

## Compass School Review Report 23<sup>rd</sup> July 2018

This Legionella review survey was carried out on the 23<sup>rd</sup> July 2018; there was seen to be a water systems logbook in place for the school's water systems; the logbook is filed within the school reception office area. The logbook was seen to be in a good order; the responsible persons and deputy for the school have been nominated in writing but should be updated to the correct personnel. The logbook does not appear to have been audited since May 2014; I would recommend that the logbook be audited at least on an annual basis. The monitoring records were seen to be up to date as of July 2018. I was informed that weekly flushing of infrequently used outlets is being carried out by the site manager; no records were seen for this in the logbook at the time of this review; I would recommend all outlets weekly flushed should be recorded in the logbook. The showerheads are being cleaned and descaled on a quarterly basis; this was seen recorded as last being carried out in July 2018. The 2014 risk assessment for the school was seen filed in section nine of the logbook.

There has been some remedial works carried out since the last review; most of the deadleg pipe work highlighted has been removed but there was some still seen in place at the time of this review; I would again recommend the remaining deadleg pipe work be removed.

Hot water within the school is supplied by Zip Aqua 111 local water heaters which have 15 litre capacities; water heaters with no greater than 15 litre capacities should operate at 50.0°C – 60.0°C; random water heaters checked at the time of this 2018 review were found to be satisfactory. The local water heaters are fitted with timers; I was informed the timers come on approximately at 06.00am given ample time to heat the stored water prior to use.

There are also two hot water calorifiers in key stage2 and key stage 4 which only serve the food technology areas. Both hot water calorifiers are OSO type which have factory fitted insulation beneath the outer casing; both calorifiers have a return system which both are fitted with a single circulating / return pump. Both hot water calorifier flow and return temperatures are being monitored on a monthly basis and records indicate these are normally satisfactory. Both hot water calorifier storage and hot water temperatures taken at the time of this 2018 review were both satisfactory.

There was still seen to be some deadleg pipe work within the school these were noticed in the following areas:

- The bye-pass on the mains water service in the basement plant room acts as deadleg pipe work and should be opened and flushed through at least weekly; record when carried out.
- KS2 First floor accessible toilet there is deadleg pipe work on the wall; behind the waste pipe work; I would again recommend removal.
- KS2 First floor staff ladies' toilet there are two capped off dead legs on the wall; I would again recommend removal.
- The ground floor reception area store room has water outlets which are not being used thus creates deadleg areas; I was informed these are flushed weekly; record when carried out.

TMV (Blender Valves) are fitted within the school; these should be serviced and maintained to the manufacturer's recommendations; no records were seen at the time of this 2018 review to indicate this is being carried out.

It should be ensured that all water outlets within the school building all get regular use and if not should continue to be flushed weekly and recorded when carried out.

Continue to clean and descale the showerheads at least on a quarterly basis or at the rate of fouling or other risk factors.

Ensure all tap outlets should be kept clean and free from scale build up to maintain a good flow of water through the systems.

		<b>Remedial / Recommendations</b>	<b>Priority</b>
<b>Oasis Compass School</b>		Ensure the correct personnel are recorded for the duty holder and deputies in section two of the logbook documentation.	<b>5</b>
		Remove deadleg pipe work.	
		Continue to flush infrequently used outlets at least on a weekly basis; record this in the logbook when carried out.	<b>3</b>
		Clean and descale tap outlets on a regular basis.	<b>3</b>
		Open mains water bye-pass in the basement plant room weekly to flush through deadleg pipe work.	<b>3</b>
		Purge both hot water calorifiers to drain at least on an annual basis and record when carried out.	<b>3</b>
		Clean all inline strainers on a regular basis or as recommended by the manufacturers as ideal areas for bacteria proliferation.	<b>3</b>
		Continue to clean and descale showerheads at least on a quarterly basis or at the rate of fouling or other risk factors.	<b>3</b>
		Maintain and service the TMVs (Blender Valves) as per manufacturer's recommendations; record when carried out.	<b>3</b>
		Start auditing the logbook at least on an annual basis.	<b>3</b>

1 = Insignificant risk.

2 = Controlled risk.

3 = Risk is controlled, but deteriorating conditions could increase risk.

4 = Potential hazards identified, but uncertain about risk.

5 = Risk Uncontrolled.