

**Santa Barbara County Environmental Health Services  
Ocean Monitoring Program Sampling Results  
Sample Results for the Week of: 7/2/18**

**Open:** Sampling results indicate that water quality meets state health standards.

**Warning:** Sampling results indicate bacterial levels exceed one or more state health standards at this location. Yellow 'WARNING' signs have been posted at the beach. The County Health Officer cautions that contact with ocean water may increase risk of illness. Swimmers are advised to stay out of the water a minimum of 50 yards away from both sides of creek mouths or storm drains.

**Closed:** Water at this location has been contaminated by fecal bacteria or raw sewage and is closed to the public at the order of the County Health Officer. Contact with ocean water may cause illness. Red 'KEEP OUT' signs have been posted at the beach. The County Health Officer advises the public to stay out of the water a minimum of ¼ mile away from both sides of creek mouths or storm drains. The beach will remain closed until re-sampling results indicate ocean water meets state health standards.

**Note: Goleta Beach is closed due to elevated Enterococcus levels.**

Ocean water sampling results are also available on the web <http://cosb.countyofsb.org/phd/ehs/> and on the ocean hotline (681-4949).

Sites	Total Coliform Results (MPN*)	Total Coliform State Health Standard (MPN*)	Fecal Coliform Results (MPN*)	Fecal Coliform State Health Standard (MPN*)	Enterococcus Results (MPN*)	Enterococcus State Health Standard (MPN*)	Beach status
Carpinteria State Beach	132	10,000	31	400	<10.00	104	Open
Summerland Beach	4360	10,000	183	400	332	104	Warning
Hammond's	<10.00	10,000	<10.00	400	<10.00	104	Open
Butterfly Beach	<10.00	10,000	<10.00	400	<10.00	104	Open
East Beach @ Sycamore Creek	<10.00	10,000	<10.00	400	<10.00	104	Open
East Beach @ Mission Creek	31	10,000	10	400	<10.00	104	Open
Leadbetter Beach	231	10,000	231	400	20	104	Open
Arroyo Burro Beach	20	10,000	20	400	<10.00	104	Open
Hope Ranch Beach	10	10,000	10	400	<10.00	104	Open
Goleta Beach	246	10,000	175	400	10	104	Closed
Sands @ Coal Oil Point	<10.00	10,000	<10.00	400	<10.00	104	Open
El Capitan State Beach	<10.00	10,000	<10.00	400	<10.00	104	Open
Refugio State Beach	<10.00	10,000	<10.00	400	<10.00	104	Open
Guadalupe Dunes		10,000		400		104	Open
Jalama Beach		10,000		400		104	Open
Gaviota State Beach	<10.00	10,000	<10.00	400	<10.00	104	Open
Goleta Beach – East Buffer Zone	63	10,000	20	400	41	104	Closed
Goleta Beach – West Buffer Zone	86	10,000	31	400	20	104	Closed

\*MPN = Most Probable Number = bacteria count per 100 ml of water

Arroyo Burro Beach, East Beach at Mission Creek and Leadbetter Beach are now participating in NOWCAST Predictive Modeling! [Click here for more information. https://healthebay.org](https://healthebay.org) or <http://beachreportcard.org>

Note: Re-samples are taken on Wednesdays and shown below the original sample exceedance(s).

**Total coliform:** bacteria commonly found in the environment, such as soil or plants. Generally considered harmless.

**Fecal coliform:** a subgroup of total coliform bacteria. Typically found in great quantities in the intestines and feces of people and animals. The presence of these bacteria indicates that the ocean water is contaminated with feces or sewage. Fecal coliform has the potential to cause disease.

**Enterococcus:** bacteria normally found in the large intestines of humans and other warm-blooded animals. These organisms may not be harmful themselves, but indicate that other potentially harmful organisms may be present. Those include viruses, bacteria, and protozoa that can cause diseases of the skin, eyes, ears, and respiratory tract. The Environmental Protection Agency recommends enterococci as the best indicator of health risk in salt water used for recreation.