



EXCELLENCE THROUGH WATER

NAEGLERIA FOWLERI

IS NAEGLERIA CAUSING YOU A COMPLIANCE CHALLENGE?

Naegleria is a free-living amoeba which occurs naturally in soil and aquatic habitats. The specific species *Naegleria fowleri* can cause an infection known as primary amoebic meningitis which is usually fatal. The infection pathway is via the nasal cavity which may occur after water enters the nasal cavity.

Naegleria is an opportunistic pathogen which is able to live and grow within water distribution systems under the right conditions. *Naegleria* is often present within water systems and grows well in warm water conditions where biofilm or other nutrient sources may be present.

Naegleria is recognised as a significant risk in water supplies by the Department of Health which requires management by those with responsibility for water supplies as *Naegleria* represents a significant risk to human health.

Ecosafe are well equipped with resources and significant experience to assist with the management of risks associated with *Naegleria*.

Ecosafe propose the following scope of works to assist you with management of your *Naegleria* challenges:

1. Site visit including assistance with on-site disinfection and Completion of simple gap analysis to highlight potential gaps in water quality management.
2. Development of *Naegleria* Management Plan including:
 - A. Key strategies to assist with *Naegleria* management/plan for chlorine residual management.
 - B. Site specific disinfection procedure.
3. Assistance with scoping of solutions to provide long term improvements in *Naegleria* management (e.g. permanent chlorinators), with assistance provided regarding implementation of solutions as agreed.



Naegleria fowleri