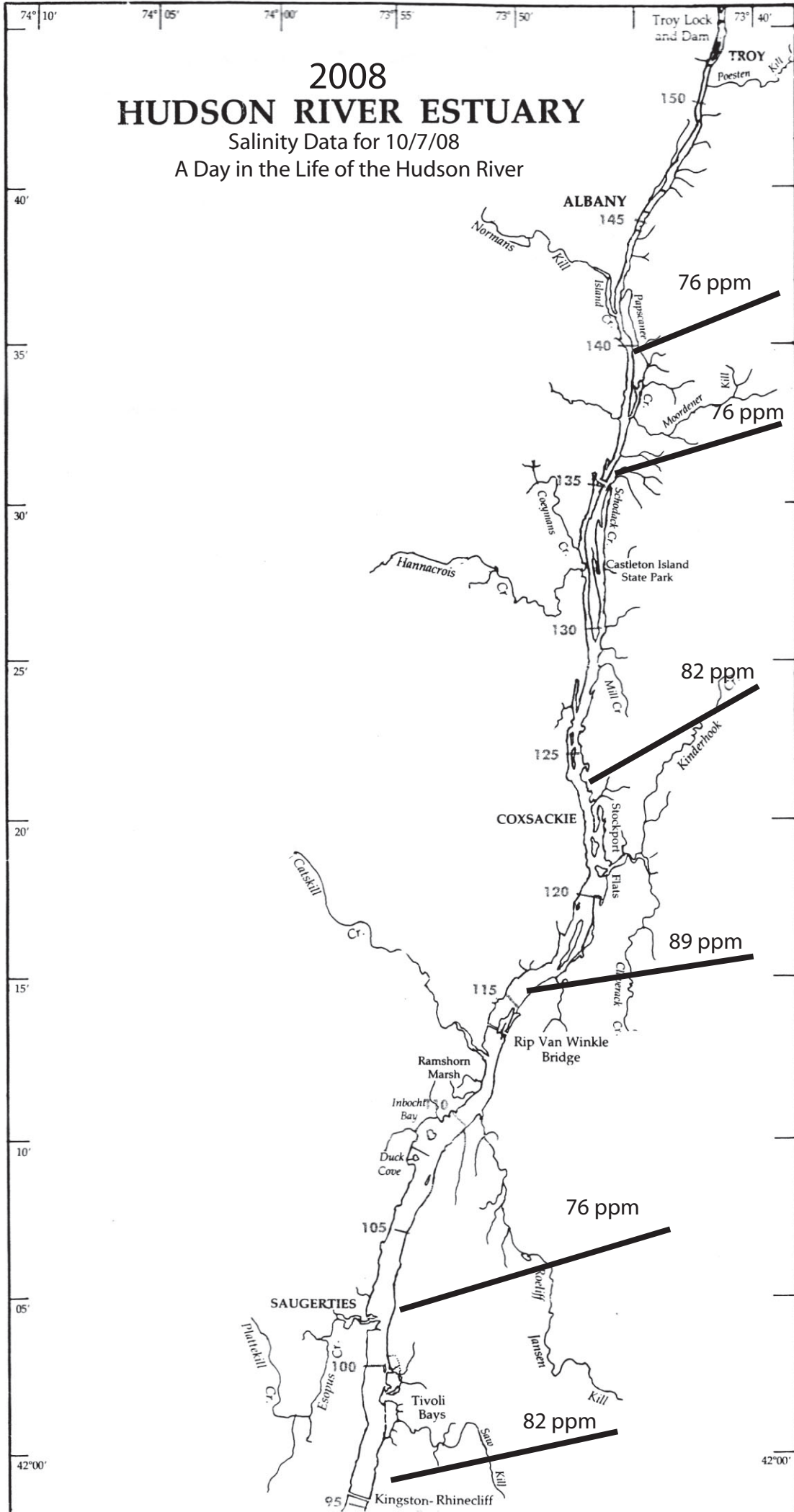
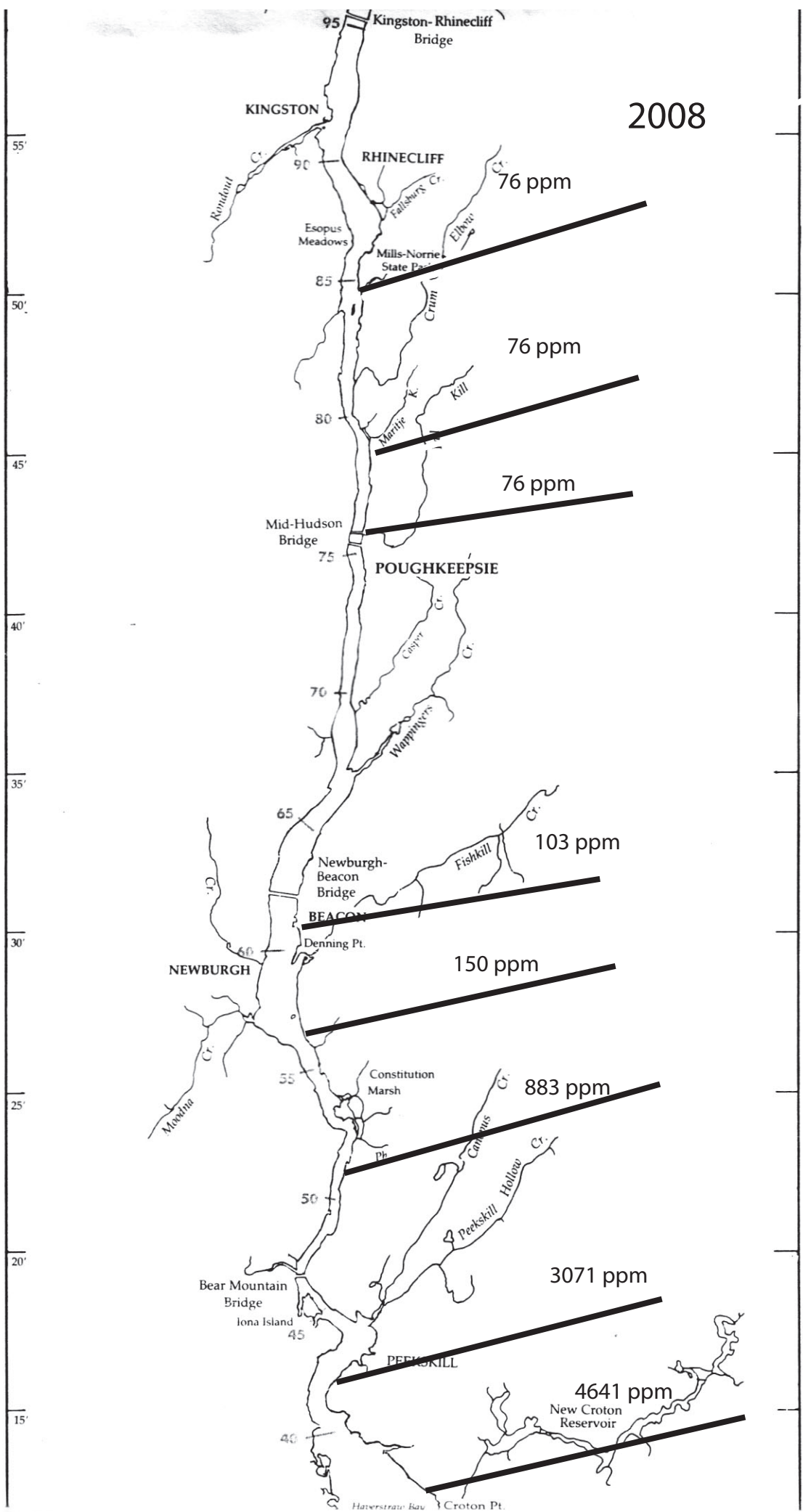


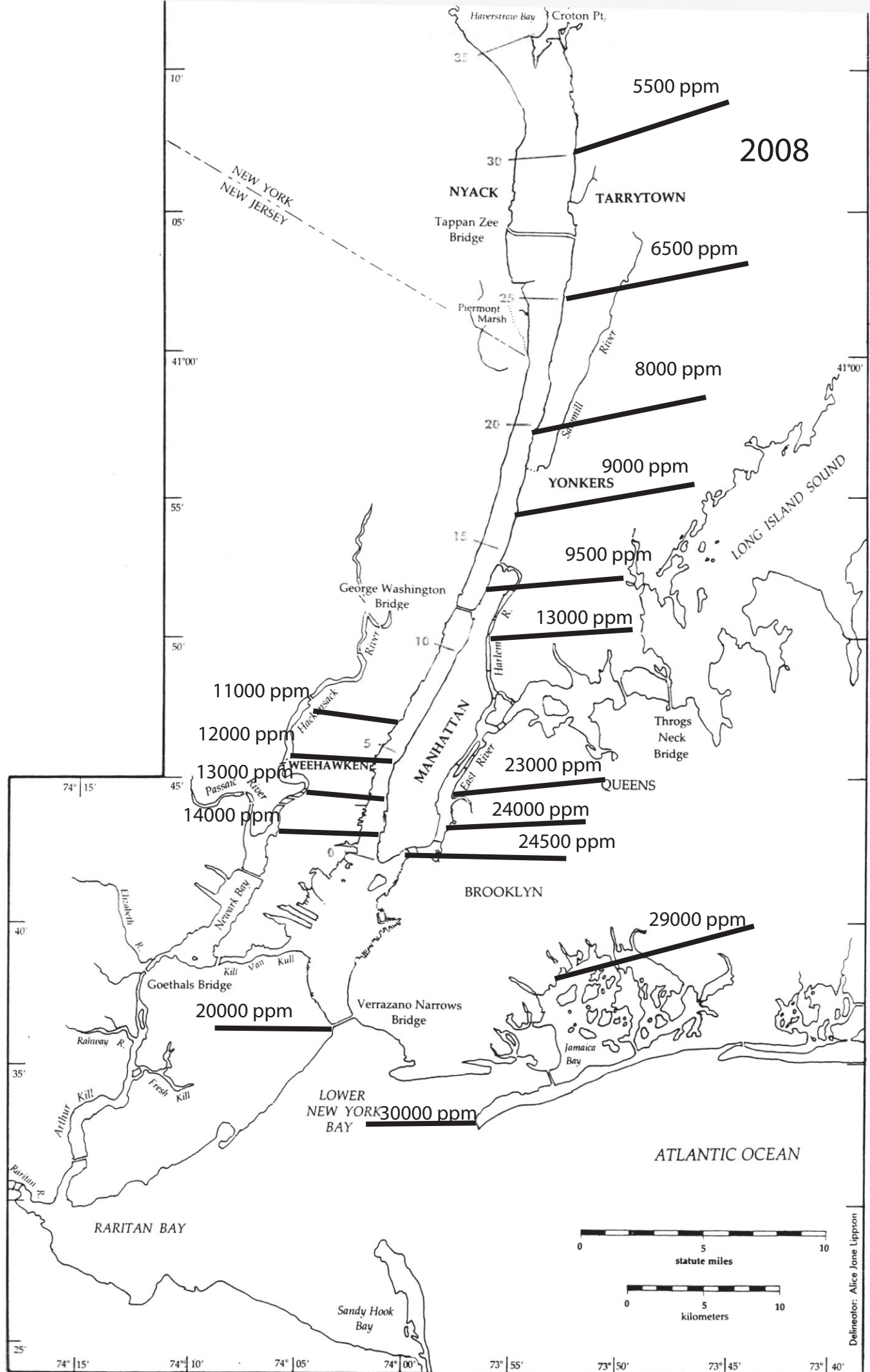
2008 HUDSON RIVER ESTUARY

Salinity Data for 10/7/08
A Day in the Life of the Hudson River



2008





Standardized Salinity 10/7/08
Day in the Life Data

River Mile/ Site	Name	Total Salinity	Units in ppm	DIRECTIONS	
138	Henry Hudson Park	76	ppm	Using crayons you will color in salinity in the sections of the river on the map. The colors to use for the salinity ranges are listed below. Match these ranges to the amounts from the 2008 'Day in the Life of the Hudson River' event posted on the map. You can also look at the complete list of values on this sheet. Do you see any trends in the data? Why do you think the Data on the East River is different from the data on the Hudson River at the same latitude? (hint - think of what two bodies of water the East River connects.) Why do you think the data from the surface and at depth is different at RM 6? (hint think about the density of salt water versus fresh water).	
133	Schodack Island	89	ppm		
127	Stuyvesant Landing	76	ppm		
124	Nutten Hook	82	ppm		
115	Cohotate Preserve	89	ppm		
102	Suagerties Light Hous	76	ppm		
97	Ulster Landing	82	ppm		
92	Kingstone Point	89	ppm		
85	Norrie Point	76	ppm		
78	Quiet Cove	76	ppm		
76	Waryas Park MHCM	76	ppm		
61	Long Dock Beacon	103	ppm		
58	Kowawese	103	ppm		
57	Cornwall	150	ppm		
52.5	West Point/South Doc	883	ppm		
41	Verplanck	3071	ppm		
35	Croton Point Park	4641	ppm		
32	Ossining	4641	ppm		
30	Kingsland Point Park	5500	ppm		
25E	Irvington	6500	ppm		
25W	Piermont	6500	ppm		
19	Alpine Boat Basin	8000	ppm		
18	Beczak, Yonkers	8500	ppm		
17	Mt. St. Vincent	9000	ppm		
13	Englewood Park	9500	ppm		
surface6	79th St. Boat Basin	11000	ppm		
depth 6	79th St. Boat Basin	23000	ppm		
5	Pier 95	12000	ppm		
4	Pier 84	13000	ppm		
3	Chelsea Piers	13000	ppm		
2	Pier 40	14000	ppm		
Har14	Inwood Park	10000	ppm		
Har13	Swindler Cove	13000	ppm	30000-21000	RED
Har13.1	Sherman Creek	13000	ppm	20000-11000	ORANGE
Har12	Roberto Clemente	11000	ppm	10000-8000	YELLOW
ER Newtown	Newtown Creek	23000	ppm	7900-2100	GREEN
R Stuyvesant	Stuyvesant Cove/Solar	24000	ppm	2000-101	BLUE
mpire Fulton	Brooklyn Bridge	24500	ppm	100-0	PURPLE
razano Bridge	Verrazano	20000	ppm		
Canarsie Park - Jamaica Bay	Canarsie Pier	29000	ppm	NOTE: Hudson River Miles are displayed on the map on the West side of the river in increments of every 5 miles.	
Breezy Point - NY Bight	Breezy Point	30000	ppm		