NJDEP Water Monitoring & Standards

Bureau of Marine Water Monitoring

Sampling Stations	Water Quality: Fecal Coliform Analysis				
	Fecal Coliform (CFU's/100mL)				
	12/11/12	*12/13/12*	*12/17/12*	*12/27/12*	*3/21/13*
1	20	NS	<10	NS	27*
2	<10	NS	10	NS	3*
3	<10	NS	<10	NS	<3*
4	<10	NS	NS	NS	<3*
5	<10	NS	NS	NS	<3*
6	<10	NS	NS	NS	3*
7	NS	NS	NS	NS	3*
8	NS	NS	NS	NS	<3*
9	NS	NS	NS	NS	<3*
10	NS	NS	NS	NS	<3*
11	NS	NS	NS	NS	<3*
12	NS	NS	NS	NS	<3*
13	NS	NS	NS	NS	<3*
14	NS	NS	NS	NS	<3*
15	NS	NS	NS	NS	<3*
16	NS	NS	NS	NS	3*
17	NS	NS	NS	NS	<3*
18	NS	<10	<10	NS	<3*
19	NS	NS	NS	NS	<3*
20	NS	NS	<10	NS	<3*
21	NS	NS	NS	NS	<3*
22	NS	NS	NS	NS	<3*
23	NS	NS	NS	NS	7*
24	NS	NS	NS	NS	<3*
25	NS	NS	NS	NS	<3*
26	NS	NS	NS	NS	3*
27	NS	NS	NS	NS	7*
28	NS	NS	NS	NS	<3*
29	NS	NS	NS	NS	7*
30	NS	NS	NS	NS	7*
31	NS	NS	NS	NS	<3*
32	NS	NS	NS	NS	3*
33	NS	NS	NS	NS	<3*
34	NS	NS	NS	NS	<3*
35	NS	NS	NS	NS	3*

Sampling Stations	Water Quality: Fecal Coliform Analysis				
	Fecal Coliform (CFU's/100mL)				
	12/11/12	*12/13/12*	*12/17/12*	*12/27/12*	*3/21/13*
36	NS	NS	NS	NS	<3*
37	NS	NS	NS	NS	3*
38	NS	NS	NS	NS	NS
39	NS	NS	NS	NS	NS
40	NS	NS	NS	NS	NS
41	NS	NS	NS	NS	NS
42	NS	NS	NS	NS	NS
43	NS	NS	NS	NS	NS
44	NS	NS	NS	NS	NS
45	NS	NS	NS	NS	NS
46	NS	NS	NS	NS	NS
47	NS	NS	NS	NS	NS
48	NS	NS	NS	NS	NS
49	NS	NS	NS	NS	NS
50	NS	NS	NS	NS	NS
51	NS	NS	NS	NS	NS
52	NS	NS	NS	NS	NS
53	NS	NS	NS	NS	NS
54	NS	NS	NS	NS	NS
55	NS	NS	NS	NS	NS
56	NS	NS	NS	NS	NS
57	NS	NS	NS	NS	NS
58	NS	NS	NS	NS	NS
59	NS	NS	NS	NS	NS
60	NS	NS	NS	NS	NS
61	NS	NS	NS	NS	NS
62	NS	NS	NS	NS	NS
63	NS	NS	NS	NS	NS
64	NS	NS	NS	NS	NS
65	NS	NS	NS	NS	NS
66	NS	NS	NS	NS	NS
67	NS	NS	NS	NS	NS
68	NS	NS	NS	NS	NS
69	NS	NS	NS	NS	NS
70	NS	NS	NS	NS	NS

Sampling Stations	Water Quality: Fecal Coliform Analysis				
	Fecal Coliform (CFU's/100mL)				
	12/11/12	*12/13/12*	*12/17/12*	*12/27/12*	*3/21/13*
71	NS	NS	NS	NS	NS
72	NS	NS	NS	NS	NS
73	NS	NS	NS	NS	NS
74	NS	NS	NS	NS	NS
75	NS	NS	NS	NS	NS
76	NS	NS	NS	NS	NS
77	NS	NS	NS	NS	NS
78	NS	NS	NS	NS	NS
79	NS	NS	NS	NS	NS
80	NS	NS	NS	NS	NS
81	NS	NS	NS	NS	NS
82	NS	NS	NS	NS	NS
83	NS	NS	NS	NS	NS
84	NS	NS	NS	NS	NS
85	NS	NS	NS	NS	NS
86	NS	NS	NS	NS	NS
87	NS	NS	NS	NS	NS
88	NS	NS	NS	NS	NS
89	NS	NS	NS	NS	NS
90	NS	NS	NS	NS	NS
91	NS	NS	NS	NS	NS
92	NS	NS	NS	NS	NS
93	<10	NS	NS	NS	NS
94	20	NS	<10	NS	NS
95	10	NS	<10	NS	NS
96	<10	NS	NS	NS	NS
97	NS	<10	<10	NS	NS
98	NS	<10	<10	NS	NS
99	NS	<10	<10	NS	NS
100	NS	<10	10	NS	NS
101	NS	<10	<10	NS	NS
102	NS	<10	<10	NS	NS
103	NS	<10	10	NS	NS
104	NS	10	<10	NS	NS
105	NS	10	<10	NS	NS

Sampling Stations	Water Quality: Fecal Coliform Analysis				
	Fecal Coliform (CFU's/100mL)				
	12/11/12	*12/13/12*	*12/17/12*	*12/27/12*	*3/21/13*
106	NS	30	10	NS	NS
107	NS	<10	<10	NS	NS
108	NS	10	<10	NS	NS
109	NS	10	10	NS	NS
110	NS	<10	<10	NS	NS
111	NS	<10	10	NS	NS
112	NS	<10	<10	NS	NS
113	NS	10	<10	NS	NS
114	NS	<10	<10	NS	NS
115	NS	<10	<10	NS	NS
116	NS	10	<10	NS	NS

Sampling Stations	Water Quality: Fecal Coliform Analysis				
	Fecal Coliform (CFU's/100mL)				
	12/11/12	*12/13/12*	*12/17/12*	*12/27/12*	*3/21/13*
117	NS	<10	<10	NS	NS
118	NS	10	10	NS	NS
119	NS	<10	<10	NS	NS
120	NS	<10	10	NS	NS
121	NS	<10	10	NS	NS
122	NS	<10	<10	NS	NS
123	NS	<10	<10	NS	NS
124	NS	<10	<10	NS	NS
125	NS	20	<10	NS	NS
126	NS	<10	<10	NS	NS
127	NS	<10	<10	NS	NS

Sampling Stations	Water Quality: Fecal Coliform Analysis				
	Fecal Coliform (CFU's/100mL)				
	12/11/12	*12/13/12*	*12/17/12*	*12/27/12*	*3/21/13*
128	NS	<10	40	NS	NS
129	NS	<10	20	NS	NS
130	NS	<10	20	NS	NS
131	NS	<10	<10	NS	NS
132	NS	NS	NS	10	NS
133	NS	NS	NS	<10	NS
134	NS	NS	NS	<10	NS

Notes: NS = No Sample Fecal Coliform Criteria: Approved < 14 CFU's/100mL, Special Restricted < 88 CFU's/100mL
*Enterococcus Result, Enterococcus Bathing Beach Standard 104 CFU's/100mL

Coliphage Analysis

Shellfish Tissue Sample Area		Shellfish Tissue Quality: Coliphage Analysis (PFU/100grams)																						
		12/11/12	12/12	12/13	12/18	12/19	12/27	1/2/13	1/3	1/9	1/10	1/16	1/17	1/23	1/24	1/30	2/4	2/6	2/13	2/21	2/26	3/5	3/13	3/19
Ocean County	*Sites D & E*	506																						
	Sites F & Q	3950																						
	Sites R & S		<10																					
	*Site T**		73			<10																		
	Site D				263				1526		613	1128		394		213		599	138	490	308	114	89	160
	Site E				445				10		10													
	Site F3				5407		3710				1690	1166		595			470		867	486	502	1351	543	806
	*Site F2**						3089							248									142	
	Site F1						2075																	
	Site Q				4283				610		597	1614			672		456		174	488	353	305	131	843
	Sites S & V					112																		
	Site R							97		75			237		<10									
	Site V							293		920			588		42									
	Site W								283															
Monmouth County	*Sites H, I & J*			20																				

Coliphage Criteria: < 50 PFU/100 grams *Oyster Tissue

Fecal Coliform Sample Locations

Sampling Stations	Latitude	Longitude
1	40.47233	-74.19737
2	40.48983	-74.11625
3	40.49011	-74.0932
4	40.49955	-74.0357
5	40.47372	-74.0282
6	40.42094	-74.00458
7	40.38872	-73.9793
8	40.38094	-73.98764
9	40.35594	-73.98486
10	40.33317	-74.0018
11	40.01762	-74.07292
12	39.9179	-74.10264
13	39.90706	-74.1118
14	39.83762	-74.1343
15	39.75012	-74.18208
16	39.5954	-74.25125
17	39.63734	-74.23042
18	39.66095	-74.20653
19	39.57484	-74.28098
20	39.57206	-74.33014
21	39.54456	-74.40876
22	39.52067	-74.4032
23	39.52123	-74.39126
24	39.39901	-74.48348
25	39.42151	-74.46487
26	39.35012	-74.5096
27	39.33928	-74.53821
28	39.29645	-74.61043
29	39.29206	-74.62044
30	39.30984	-74.59127

Sampling Stations	Latitude	Longitude
31	39.26484	-74.61627
32	39.22067	-74.66349
33	39.17567	-74.69961
34	39.11647	-74.73319
35	39.09872	-74.76461
36	39.09274	-74.75031
37	39.059	-74.80517
38	39.09178	-74.79405
39	39.04178	-74.94795
40	39.10178	-74.90962
41	39.19178	-74.97629
42	39.20178	-75.05629
43	39.26345	-75.2163
44	39.26511	-75.2363
45	39.27511	-75.2463
46	39.31928	-75.32714
47	39.35011	-75.41131
48	40.5941	-74.04801
49	40.48844	-73.99625
50	40.359	-73.96236
51	40.341802	-73.951311
52	40.22678	-73.98736
53	40.194	-73.99736
54	40.08012	-74.02958
55	40.01512	-74.04458
56	39.94679	-74.05791
57	39.96012	-74.04458
58	40.02341	-74.02978
59	40.07678	-74.01958
60	40.19039	-73.97625

Sampling Stations	Latitude	Longitude
61	40.21845	-73.94458
62	40.34011	-73.91847
63	40.36039	-73.91902
64	40.48677	-73.94736
65	40.688766	-74.05425
66	40.6509167	-74.1484
67	40.6740167	-74.132667
68	40.7173167	-74.1059
69	40.7220833	-74.12085
70	40.6491167	-74.166817
71	40.6401833	-74.15891667
72	40.65444	-74.061634
73	40.712639	-74.123
74	40.45661667	-74.37275
75	40.4684	-74.36993333
76	40.4705	-74.36821667
77	40.4717	-74.36646667
78	40.48091667	-74.37343333
79	40.47493333	-74.35691667
80	40.50911667	-74.29611667
81	40.46895	-74.23431667
82	40.5083	-74.1582
83	40.47325	-74.17353333
84	40.49796667	-74.32131667
85	40.49295	-74.32745
86	40.38178	-74.01347
87	40.37344	-74.02319
88	40.37011	-74.04403
89	40.36205	-74.06208
90	40.34678	-73.99542

Sampling Stations	Latitude	Longitude
91	40.3388	-74.00125
92	40.32494	-74.01984
93	40.43289	-74.04014
94	40.46288	-74.15153
95	40.47927	-74.15653
96	40.44455	-74.00597
97	39.6454	-74.18847
98	39.63706	-74.18931
99	39.63012	-74.19486
100	39.61984	-74.20125
101	39.61373	-74.21014
102	39.60706	-74.21181
103	39.5979	-74.22236
104	39.59262	-74.2257
105	39.58345	-74.22931

Sampling Stations	Latitude	Longitude
106	39.57845	-74.23097
107	39.57151	-74.23764
108	39.56817	-74.24403
109	39.56651	-74.24681
110	39.56155	-74.246
111	39.55734	-74.24792
112	39.55373	-74.25236
113	39.55012	-74.25706
114	39.53706	-74.26403
115	39.5354	-74.2682
116	39.66317	-74.19847
117	39.6579	-74.21847
118	39.63901	-74.24486
119	39.6329	-74.2532
120	39.62067	-74.25653

Sampling Stations	Latitude	Longitude
121	39.6154	-74.26486
122	39.61234	-74.25736
123	39.60984	-74.28431
124	39.60206	-74.28514
125	39.59512	-74.30042
126	39.58901	-74.30792
127	39.58095	-74.31876
128	39.57678	-74.33764
129	39.5754	-74.33431
130	39.56901	-74.32459
131	39.55373	-74.31709
132	39.5711	-74.23912
133	39.57597	-74.24247
134	39.58286	-74.2475