

Bristol Water Company Test Results

Test Conditions

The UV system was initially set up within a sample reception area in which there is a regular movement of personal. After 1 week the system was moved to a small biology laboratory in which there was little disturbance of air and in which only 2 analysts worked.

The system was left switched on and off alternatively for 24 hours at a time.

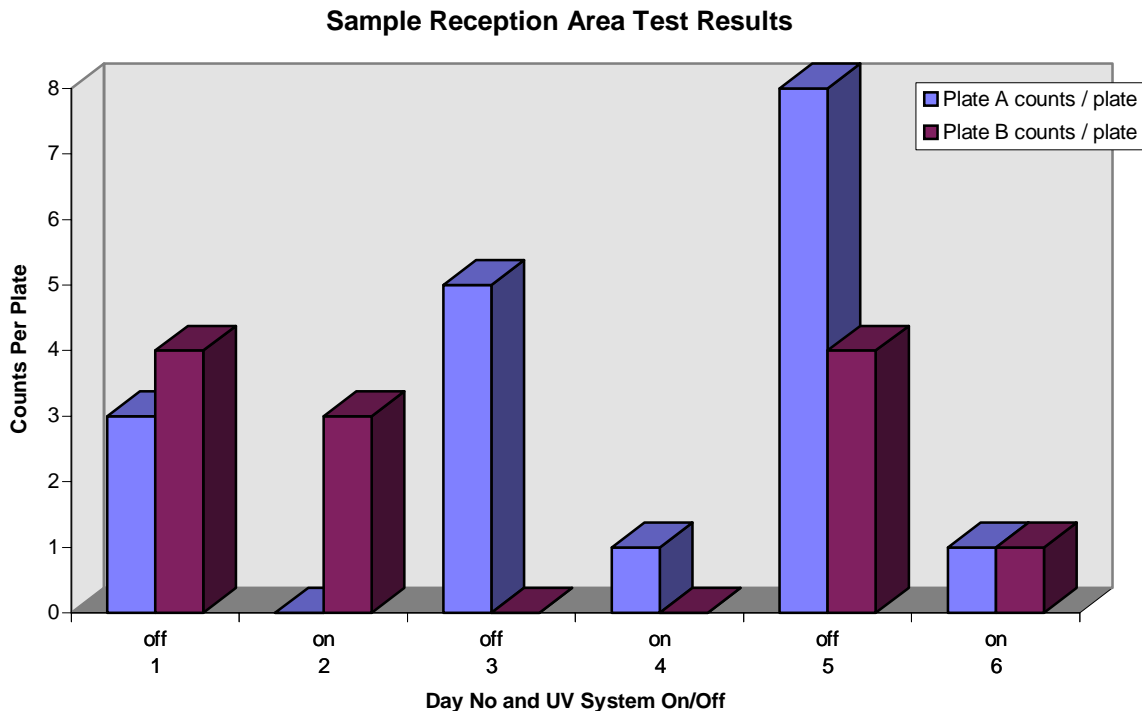
There were occasional variations to this arrangement.

Two open, freshly-poured 90mm Yeast Extract Agar environment plates were placed daily, one within 30cm of the base of the system (A) and the other about 1 metre from the system (B), for 15 minutes.

These environment plates were then incubated for 72 hours at 22°C after which time all colonies growing on the plates were counted.

RESULTS - Sample Reception Area

Day No	UV SYSTEM Off / On	Plate A counts / plate	Plate B counts / plate
1	off	3	4
2	on	0	3
3	off	5	0
4	on	1	0
5	off	8	4
6	on	1	1



RESULTS - Biology Laboratory

Day No	UV SYSTEM Off / On	Plate A counts / plate	Plate B counts / plate
1	off	3	1
2	on	1	0
3	off	3	3
4	on	0	0

