The Australian Drinking Water Guidelines 1996 recognise that occasionally throughout the year there may be health or aesthetic related test results above the Guidelines values, and that these results are not necessarily an immediate threat to health. As such, the Guidelines do not require a 100 per cent result in all cases. Disturbances and operational changes can result in occasional localised elevated levels of aesthetic water quality characteristics such as pH. Each test result above the guideline value for E. Coli is investigated and actions taken where necessary to minimise the risk of a recurrence. On rare occasions, dosing equipment problems can result in lowered levels of fluoride.