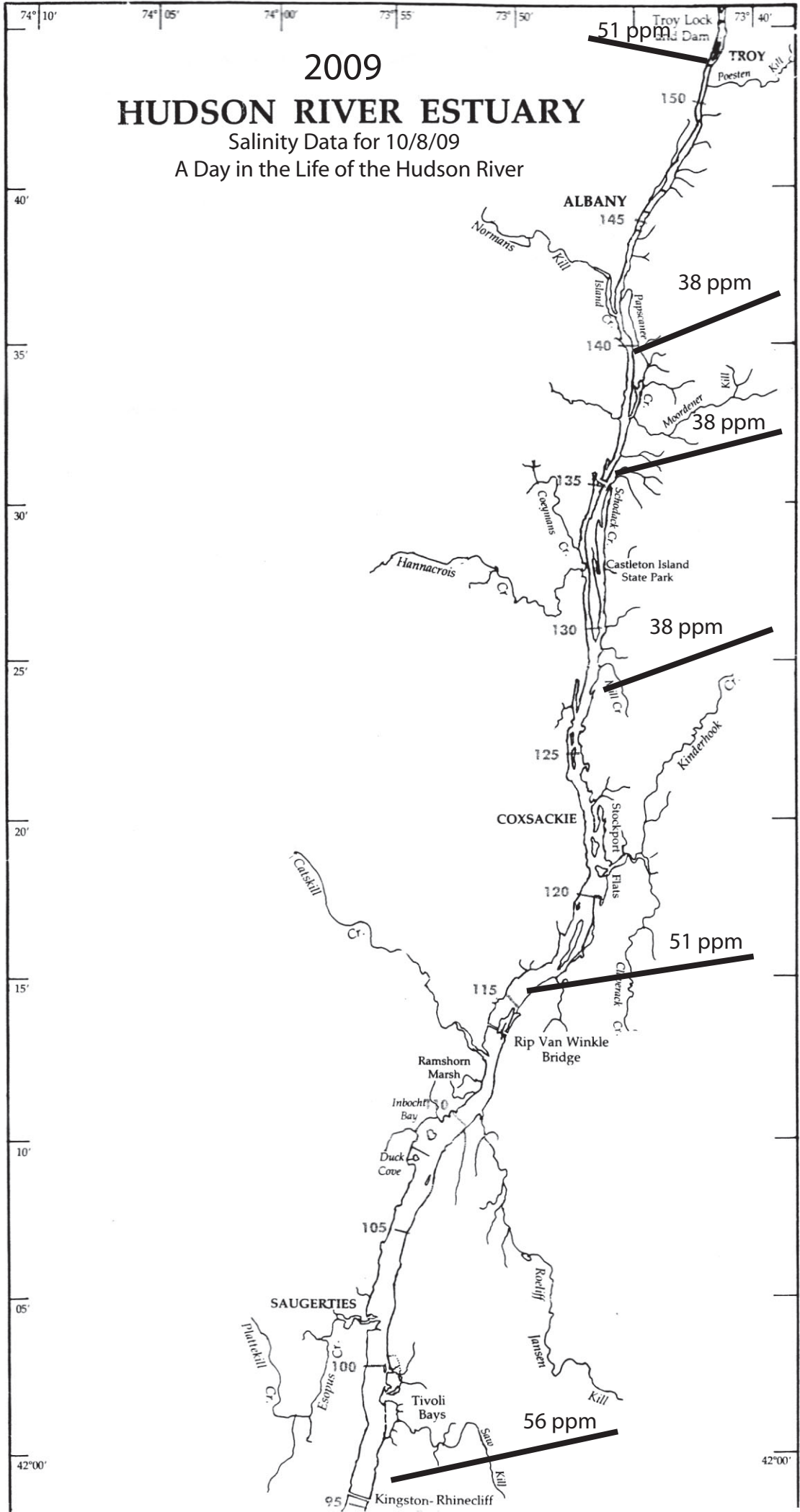
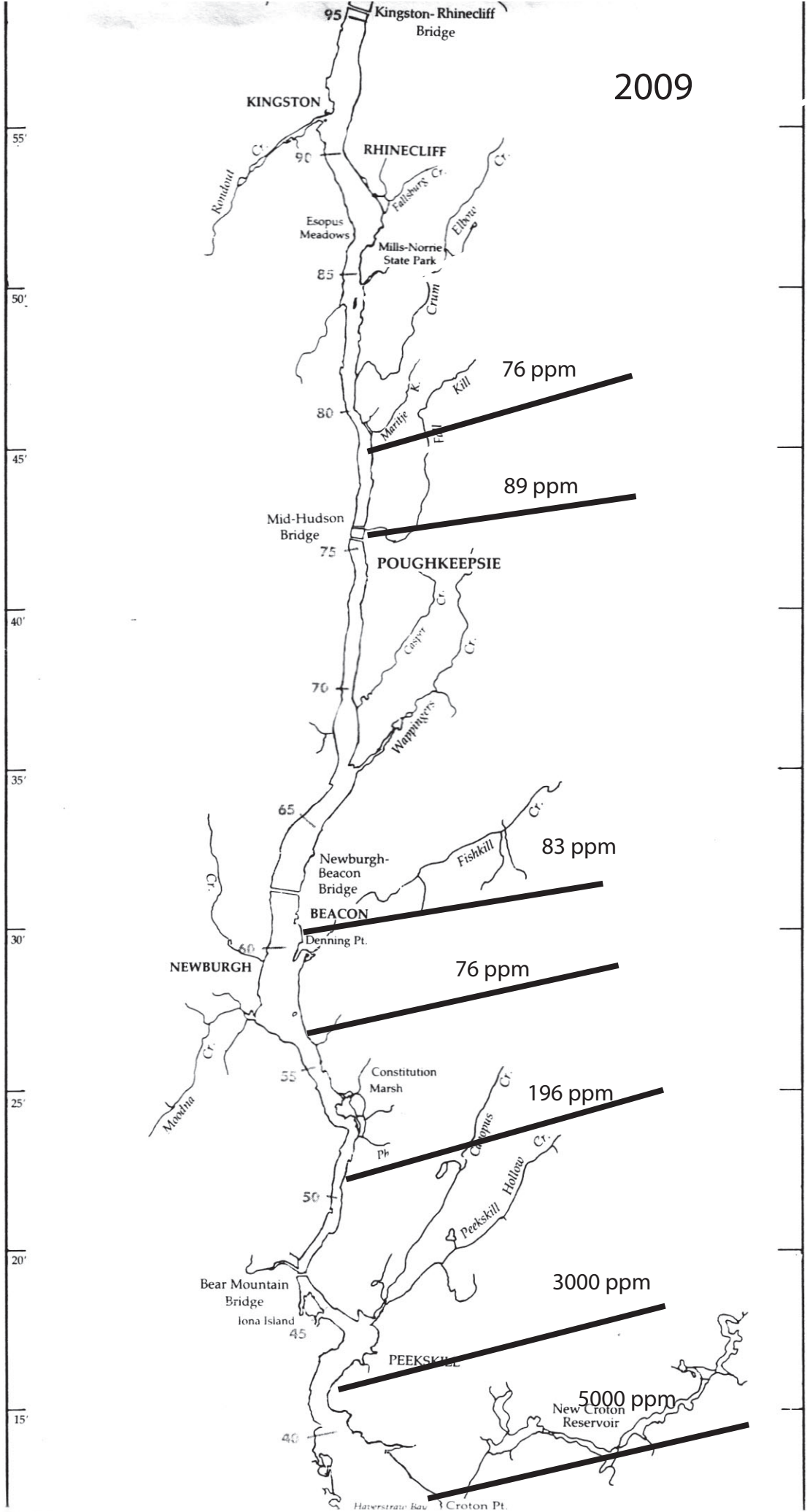


2009 HUDSON RIVER ESTUARY

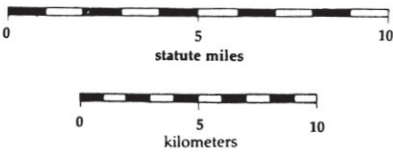
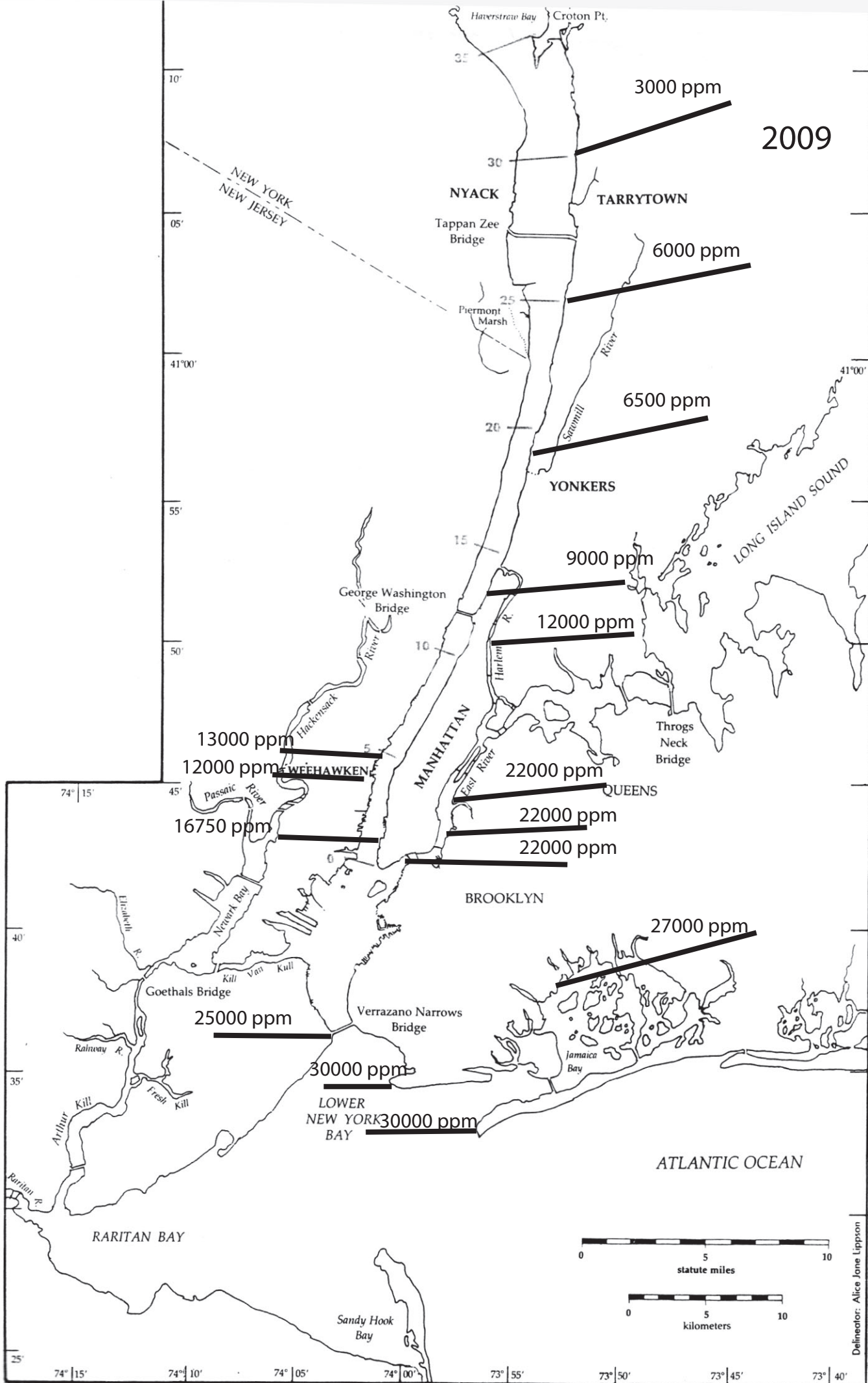
Salinity Data for 10/8/09
A Day in the Life of the Hudson River



2009



2009



Delineator: Alice Jane Lippson

Standardized Salinity 10/8/09
Day in the Life Data

RM Site	Name	Salinity - ppm	notes	DIRECTIONS	
153	Green Island	51		<p>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 2009 '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 AM and PM is different at Fort Washington Park? (Hint look at the tides)</p>	
144	Rensselaer Boat	38			
138	Henry Hudson Park	38			
133	Schodack Island	38			
127	Stuyvesant Landing	38			
115	Cohotate Preserve	51			
97	Ulster Landing	56			
92	Kingston Point Park	51			
78	Quiet Cove	76			
76	Waryas Park MHCM	89			
76	Waryas Park AHS*- 2 samples collected (surface & 40 ft. depth)	51	both samples same		
61	Long Dock Beacon	83			
61	Newburgh Landing	63			
60	Dennings Point	89			
58	Kowawese	134			
57	Cornwall	76			
55	Little Stony Point	117			
53#a	Garrison Landing	117	avg. 196		
53#b	Garrison Landing	275			
41	Verplanck	3000			
36	Croton Point Park	4500			
32	Ossining	5000			
31	Nyack Beach	5000			
30	Nyack Memorial Park	3000			
25E	Irvington	6000			
25W	Piermont Pier	7000			
18	Habirshaw Park	6500			
13	Engelwood Boat Basin	9000			
11	Fort Washington Park AM	9750	low tide		
11	Fort Washington Park PM	14000	flood tide		
5	Pier 96	13000			
5	Pier 96	13000			
4b	Intrepid	12000			
4	Pier 84	12000		30000-21000	RED
3	Christopher Street	15000		20000-11000	ORANGE
2	Pier 40 - Harbor School	18500	avg. 1675	10000-8000	YELLOW
2	Pier 40 - River Project	15000		7900-2100	GREEN
Har14	Inwood Park	9000		2000-101	BLUE
Har13	Swindler Cove	12000		100-0	PURPLE
Har10	150th Street	10000			
ER 4W	Solar One Stuyvesant	21000		<p>NOTE: Hudson River Miles are displayed on the map on the West side of the river in increments of every 5 miles.</p>	
ER 4E	Newtown Creek	22000			
ER 1W	ER Empire Fulton	22000			
ER 0.5	Southstreet Seaport	22000			
-7	Verrazano Bridge	25000			
-6.5	Canarsie Park in Jamaica Bay	27000			
-9	Brighton Beach- NY Bight	30000			
-11	Breezy Point - NY Bight	30000			