

Environmental health checklist when responding to reports of *Pseudomonas* Dermatitis (Hot Tub Rash)

Records review & discussions for management

1. Visit the establishment and review the pool and spa logs for the last month to see if they have been running appropriately. Provide copy of logs to Epi.
2. Have there been any complaints from patrons?
3. Provide information on the symptoms, transmission, and prevention of *Pseudomonas* to management: <https://www.health.state.mn.us/diseases/pseudomonis/index.html>
4. Have there been any maintenance issues (broken pump, spa closed, etc.)? If so, what issues and when? Or any staffing issues where the CPO hasn't been available?
5. Ask management how often they clean, scrub, and refill the spa.

Observations and spa check

6. Check the chemicals in the spa and see if they are at appropriate levels.
7. Check the walls and skimmers of the spa for any biofilm or slime build-up.
8. If you notice slime/biofilm buildup in the skimmers/spa walls or spa logs or chemicals appear off the establishment should plan for a remediation step.
 - i. Drain the spa then scrub and clean walls, skimmers, etc.
 - ii. Backwash sand filters.
 - iii. Refill the spa and then hyperchlorinate.
 1. Maintain chlorine at 20ppm for a total of 10 hours.
 2. During the 10 hours, leave the jets off for the first hour and then run the jets for the remaining 9 hours.
 3. Let the spa levels come down naturally (no dechlor) to acceptable levels before reopening.