

Moorlands Primary School Review Report 20th November 2018

This Legionella review survey was carried out on the 20th November 2018; there was seen to be a water systems logbook in place for the school's water systems; the logbook is filed in the reception area of the school. The responsible person and deputy have been nominated in writing within section 2 of the logbook documentation; the logbook does not appear to have been audited since October 2012; I would again recommend the logbook be audited at least on an annual basis. The monitoring records were seen to be up to date as of November 2018; weekly flushing is being carried out by the assistant site manager or site manager on the infrequently used outlets and shower; this is being recorded within the weekly compliance checks folder located in the school's reception area.

The original risk assessment for the school and the risk assessment for Oak building carried out in 2015 were still not seen filed within the logbook documentation; I would again recommend these be located.

The shower is located in the staff ladies toilet area; there were no records seen at the time of this 2018 review to indicate the contractor carrying out the monthly Legionella control for the school is inspecting, cleaning and descaling the showerhead at least on a quarterly basis; this should be recorded in the logbook when carried out.

TMVs are fitted within the school buildings; no records were seen at the time of this 2018 review to indicate that they are being serviced and maintained; I would recommend this is carried out as recommended by the manufacturers.

Hot water within the main boiler room serving the main Acorn building is by two Hamworthy type calorifiers; these are both linked in parallel and are supplied directly from the mains water service via pressure reducers. The hot water system is fitted with a common return; this has a single return pump fitted serving both calorifiers. It would appear that both calorifiers are on timers which come on at 07.00am; at the time of this 2018 review both hot water calorifiers and return temperatures were found to be satisfactory; records seen within the logbook documentation indicated that both calorifier storage and return temperatures are normally satisfactory.

At the time of this 2018 review the hot water storage and return temperatures were:

No.1 Calorifier Flow 61.0°C This is Satisfactory.

No.1 Calorifier Return 54.0°C This is Satisfactory.

No.2 Calorifier Flow 61.0°C This is Satisfactory.

No.2 Calorifier Return 54.0°C This is Satisfactory.

Hot water should be stored at 60.0°C and the return should be maintained at 50.0°C or more at all times.

Hot water in the Oak building is provided by Sadia type local water heaters each with a 10-litre capacity; water heaters checked at the time of this 2018 review were all found to have good storage temperatures; the nursery building toilet two water heaters were found to have slightly low storage temperatures; these should be raised to operate at 50.0 - 60.0°C.

The school buildings have TMVs (blender valves) fitted; these should be serviced and maintained to the manufacturer's recommendations.

It should be ensured that all infrequently used outlets be put on a weekly flushing regime. Flushing of water outlets should be carried out during long school holidays and shut down periods.

There are water butts in place at the school; it should be ensured all water butts have a cleaning regime in place and water turnover is good to prevent stagnant water forming within them; maintain in a good clean condition as these are ideal areas for bacteria proliferation especially in the summer months. Where possible do not use this water in vessels which can create aerosols.

Ensure all taps are cleaned and descaled on a regular basis to help maintain a good flow of water through the outlets and system.

		Remedial / Recommendations	Priority
Moorlands Primary School		Locate the original risk assessment for the school and Oak building 2015 risk assessment and file in the logbook documentation.	5
		Ensure all local water heaters with no greater than 15 litre capacity operate at 50.0 - 60.0°C	5
		Start inspecting, cleaning and descaling the showerhead at least on a quarterly basis or at the rate of fouling and record in the logbook when carried out.	5
		Continue to flush all infrequently used outlets weekly and record when carried out. Continue during shut down periods and school holidays.	3
		Clean inline strainers where fitted as part of a routine maintenance schedule.	3
		Maintain and service TMVs (blender valves) as recommended by the manufacturers.	3
		Audit logbook at least on an annual basis.	3

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.