



Memo To: All Avalon Homeowners
 From: Avalon Board of Directors
 Re: Pool Closings
 Date: July 12, 2007

Please be advised that the Avalon pool contamination policy is changing to stay more inline with the recommendations from DHEC and the Center for Disease Control.

Previously, every time there has been a pool contamination (stool), our policy was to automatically close the pool for 24 hours. DHEC and the CDC now say that is not necessary.

If there is a solid stool discovered in the pool and it is immediately scooped out, it is only necessary to close the pool for one hour. During that hour, the net used to remove the stool is to remain in the pool to sanitize it. That one hour time period is sufficient to kill E. Coli (bacterium), Hepatitis A (virus), and Giardia (parasite). This only applies to a solid stool that is immediately removed.

In the event that there is diarrhea, the pool will still need to be closed for a minimum of 16 hours to additionally treat for Cryptosporidium (parasite).

These are the standards recommended by DHEC and the CDC. The pool is cleaned daily and all levels are checked at that time for safety.

Germ Inactivation Time for Chlorinated Water* (Solid Stool)

Cryptosporidium Inactivation Time for Diarrheal Accident

Germ	Time
<i>E. coli</i> O157:H7 Bacterium	Less than 1 minute
Hepatitis A Virus	about 16 minutes
<i>Giardia</i> Parasite	about 45 minutes

* 1ppm (1mg/L) chlorine at pH 7.5 and 77°F (25°C)

Chlorine Levels (ppm)	Disinfection Time
1.0	6.7 days
10 (Our Level After Treatment)	16 hours
20	8 hours

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