



ASPLEY RESERVOIR OUTLET - May 2017

| Parameter | Unit of measure | Monthly water quality data | | | | Monthly performance | | | |
|---|---------------------------|----------------------------|---------|---------|---------|---------------------------|---------------------------------|------------------------|------------------------------|
| | | Number of samples | Minimum | Average | Maximum | Aesthetic guideline value | Number of aesthetic exceedences | Health guideline value | Number of health exceedences |
| Health Parameters (note that copper and manganese have both health and aesthetic guideline values) | | | | | | | | | |
| E.coli | orgs/100mL | 5 | <1 | <1 | <1 | Not applicable | | 0 in 100ml | 0 |
| Fluoride | mg/L | 5 | 0.7 | 0.7 | 0.8 | Not applicable | | 1.5 mg/L | 0 |
| TTHMS | mg/L | 1 | 0.056 | 0.056 | 0.056 | Not applicable | | 0.25 mg/L | 0 |
| Lead | mg/L | 1 | <0.001 | <0.001 | <0.001 | Not applicable | | 0.01 mg/L | 0 |
| Copper | mg/L | 1 | <0.001 | <0.001 | <0.001 | 1 mg/L | 0 | 2 mg/L | 0 |
| Manganese | mg/L | 5 | 0.002 | 0.003 | 0.005 | 0.1 mg/L | 0 | 0.5 mg/L | 0 |
| Aesthetic Parameters | | | | | | | | | |
| Hardness | mg/L as CaCO ₃ | 1 | 91 | 91 | 91 | 200 mg/L | 0 | Not applicable | |
| pH | | 5 | 7.4 | 7.6 | 7.8 | 6.5 - 8.5 | 0 | Not applicable | |
| Turbidity | NTU | 5 | 0.2 | 0.2 | 0.3 | 5 NTU | 0 | Not applicable | |
| Total dissolved solids | mg/L | 1 | 190 | 190 | 190 | 600 mg/L | 0 | Not applicable | |
| True Colour | HU | 5 | <1 | <1 | 1 | 15 HU | 0 | Not applicable | |
| Alkalinity | mg/L as CaCO ₃ | 1 | 76 | 76 | 76 | Not applicable | | | |
| Aluminium | mg/L | 1 | 0.034 | 0.034 | 0.034 | 0.2 mg/L | 0 | Not applicable | |
| Iron | mg/L | 5 | <0.01 | <0.01 | <0.01 | 0.3 mg/L | 0 | Not applicable | |

Reported values preceded by a < symbol indicate a result that is a non-detectable, as it is less than the limit of detection. The measurement of "orgs/100mL" summarises tests performed with the CFU and MPN measurements.

Information regarding exceedences for the month

No exceedences reported for this period.