



**NATIONAL INSTITUTE FOR
OCCUPATIONAL HEALTH**

Division of the National Health Laboratory Service

**CPD
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DAY 1

Waterborne Pathogens & the World of Work

Workshop Convenors: Dr. Nony Gomba and Ms. Larissa Singh

24 March 2026: Foundation and risk assessment

Time	Topic	Speaker/Facilitator
08:45-09:00	Introduction & Welcome Remarks	Ms Edith Ratshikhopha, NIOH
09:00-09:30	Waterborne pathogens in the world of work: setting the scene	Dr. Nony Gomba, NIOH
09:30-10:10	Waterborne diseases in a changing climate: implications for exposure and risks in the workplace	Rand Water/WRC, (TBC)
10:10-10:30	Q&A/ Discussion	Mr A Ryklief, NIOH
10:30 - 10:50 Tea		
10:50 -11:30	Water quality monitoring in healthcare facilities: A South African experience	Mr Jay Moodley, EcoSafe
11:30 -12:10	Legionella in the City: Unveiling Legionella pneumophila in Hillbrow's High-Rise Water Systems	Prof Atheesha Singh, UJ
12:10 -12:30	Q&A/ Discussion	Mr A Ryklief, NIOH
13:00 - 14:00 Lunch		
13:30 - 14:10	Legionella risk assessment of taps, showers, and storage tanks	Ms Wendy Hiscock, Abby Laboratories
14:10 -14:50	Legionella risk assessment of other building water systems	Ms Wendy Hiscock, Abby Laboratories
14:50 - 15:10	Q&A/ Discussion	Mr A Ryklief, NIOH
15:10-15:35	Building water individual risk assessment exercise briefing (template, expectations etc.)	Ms Larissa Singh, NIOH (Interactive 1)
15:35	Day 1 synthesis & instructions for Day 2	Mr Ashraf Ryklief, NIOH



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DECONTAMINATION
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**DAY
2&3**

Waterborne Pathogens & the World of Work

Day 2: 25 March 2026- Applied risk assessment day

Participants work independently to complete a take-home risk assessment activity, applying concepts from Day 1 to their own workplace or building context. The exercise outcomes will be discussed during Day 3 feedback session.

Day 3: 26 March 2026: Surveillance, guidelines, and application

Time	Topic	Speaker/Facilitator
09:00-09:40	Welcome & recap	Dr N Gomba, NIOH
09:00-09:30	Environmental surveillance of Legionella: A critical path to managing the invisible threats.	Prof. Sandra Cristino, University of Bologna, Italy
09:40-10:20	Guidelines for the development of water safety plans for buildings	Ms Ayesha Laher, AHL Water
10:20-10:40	Q&A/ Discussion	Mr A Ryklief, NIOH
10:40 - 11:00 Tea		
11:00-11:40	From sample to safety: Making sense of water quality testing for better decisions	Ms L Singh, NIOH (Interactive 2)
11:40-12:40	Bridging science, policy, and practice for safer workplace water systems: A Panel Discussion	Panellists: Prof Atheesha Singh, Ms Ayesha Laher, Mr. Jay Moodley, Prof Sandra Christino (Interactive 3)
12:40-13:00	Q&A/ Discussion	Mr A Ryklief, NIOH
13:00 - 14:00 Lunch		
14:00-15:00	Group risk assessment feedback presentations	Four selected attendees (Interactive 4)
15:00-15:15	Course evaluation, key take-home messages, and MCQ assessment instructions	Ms L Singh/Dr. N Gomba, NIOH
15:15	Vote of thanks	Mr Ashraf Ryklief, NIOH