



Blue Water Task Force Water Quality Analysis

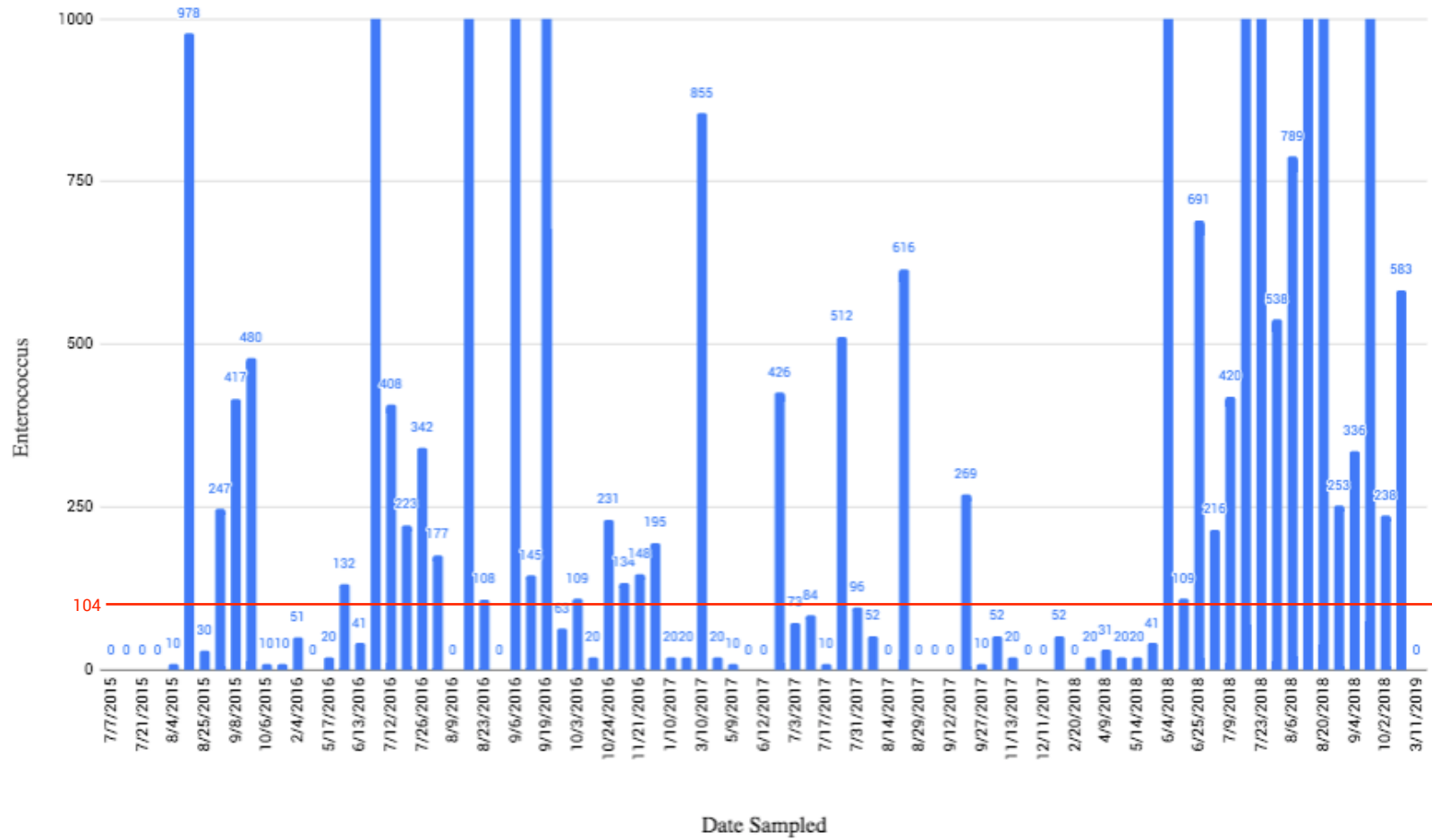
- 50 sites monitored from Hampton Bays to Montauk, year-round.
- Local partners: Concerned Citizens of Montauk, the Peconic Baykeeper & Dr. Chris Gobler’s lab at Stony Brook University School of Marine and Atmospheric Sciences.
- Sampling plan designed to fill in gaps of the Suffolk County Department of Health’s beach monitoring program which only tests lifeguarded beaches approximately two times per summer. All sites are tested weekly during the summer months, bi-weekly during fall and spring, and monthly during the winter.
- Sampling sites include bays, estuaries, ponds, and ocean beaches are tested for enterococcus, a coliform bacteria that indicates fecal pollution from human or animal sources.
- Results compared to U.S. EPA recreational water quality health standard of 104 colony forming units of enterococcus per 100mL sample (104 cfu/100mL).
- Data gets shared online at go.surfrider.org/BWTF, social media, water quality alert email subscriptions, via the Swim Guide mobile application, and in community presentations.
- Raw data is available for download at go.surfrider.org/BWTF

Georgica Pond: Route 27 Kayak Launch



Number of Samples Taken at the Route 27 Kayak Launch	85
% of Samples that Exceed EPA Health Standard	48%

Georgia Pond Kayak Launch Water Quality



—: EPA Health Standard for Coastal Recreational Waters

Date Sampled	Enterococcus	Recent Rain	Cut				
				10/10/2016	20	yes	open
7/7/2015	0	no	closed	10/24/2016	231	yes	closed
7/14/2015	0	yes	closed	11/7/2016	134	no	closed
7/21/2015	0	no	closed	11/21/2016	148	yes	closed
7/28/2015	0	no	closed	12/5/2016	195	yes	closed
8/4/2015	10	yes	closed	1/10/2017	20	no	
8/11/2015	978	yes	closed	2/15/2017	20	no	closed
8/25/2015	30	yes	closed	3/10/2017	855	no	closed
9/1/2015	247	no	closed	4/10/2017	20	no	closed
9/8/2015	417	no		5/9/2017	10	yes	closed
9/15/2015	480	no		5/22/2017	0	yes	closed
10/6/2015	10	no		6/12/2017	0	no	
12/14/2015	10	no	closed	6/26/2017	426	yes	
2/4/2016	51	yes	closed	7/3/2017	73	yes	
4/18/2016	0	no	closed	7/10/2017	84	no	closed
5/17/2016	20	no		7/17/2017	10	no	
5/31/2016	132	yes	closed	7/24/2017	512	yes	
6/13/2016	41	yes	closed	7/31/2017	96	yes	
7/5/2016	7215	yes	closed	8/7/2017	52	yes	
7/12/2016	408	no	closed	8/14/2017	0	yes	
7/19/2016	223	yes	closed	8/22/2017	616	no	closed
7/26/2016	342	yes	closed	8/29/2017	0	no	
8/2/2016	177	yes	closed	9/5/2017	0	yes	
8/9/2016	0	yes	closed	9/12/2017	0	no	cut closed
8/16/2016	7701	yes	closed	9/20/2017	269	yes	
8/23/2016	108	yes	closed	9/27/2017	10	no	closed
8/30/2016	0	no	closed	10/11/2017	52	yes	
9/6/2016	10462	yes	closed	11/13/2017	20	no	open
9/12/2016	145	yes	closed	11/27/2017	0	no	open
9/19/2016	24196	yes	closed	12/11/2017	0	yes	open
9/26/2016	63	no	closed	1/16/2018	52	no	open
10/3/2016	109	yes	closed	2/20/2018	0	yes	open

3/12/2018	20	no		7/30/2018	538	no	closed
4/9/2018	31	no	closed	8/6/2018	789	yes	closed
4/23/2018	20	no	closed	8/13/2018	2064	yes	closed
5/14/2018	20	yes	closed	8/20/2018	1439	yes	closed
5/29/2018	41	no		8/28/2018	253	no	closed
6/4/2018	6867	yes		9/4/2018	336	no	closed
6/18/2018	109	no		9/18/2018	2723	yes	closed
6/25/2018	691	yes		10/2/2018	238	no	closed
7/2/2018	216	no		10/16/2018	583	yes	closed
7/9/2018	420	no	closed	3/11/2019	0	yes	closed
7/16/2018	2481	no	closed				
7/23/2018	7270	yes	closed				