



INDIANA UNIVERSITY

OFFICE OF THE EXECUTIVE VICE PRESIDENT
FOR UNIVERSITY ACADEMIC AFFAIRS

Public Safety and Institutional Assurance
University Environmental Health and Safety

Fecal and Vomit Response SOP

Initial Actions:

- Evacuate and close pool immediately
- Secure the pool area and clearly post pool closure signage indicating “Pool Closed”.
- Pool operators will remove contamination utilizing a net or scoop. **Do not use a vacuum.**
- If possible, Pool Management should ask the responsible individual/guardian if they can share information about any possible illness (duration, known cause, etc.). If not determined, this would be considered “unknown” for record keeping purposes.
- Contact the following IUEHS staff via email: gmckeen@iu.edu, wclagett@iu.edu, youngshe@iu.edu, or call IU-EHS at (812) 855-2004.

Disinfection Actions:

Vomit or Solid Stool:

- Net or Scoop shall be disinfected with a solution of 20 ppm chlorine.
- If no stabilizer, such as cyanuric acid (CYA), is present; maintain 2 ppm free disinfectant, a pH of 7.5 or less and a water temperature of 77°F or higher for at least 25 minutes.
- If stabilizer is present; maintain 4 ppm free disinfectant, a pH of 7.5 or less and a water temperature of 77°F or higher for at least 25 minutes.
- Pool Operators shall record and document free disinfectant and pH levels throughout the disinfection process. Provide records and documentation to IUEHS–Public Health. All reports, records, and photographs will be added to the facility records.

Non-Solid Stool:

- Net or Scoop shall be disinfected with a solution of 20 ppm chlorine.

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- If no stabilizer is present; maintain a minimum of 20 ppm disinfectant, a pH of 7.5 or less and a water temperature of 77°F or higher for 12 hours and 45 minutes or as calculated through CT inactivation.
- If stabilizer is present, lower CYA below 15 ppm as recommended by the CDC. Maintain 40 ppm free disinfectant with a pH of 6.5 and a water temperature of 77°F or higher for 30 hours or as calculated through CT inactivation.
- Spas should not be drained for diarrheal incidents. Responders should follow the above disinfection parameters. A high risk of *Cryptosporidium* recontamination exists within the system unless 40 ppm free disinfection is maintained.
- Backwash filters and replenish filter materials as necessary
- IUEHS will respond as necessary to provide assistance.

Final Actions:

- The Pool Operators will complete a Swimming Pool Contamination Incident form with assistance from the Pool Management.
- The original Swimming Pool Contamination Incident form must be maintained with the facility records for a minimum of **one** year. A copy will be provided to IU-EHS: gmckeen@iu.edu, wclagett@iu.edu, and youngshe@iu.edu.
- Vomit or Solid Fecal Incident: Pool Operators are responsible for re-opening pool.
- Diarrheal Incident: Pool Operators and IUEHS-Public Health will perform a joint re-opening inspection as needed. If IU-EHS is not available for re-opening, email pictures of Cl and pH levels along with the incident form.