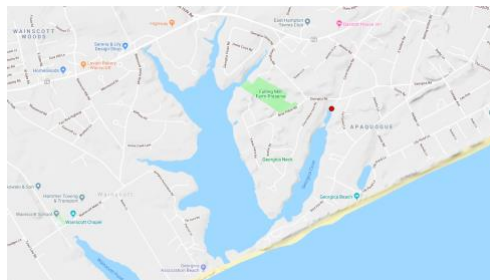




Blue Water Task Force Water Quality Analysis

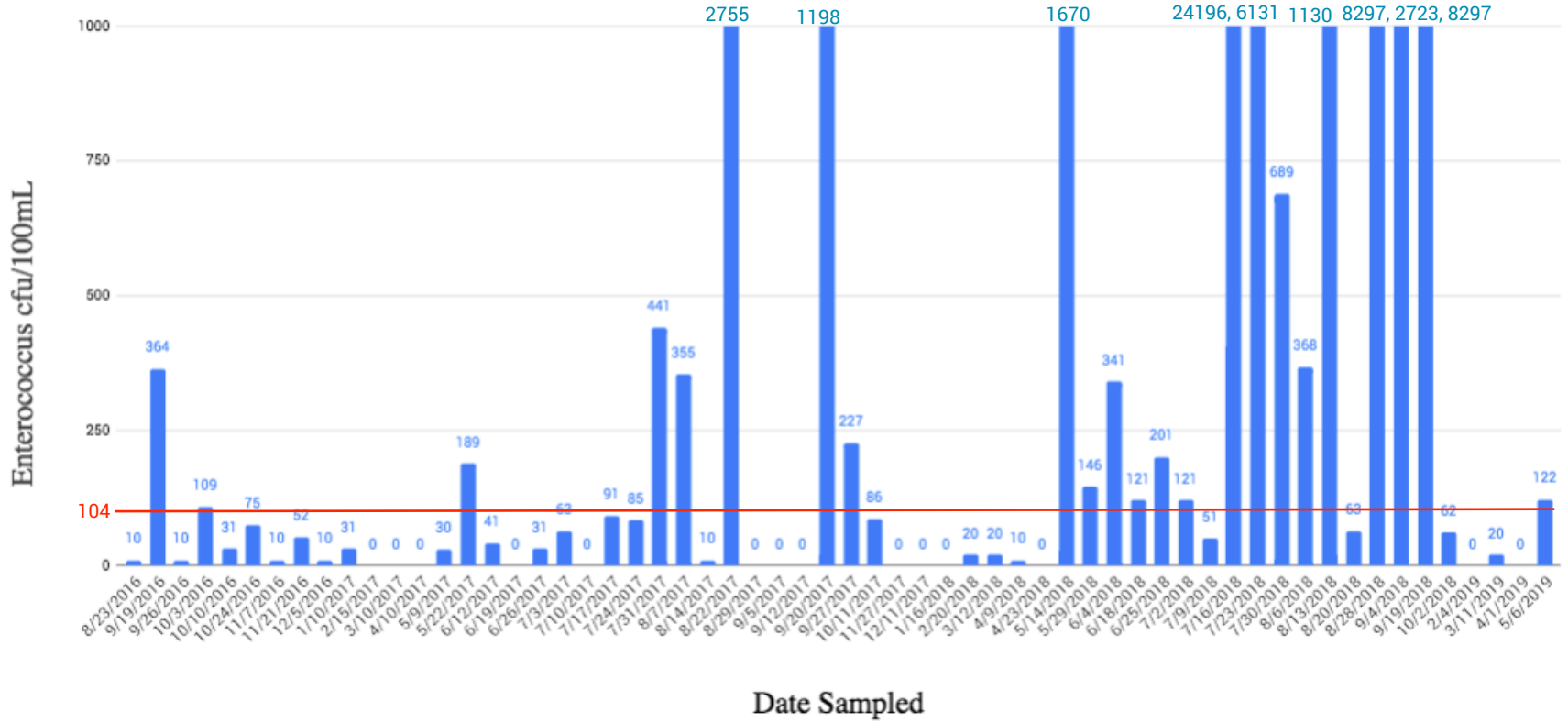
- 50 sites monitored from Hampton Bays to Montauk, year-round.
- Local partners: Concerned Citizens of Montauk, the Peconic Baykeeper & Dr. Chris Gobler's lab at Stony Brook University School of Marine and Atmospheric Sciences.
- Sampling plan designed to fill in gaps of the Suffolk County Department 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 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 is shared online at go.surfrider.org/BWTF, via 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: Cove Hollow Access



# of Samples Collected at Cove Hollow	60
% of Samples that Exceeded EPA Health Standard	38%

Georgica Pond: Cove Hollow Access Water Quality



--: EPA Health Standard For Coastal Recreational Waters

Date Sampled	Cove Hollow	Recent Rain	Cut
8/23/2016	10	yes	closed
9/19/2016	364		
9/26/2016	10	no	closed
10/3/2016	109	yes	closed
10/10/2016	31	yes	open
10/24/2016	75	yes	closed
11/7/2016	10	no	closed
11/21/2016	52	yes	closed
12/5/2016	10	yes	closed
1/10/2017	31	no	
2/15/2017	0	no	closed
3/10/2017	0	no	closed
4/10/2017	0	no	closed
5/9/2017	30	yes	closed
5/22/2017	189	yes	closed
6/12/2017	41	no	
6/19/2017	0		
6/26/2017	31	yes	
7/3/2017	63	yes	
7/10/2017	0	no	closed
7/17/2017	91	no	
7/24/2017	85	yes	
7/31/2017	441	yes	
8/7/2017	355	yes	
8/14/2017	10	yes	
8/22/2017	2755	no	closed
8/29/2017	0	no	
9/5/2017	0	yes	
9/12/2017	0	no	cut closed
9/20/2017	1198	yes	

Date Sampled	Cove Hollow	Recent Rain	Cut
9/27/2017	227	no	closed
10/11/2017	86	yes	
11/27/2017	0	no	open
12/11/2017	0	yes	open
1/16/2018	0	no	open
2/20/2018	20	yes	open
3/12/2018	20	no	
4/9/2018	10	no	closed
4/23/2018	0	no	closed
5/14/2018	1670	yes	closed
5/29/2018	146	no	
6/4/2018	341	yes	
6/18/2018	121	no	
6/25/2018	201	yes	
7/2/2018	121	no	
7/9/2018	51	no	closed
7/16/2018	24196	no	closed
7/23/2018	6131	yes	closed
7/30/2018	689	no	closed
8/6/2018	368	yes	closed
8/13/2018	1130	yes	closed
8/20/2018	63	yes	closed
8/28/2018	8297	no	closed
9/4/2018	2723	no	closed
9/19/2018	8297	yes	closed
10/2/2018	62	no	closed
2/4/2019	0	no	open
3/11/2019	20	yes	closed
4/1/2019	0	yes	open
5/6/2019	122	yes	open

Surfrider Foundation's Blue Water Task Force began sampling at Georgica Pond's Cove Hollow Access point since late Summer of 2016, in hopes of finding a cleaner access point than the one currently most frequently used, the Route 27 Kayak Launch / Rest Area. Since beginning to sample this location, bacteria levels have increased over time, especially after wet weather events. This area is particularly inundated by stormwater runoff due to the storm pipe that drains directly into Georgica Cove at this location.

In order for samples to be collected, Blue Water Task Force methods require at least six inches of standing water. This explains why there may be temporal gaps in the data.

Please review the information presented in the graph and table provided, and should there be any questions, please contact Colleen at chenn@surfrider.org.