



Town of Salem, New Hampshire

Community Development Department

Health Division

Summer Beach Testing Results

July, 2009

On July 1, 6, & 14 2009, water samples from association and public beaches in Salem were collected and submitted for microbiological analysis to the New Hampshire Department of Environmental Services Laboratory in Concord.

The 100 milliliter samples were analyzed for Escherichia coli, the indicator organism utilized to determine safe swimming conditions. The State of New Hampshire allows up to **88** colonies of E. coli per sample in Grade B Swimmable Waters. Two samples were collected from each beach in accordance with the NH Department of Environmental Services "Standard Operating Procedure for Bacteria Sampling". The following beach sites were sampled and the results are as follows:

<u>Location:</u>	<u>E. coli Results:</u> (Colonies/100 ml)		
	<u>July 1</u>	<u>July 6</u>	<u>July 14</u>
Hedgehog Pond -----	62, 46		
Shadow Lake -----	56, 32		
* Captain's Pond, Camp Y-Wood-----	180, 120	8, 10	
Camp Otter-----		10	
Camp Hadar-----		10	
* Millville Lake -----	227, 240	16, 28	
Arlington Pond			
Arlington Pond Improvement Assoc. -----	42, 38		
Second Street -----	TNTC **		<2

* These two beaches, Captain's Pond and Millville Lake, exceeded the state guideline for safe swimming. An advisory was posted at these beaches and the water was re-sampled on July 6th. The second samples indicated the bacteria levels were below the level allowed by the New Hampshire Department of Environmental Services for swimmable waters. The swimming advisories were rescinded and notification was issued to the public indicating that the beaches were now suitable for swimming.

** The results for Second Street beach, Too Numerous To Count, were not reported immediately to the Health Department. Results from a second sample on July 14th indicated that the beach is now suitable for swimming.

All of these beaches are now in compliance with the guidelines established by the New Hampshire Department of Environmental Services for swimmable waters. Final testing will be conducted in early August. Any questions, please feel free to contact the Health Officer at 890-2050.

Note: A sample collected at Stillwater Pond off Stillwater Circle was analyzed and determined that Cyanobacteria (blue-green algae) was not present.