

GENERAL TRIP NOTES

DATE	SITE	
4/19/2021	13-19	water clarity-very green, murky in Mill Neck creek
4/26/2021		anchor loop broke left side, winch slipping at rope anchor connection point, notification tag on anchor line, more bumpers and lines
6/1/2021		anchor line frayed, may need winch adjustment
6/7/2021		anchor line frayed at anchor chain, needs fixing ASAP
6/7/2021	ALL Locations	Air Temp excessive - data sheets have most locations mid to high 30's (converts to 90's - 100 F) *accuweather.com shows a high of 82 on 6/7
6/7/2021	1-11,13,14	% SAT either at top of or exceeding range at top and 1m levels, occasionally bottom (top of range is 120%)
6/7/2021	12,16,18,19	Closer to normal (avg. around 100%) but high for locations compared to other dates this season and time of year
6/7/2021	15,17	No data recorded due to tide being too low and shallow depths
6/7/2021	ALL Locations	** % SAT very high and untypical for most locations
6/15/2021	9,10,11,19	% SAT at top of range at (top of range is 120%)
6/15/2021	15,16,17	No data recorded due to tide being too low and shallow depths
6/28/2021	Inner Cold Spring	dead fish!
6/28/2021	7,8, 15-18	No data recorded due to tide being too low and shallow depths
7/6/2021		winch is slipping on rope, pH sensor unoperative
7/12/2021		2 x CO2 canisters for life vests
7/12/2021	15-17	No data recorded due to tide being too low and shallow depths
7/19/2021	14	observed one dead fish, one dead crab
7/19/2021	2,15	Dissolved Oxygen is in the mid-4 mg/l range at the bottom water level at one site in CSH & one site in MNC
7/19/2021	17	Dissolved Oxygen is in the mid-4 mg/l range at all water levels at one site in MNC * DO in the 2-4 mg/l range is harmful to marine life
7/26/2021		bunker schooling at surface Oyster Bay, mostly Cold Spring Harbor)
8/2/2021		pH unreliable, consistently read same value
8/9/2021		pH seems to be working, still iffy
8/9/2021	1	DO in hypoxic range at all depths
8/9/2021	2	DO in hypoxic range at all depths
8/9/2021	3	DO in hypoxic range at bottom depth
8/9/2021	15	observed two dead fish
8/9/2021		bacteria levels extremely high after rainfall in previous 24 hrs. Lab sheets have asterisks next to some enterococci. I think some of highest numbers we've seen. I don't know what they symbolize but I have to ask David.
8/16/2021	NO SAMPLING	Engine Troubleshooting
8/24/2021	1,2,5	DO is in top of hypoxic range at all depths
8/24/2021	3,6	DO is in top of hypoxic range at Btm. Depth
8/24/2021	12	DO is in top of hypoxic range at top and 1m depths
8/24/2021	9,18	No Btm. Depth data recorded due to shallow depths
8/24/2021	13-17, 19	Sonde started malfunctioning at site 13 and thru 17 & 19
8/31/2021	2,15	DO is in hypoxic range at all depths
8/31/2021	17	DO is in hypoxic range at top and 1m depths; No Btm. Depth data recorded due to shallow depths
9/7/2021	2	DO is at top of hypoxic range at all depths pH sensor sent for repair - still being serviced