

APPENDIX D

PROCEDURES FOR DISINFECTION AND MANAGEMENT OF FECAL ACCIDENTS IN POOL AND OTHER RELATED FACILITIES *

In the event of fecal contamination, the following procedures shall be followed:

Formed stool(solid, non-liquid)

- Direct everyone to leave all pools into which water containing the feces is circulated. Do not allow anyone to enter the contaminated pool(s)—if multiple pools use the same filter-- until all decontamination procedures are completed.
- Remove as much of the fecal matter as possible using a net or scoop and dispose of it in a sanitary manner. Clean and disinfect the net or scoop. Vacuuming stool from pool is not recommended.
- Raise the free available chlorine concentration to a minimum of 2 ppm (if less than 2ppm), and ensure the water's pH is between 7.2-7.5 and temperature is about 77°F. Test free chlorine residual at 3 widely spaced locations. Pool closure time will be approximately 30 minutes.
- Ensure that the filtration system is operating while the pool reaches and maintains the proper free available chlorine concentration during the disinfection process.
- Fill out Record of Pool Contamination Incident form found in the Appendix.

Diarrhea(liquid stool)

- Direct everyone to leave the pool(s) into which water containing the feces is circulated. Do not allow anyone to enter the contaminated pool(s)—if multiple pools use the same filter-- until all decontamination procedures are completed.
- Remove as much of the fecal matter as possible using a net or scoop and dispose of it in a sanitary manner. Clean and disinfect the net or scoop. Vacuuming stool from the pool is not recommended.
- Raise the free available chlorine concentration to 20 ppm and ensure the water's pH is between 7.2-7.5 and temperature is about 77°F. This chlorine level and the recommended pH level should be sufficient to inactivate *Cryptosporidium* and should be maintained for at least 12.75 hours.
- Backwash the filter thoroughly and discharge to waste.
- Swimmers may be allowed into the pool after the free available chlorine level and other chemical parameters have been returned to the normal operating range allowed by the Arkansas Pool Parameters found in the Appendix.
- Fill out Record of Pool Contamination Incident form found in the Appendix.

* The information above was obtained from the Centers for Disease Control and Prevention.