



Water Industry Operators Association of Australia

Submission of Abstract

Platform or Poster: Platform Paper

Title of Abstract: Low-cost *Cryptosporidium* Pool Screen test to identify high risk swimming pools

Abstract:

In the summer of 2024, cryptosporidiosis outbreaks were linked to swimming pools in QLD, VIC, and NSW. However, community cases are under-reported. In Sydney Water's own wastewater monitoring results, there was a 100-fold increase in oocyst loads from winter 2023 to summer 2024.

The high cost of commercial lab *Cryptosporidium* testing makes it economically challenging for routine swimming pool monitoring. Therefore, we are developing a newer, cheaper test for screening swimming pools.

Name of Principal Author: Seak Lin Ly

Organisation: Sydney Water