

## **Shirley Warren Primary School Review Report 5<sup>th</sup> January 2015**

This Legionella review survey was carried out on the 5<sup>th</sup> January 2015; there was seen to be a water systems logbook in place for the schools water systems; this is now filed in the school reception area. The logbook was seen to be in a fair order; the responsible persons and deputies names for this school have now been nominated in writing within section 2 of the logbook documentation. The logbook was seen to have been last audited in January 2014; I would recommend this is carried out at least on an annual basis. The monitoring records were seen to be up to date as of December 2014; no flushing records were seen at the time of this review in the logbook documentation.

The school now has the use of the old Chestnut House building; there has been some refurbishment work carried out in this section of the school during the school holiday period. There is a local water heater installed in a cupboard space adjacent to the toilet area on the ground floor; this water heater serves the toilet area wash basin and shower. There was seen to be some deadleg pipe work on the hot and cold water pipe work next to the water heater; I would recommend this be removed. The deadleg pipe work highlighted in the previous review in the nursery toilet area has now been removed.

At the time of this review the main kitchen, parent suite staff toilet combination boiler did not achieve 50.0c at the outlets; I would recommend these are adjusted to achieve this.

There is a new shower installed in the ground floor toilet in the old Chestnut House area; it should be ensured this has regular use or is flushed at least on a weekly basis. The showerhead should be cleaned and descaled at least on a quarterly basis; this was recorded being carried out last in September 2014.

Hot water within Shirley Warren Primary School is by local water heaters and combination boilers sited in various areas around the school; some water heaters are located behind panelling and therefore could not be seen. Temperature monitoring indicates that hot water temperatures are normally satisfactory.

It is recommended in the ACoP L8 and HSG 274 part 2 that water heaters with no greater than 15 litres capacity should operate at 50° - 60°c

There was seen to be deadleg pipe work within Shirley Warren Primary School this was noticed in the following area:

- The hot and cold water pipe work to and from the local water heater in the new ground floor chestnut house area has deadleg pipe work; I would recommend removal. See drawing No.12.

Many outlets within the school are fitted with TMVs (blender valves) these should be serviced and maintained to manufacturer's recommendations.

There are many water outlets within this school it should be ensured that they all get regular use; all infrequently used outlets should be put on a weekly flushing regime. Flushing of water outlets should be carried out during long school holidays and shut down periods.

Pipe work within the school appears to be copper; the main long pipe run in the ceiling void appears to be insulated but much of the pipe work is hidden from view. I would recommend that all pipe work be insulated to prevent heat gain/loss.

		<b>Remedial / Recommendations</b>	<b>Priority</b>
<b>Shirley Warren Primary School</b>		Remove deadleg pipe work	<b>5</b>
		Ensure water heaters with greater than 15 litres capacity store hot water at 60.0c.	<b>5</b>
		Ensure main kitchen heater and parent suite staff toilet combination boiler are adjusted to achieve 50.0c at the outlets.	<b>5</b>
		Continue to carry out monthly temperature monitoring and record in logbook.	<b>3</b>
		Ensure shower is used on a regular basis and shower head is cleaned and descaled at least on a quarterly basis.	<b>3</b>
		Flush all infrequently used outlets weekly and record when carried out. Continue during shut down periods and school holidays.	<b>3</b>
		Maintain and service TMVs (blender valves) as per manufacturer's recommendations.	<b>3</b>
		Audit logbooks 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.