

# Garden State Laboratories, Inc.

Bacteriological and Chemical Testing



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Main Lab  
 410 Hillside Avenue  
 Hillside, New Jersey 07205  
 NJDEP Lab Cert. #20044

Mathew Klein, M.S., Founder (1916-1996)  
 Harvey Klein, M.S., Laboratory Director  
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Jersey Shore Lab  
 54 Main Street  
 Waretown, New Jersey 08758  
 NJDEP Lab Cert. #15037

## Report of Bathing Water Analysis

Hopatcong Homestead Beach Assn.  
 P.O. Box 379

Hopatcong  
 ATT: Linda Klusick

NJ 07843

CLIENT #: H2591

REPORT #: 38082001000.11

DATE SAMPLED: 8/20/2018 11:49

Location	Beach		
	Results	Conforms	Analyzed
E. coli	14.2	Yes	8/20/2018 14:23

Site Location:

1 Mariner Rd. (corner of portside)

Hopatcong

NJ 07843

**This sample conforms to State Public Recreational Bathing Standards for the above analyses.**

Comments	Sample analyzed at Main Lab - NJDEP #20044
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COPY SENT TO HEALTH AUTHORITY: SUSSEX CTY

Conforms (Yes/No): Designates whether results conform to State Standards for public recreational bathing water quality.

- pH results in standard units. pH shall be 7.2 to 7.8, ideally 7.4 to 7.6. When pH is reported as 6.8 the pH is 6.8 or below. When pH is reported as 8.2 the pH is 8.2 or above. Method - phenol red test kit.
- Chlorine or bromine results in parts per million, ppm. Free Chlorine shall be 1.0 to 10.0 in swimming pools & 2.0 to 10.0 in whirlpools, hot tubs or spas. Bromine shall be 2.0 to 10.0 in swimming pools & whirlpools, hot tubs or spas. Method - DPD test kit.
- Heterotrophic Plate Count results in organisms per ml. HPC shall not exceed 200 organisms per ml.
- Total coliform in swimming pools, *Pseudomonas aeruginosa* in whirlpools, hot tubs or spas, *E. coli* in beaches, enterococcus in marine waters. Results in organisms per 100 ml. Total coliform and *Pseudomonas aeruginosa* results shall be absent (less than 1 organism) per 100 ml. *E. coli* results shall not exceed 320 organisms per 100 ml. Enterococcus results shall not exceed 104 organisms per 100ml.

Methods: HPC – SM 9215B, *Pseudomonas aeruginosa* - Pseudalert, *E. coli* – USEPA 1603, enterococcus - USEPA 1600, total coliform - Note: *E. coli* method Colilert-04 MPN.

For the latest public recreational bathing water information and a link to the New Jersey State Sanitary Code regarding Public Recreational Bathing, N.J.A.C. 8:26, visit our website at [www.gsllabs.com/pools.html](http://www.gsllabs.com/pools.html).