Water Quality

An often heard statement is “Our water meets all standards and requirements as it leaves the Treatment plant”. While that is probably true, a lot can and does happen downstream of the ‘conforming’ Treatment plant. Water travels in pipework systems that are many years old, is stored in tanks that are poorly sealed and maintained, and is often ‘aged’ and past its quality parameters before it arrives to the consumer.

A better understanding of what occurs along the way and how the system can be upgraded and improved is a basic requirement for any ‘food grade’ product.

Disinfection levels are often compromised by contaminants found within the distribution and storage systems.

1. Deliberate contamination caused by vandalism activities when security is poor
2. Natural contamination from vermin entry or bird faecal build-up around unsecured or unsealed fixtures such as hatches, ventilation and roof fittings
3. Structural contamination from unsuitable construction materials causing corrosion or poor water movement within the storage