

SUPPLEMENTARY SUBMISSION

My name is Robert Henry Molony.

I have previously made a submission to the enquiry in which I described an incident relating to the Havelock Nth water supply in the 1970s.

For approximately forty five years I have worked with the food and beverage industry as a Chief Chemist/Technologist and finally as a Technical consultant trading as MOLAB Ltd.

I have worked for a number of years in third world countries, much of this time as Chief Chemist for franchised Coca-Cola bottling operations.

In the food and beverage industries the safety and quality of water used in processing operations is crucial.

I have been responsible over the years for setting up, designing, and operating a number of in house water treatment systems in food and beverage plants, both in NZ and overseas.

I have a number of personal comments to make relating to the Havelock Nth incident.

The Havelock Nth water has for many years been drawn from an aquifer or aquifers that are not completely confined and are hence potentially susceptible to contamination from local surface water.

In situations such as this harmful contamination tends to be sporadic and incidental in nature. Unless this water is appropriately treated its consumption is akin to a lottery.

Havelock North just recently won a prize in that lottery.

Based on my personal knowledge and experience the most practical and reliable method of ensuring safety of the Havelock Nth water supply would be filtration and chlorination at every well head, A residual free chlorine should be present throughout the network. A failure to do this on a permanent basis would place Havelock North at risk of winning another lottery prize.

A handwritten signature in black ink, appearing to read 'R.H. Molony', written in a cursive style.

R.H.Molony MNZIFST. RSCAC