



## SPARKES HILL NO.2 RESERVOIR INLET/OUTLET - April 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
<b>Health Parameters (note that copper and manganese have both health and aesthetic guideline values)</b>									
E.coli	orgs/100mL	4	<1	<1	<1	Not applicable		0 in 100ml	0
Fluoride	mg/L	4	0.7	0.7	0.8	Not applicable		1.5 mg/L	0
TTHMS	mg/L	1	0.081	0.081	0.081	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	4	<0.001	0.006	0.015	0.1 mg/L	0	0.5 mg/L	0
<b>Aesthetic Parameters</b>									
Hardness	mg/L as CaCO <sub>3</sub>	1	130	130	130	200 mg/L	0	Not applicable	
pH		4	7.5	7.6	7.7	6.5 - 8.5	0	Not applicable	
Turbidity	NTU	4	0.2	0.3	0.4	5 NTU	0	Not applicable	
Total dissolved solids	mg/L	1	280	280	280	600 mg/L	0	Not applicable	
True Colour	HU	4	<1	1	2	15 HU	0	Not applicable	
Alkalinity	mg/L as CaCO <sub>3</sub>	1	110	110	110	Not applicable			
Aluminium	mg/L	1	0.031	0.031	0.031	0.2 mg/L	0	Not applicable	
Iron	mg/L	4	<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.