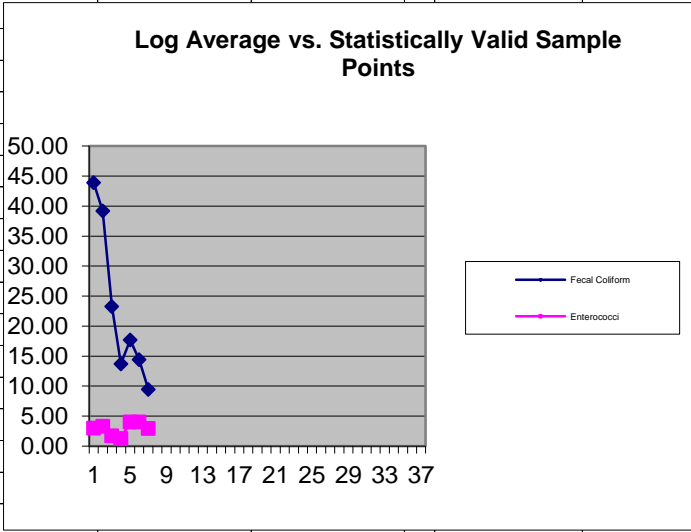


# 2020 Manhasset Bay Bacteria Data

Leeds Pond - MB-1																											
Date	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht															
	CFU/100ml.	Log AvgFC	CFU/100ml.	Log AvgEnt																							
06/29/20	4.00	0.00	1.00	0.00			7:20	75	70.3	0	1	0															
07/06/20	54.00	14.70	17.00	4.12			7:10	73	74	0	1	0															
07/13/20	1100.00	61.94	74.00	10.80			7:05	84	74	0	1	0															
07/20/20	136.00	75.40	38.00	14.79			7:00	82	76.4	0	1	0															
07/27/20	15.00	54.59	10.00	13.67			7:40	78	77.6	0	1	0	2ft														
08/03/20	21.00	76.05	9.00	21.22			7:00	80	77	W-9	1	1															
08/10/20	12.00	56.30	2.00	13.83			8:00	76	72	S-5	1	0															
08/17/20	491.00	47.91	61.00	13.31	Entro > 60		7:50	66	75	n-8	1	0															
08/24/20	48.00	38.90	9.00	9.98			7:45	73	76	S-4	1	0															
08/31/20	10.00	35.87	2.00	7.23			7:20	68	77	0	1	0															
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;"> <p style="text-align: center;"><b>Log Average vs. Statistically Valid Sample Points</b></p> </div> <div style="width: 65%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="text-align: center;">Excessive Counts</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Fecal Coliform</td> <td></td> </tr> <tr> <td style="text-align: center;">CFU &gt; 1000</td> <td style="text-align: center;">1</td> </tr> <tr> <td style="text-align: center;">Log Avg &gt; 200</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">Enterococci</td> <td></td> </tr> <tr> <td style="text-align: center;">Log Avg &gt; 35</td> <td style="text-align: center;">0</td> </tr> <tr> <td style="text-align: center;">CFU</td> <td style="text-align: center;">0</td> </tr> </tbody> </table> </div> </div>														Excessive Counts		Fecal Coliform		CFU > 1000	1	Log Avg > 200	0	Enterococci		Log Avg > 35	0	CFU	0
Excessive Counts																											
Fecal Coliform																											
CFU > 1000	1																										
Log Avg > 200	0																										
Enterococci																											
Log Avg > 35	0																										
CFU	0																										

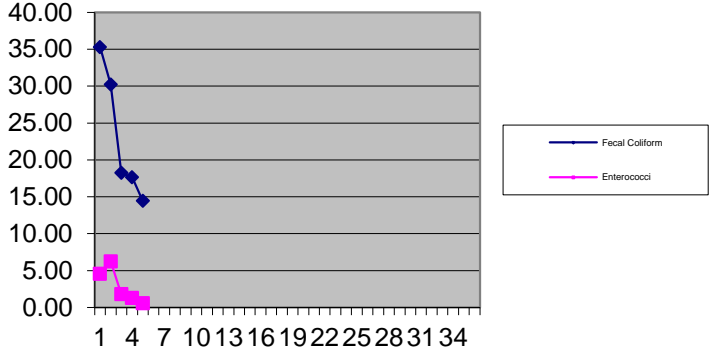
Kennelworth - MB-2													
Date	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht	
	CFU/100ml.	Log AvgFC	CFU/100ml.	Log AvgEnt									
06/29/20	191.00	0.00	27.00	0.00			7:40	75	70.4	0	1	0	
07/06/20	42.00	89.57	10.00	16.43			7:25	73	72	0	1	0	
07/13/20	33.00	64.21	0.10	3.00			7:20	84	72	0	1	0	
07/20/20	14.00	43.88	3.00	3.00			7:15	82	75	0	1	0	
07/27/20	25.00	39.21	5.00	3.32			7:25	77	77	0	1	0	4ft
08/03/20	14.00	23.25	1.00	1.72			7:20	80	76.5	W-9	1	1	
08/10/20	3.00	13.71	2.00	1.25			8:25	76	71	S-5	1	0	
08/17/20	118.00	17.69	36.00	4.04			7:30	66	74	N-8	1	0	
08/24/20	5.00	14.40	3.00	4.04			7:30	73	75.3	S-4	1	0	
08/31/20	3.00	9.42	1.00	2.93			7:30	68	76.6	0	1	0	



Excessive Counts			
Fecal Coliform			
CFU>1000	0		
Log Avg> 200	0		
Enterococci			
Log Avg> 35	0		
CFU	0		

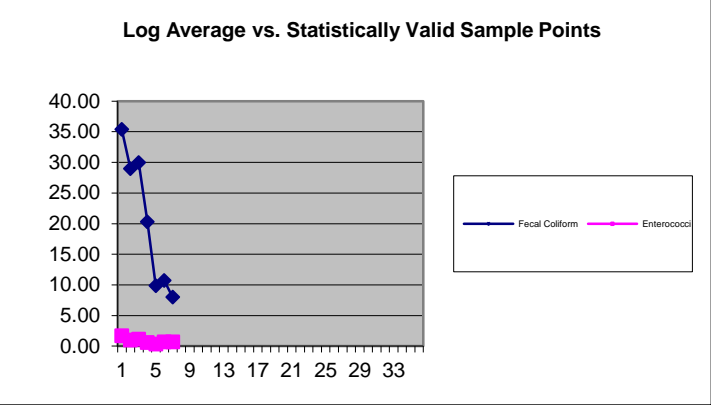
Manorhaven - MB-3												
Date	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht
	CFU/100ml.	Log AvgFC	CFU/100ml	Log AvgEnt								
06/29/20	136.00	0.00	0.10	0.00			8:00	75	70	0	1	0
07/06/20	24.00	57.13	1.00	0.32			7:35	73	74	0	1	0
07/13/20	150.00	78.82	52.00	1.73			7:40	84	74	0	1	0
07/20/20	47.00	69.26	6.00	2.36			7:20	82	76.4	0	1	0
07/27/20	19.00	53.47	6.00	2.85			7:15	78	77.8	0	1	0 2ft
08/03/20	17.00	35.28	1.00	4.51			7:35	80	77	W-9	1	1
08/10/20	11.00	30.18	5.00	6.23			8:35	76	72	S-5	1	0
08/17/20	12.00	18.21	0.10	1.78			7:10	66	76	N-8	1	0
08/24/20	40.00	17.63	1.00	1.25			7:10	73	76	S-4	1	0
08/31/20	7.00	14.44	0.10	0.55			7:40	68	77	0	1	0

Log Average vs. Statistically Valid Sample Points



Excessive Counts	
Fecal Coliform	
MPN>1000	0
CFU>1000	0
Enterococci	
Log Avg> 35	0
MPN>104	0
CFU	

NUN 4 - MB-4													
	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht	
Date	CFU/100ml.	Log AvgFC	CFU/100m	Log AvgEnt									
06/29/20	11.00	0.00	1.00	0.00			7:50	75	70.1	0	1	0	
07/06/20	21.00	15.20	3.00	1.73			7:30	73	72	0	1	0	
07/13/20	260.00	39.16	25.00	4.22			7:25	84	72	0	1	0	
07/20/20	26.00	35.35	0.10	1.65			7:10	82	75.6	0	1	0	
07/27/20	13.00	28.94	0.10	0.94			7:20	77	77	0	1	0	4ft
08/03/20	13.00	29.92	2.00	1.08			7:30	80	76.9	W-9	1	1	
08/10/20	3.00	20.28	0.10	0.55			8:20	76	71	S-5	1	0	
08/17/20	7.00	9.84	1.00	0.29			7:20	66	74	N-8	1	0	
08/24/20	39.00	10.67	6.00	0.65			7:25	73	75.3	S-4	1	0	
08/31/20	3.00	7.96	0.10	0.65			7:35	68	76.6	0	1	0	



**Excessive Counts**

Fecal Coliform

CFU > 1000 0

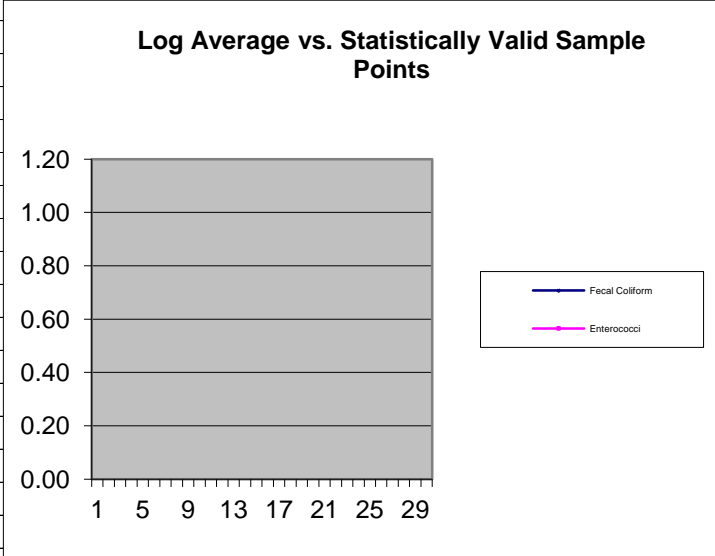
Log Avg > 200 0

Enterococci

Log Avg > 35 0

CFU 0

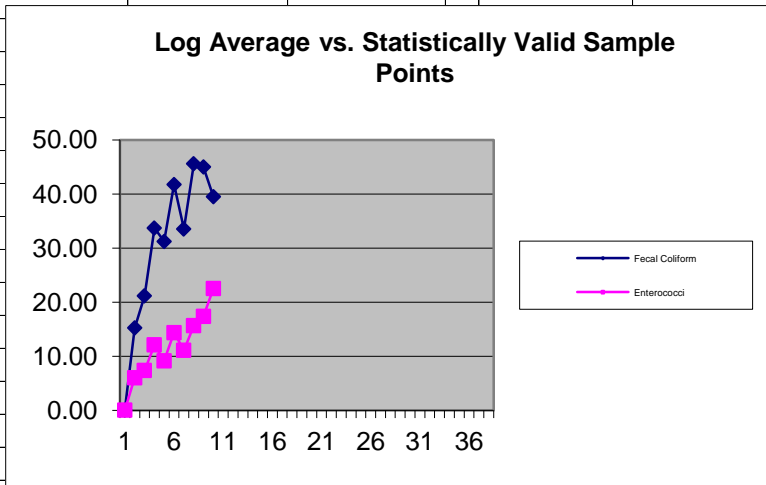
Baxter Beach - MB-5													
Date	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht	
	CFU/100ml.	Log AvgFC	CFU/100ml.	Log AvgEnt									
06/29/20	280.00	0.00	32.00	0.00			7:05	75	69.5	0	1	0	
07/06/20	3400.00	<b>975.70</b>	320.00	<b>101.19</b>			7:50	73	74.4	0	1	0	
07/13/20	1600.00	<b>1150.59</b>	420.00	<b>162.62</b>			7:00	84	74	0	1	0	
07/20/20	270.00	<b>800.81</b>	23.00	<b>99.73</b>			7:25	82	76.4	0	1	0	
07/27/20	191.00	<b>601.22</b>	51.00	<b>87.21</b>			7:00	78	77.8	0	1	0	
08/03/20	510.00	<b>677.82</b>	39.00	<b>90.73</b>			7:50	80	78	W-9	1	1	
08/10/20	10.00	<b>211.26</b>	4.00	<b>37.77</b>			8:50	76	72	S-5	1	0	
08/17/20	4900.00	<b>264.26</b>	61.00	25.68	ENTRO > 60		7:00	66	76	N-8	1	0	
08/24/20	44.00	183.84	14.00	23.25			7:00	73	76	S-4	1	0	
08/31/20	181.00	181.88	6.00	15.15			7:00	68	78	0	1	0	



Excessive Counts	
Fecal Coliform	
CFU>1000	3
Log Avg> 200	7
Enterococci	
Log Avg> 35	6
CFU	2

### Manorhaven Beach - MB-6

Date	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht
	CFU/100ml.	Log AvgFC	CFU/100ml.	Log AvgEnt								
06/29/20	7.00	0.00	2.00	0.00			8:05	75	70	0	1	0
07/06/20	33.00	15.20	18.00	6.00			7:40	73	74.4	0	1	0
07/13/20	41.00	21.16	11.00	7.34			7:30	84	74	0	1	0
07/20/20	136.00	33.69	54.00	12.09			7:30	82	76.4	0	1	0
07/27/20	23.00	31.21	3.00	9.15			7:10	78	77.6	0	1	0
08/03/20	30.00	41.76	19.00	14.35			7:40	80	78	W-9	1	1
08/10/20	11.00	33.52	5.00	11.11			8:40	76	72	S-5	1	0
08/17/20	191.00	45.60	61.00	15.65	ENTERO>60		7:15	66	76	N-8	1	0
08/24/20	127.00	44.98	91.00	17.37			7:15	73	76	S-4	1	0
08/31/20	12.00	39.49	11.00	22.53			7:50	68	78	0	1	0



Excessive Counts	
Fecal Coliform	
CFU>1000	0
Log Avg> 200	0
Enterococci	
Log Avg> 35	0
CFU	0

GREAT NECK - MB-7													
Date	Fecal Coliform		Enterococci		Comments	Rain	Time	Air	Water	Wind	Weather	Wave Ht	
	CFU/100ml.	Log AvgFC	CFU/100ml.	Log AvgEnt									
06/29/20	55.00	0.00	14.00	0.00			7:30	75	70	0	1	0	
07/06/20	<b>7100.00</b>	<b>624.90</b>	2600.00	<b>190.79</b>			7:20	73	74.4	0	1	0	
07/13/20	360.00	<b>519.97</b>	130.00	<b>167.89</b>			7:10	84	74	0	1	0	
07/20/20	68.00	<b>312.69</b>	44.00	<b>120.12</b>			7:05	82	76.4	0	1	0	
07/27/20	155.00	<b>271.74</b>	54.00	<b>102.37</b>			7:50	78	77.8	0	1	0	2ft
08/03/20	44.00	<b>259.88</b>	44.00	<b>128.72</b>			7:10	80	78	W-9	1	1	
08/10/20	136.00	117.82	56.00	<b>59.74</b>			8:10	76	73	S-5	1	0	
08/17/20	100.00	91.19	38.00	<b>46.71</b>			7:45	66	76	N-8	1	0	
08/24/20	136.00	104.75	73.00	<b>51.69</b>			8:00	73	76	S-4	1	0	
08/31/20	290.00	118.74	8.00	<b>35.28</b>			7:15	68	78	0	1	0	

**Log Average vs. Statistically Valid Sample Points**

Sample Point	Fecal Coliform (Log Avg)	Enterococci (Log Avg)
1	624.90	190.79
6	312.69	120.12
11	271.74	102.37
16	259.88	128.72
21	117.82	59.74
26	91.19	46.71
31	104.75	51.69
36	118.74	35.28

Excessive Counts			
Fecal Coliform			
CFU>1000		1	
Log Avg> 200		5	
Enterococci			
Log Avg> 35		9	
CFU		2	