Redbridge Primary School
Review Report 10th February 2017

This Legionella review survey was carried out on the 10th February 2017; there was seen to be a water systems logbook in place for the school's water systems; this is filed within the main reception office area. The responsible person and deputy's names for this school were seen nominated and recorded in writing within section 2 of the logbook documentation. The logbook was seen to have been audited last in February 2016; I would recommend this is continued at least on an annual basis; the monitoring records were seen to be up to date as of January 2017.

The original risk assessment carried out in 2011 was still not seen filed within the logbook documentation; I would again recommend this be located.

Flushing of the accessible toilet shower is being carried out on a weekly basis by the site manager; this is being recorded in the site manager's folder when carried out; the site manager is also cleaning the showerhead on a quarterly basis this is also recorded in the folder when carried out.

The monitoring records for the school are being scanned by the site manager and then sent through to Southampton City Council / Capita on a regular basis; it should be ensured that all record sheets are returned to the water systems logbook after they have been scanned to keep all records in a central location.

Hot water storage within Redbridge Primary School is by one Hamworthy hot water calorifier located within the plant room. The calorifier is gas fired; insulation is factory fitted located beneath the outer metal casing. The hot water calorifier has a return system; this is fitted with a single circulating / return pump located at the side of the hot water calorifier; the calorifier also has a de-stratification pump fitted; this appeared to be working at the time of this 2017 review.

At the time of this 2017 review the hot water calorifier storage temperature and return temperatures were found to be good; records seen at the time of the review indicate these are normally satisfactory. The distribution and return pipe work within the plant room was seen to be well insulated.

At the time of this 2017 review the hot water storage and return temperatures were:

Calorifier Flow	**60.0ºC This is Satisfactory.**
Calorifier Return	**55.0ºC This is Satisfactory.**

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

There are many outlets within the school that have TMVs (Blender Valves) fitted; these are being serviced and maintained to manufacturer's recommendations. Records seen at the time of this 2017 review indicate that this is being carried out on a six-monthly basis; this was last carried out in August 2016.

There are inline strainers fitted on supplies to TMV tap outlets; these strainers should be cleaned on a regular basis as these are ideal areas for bacteria proliferation; no records were seen at the time of this 2017 review to indicate these are being cleaned; I would again recommend this be part of the service and maintenance regime.

Weekly flushing of infrequently used water outlets is being carried out; this should continue; this should also be carried out during long school holidays and shut down periods.

The shower within the disabled toilet is being flushed on a weekly basis; it should be ensured this is continued; continue to record within the site manager's folder when carried out.

There are water butts being used for storing water for gardening purposes; it was recommended to inspect the water butts on a regular basis to determine if any debris or a build-up of sediment has occurred; no records were seen to indicate this is being carried out. Clean and disinfect water butts if inspection proves this necessary as these are ideal areas for bacteria proliferation.

		Remedial / Recommendations	Priority
Redbridge Primary School		Locate original 2011 risk assessment and file a copy in the logbook documentation.	**5**
		Continue to clean and disinfect showerhead on a quarterly basis or as required; continue to flush shower at least on a weekly basis and record when carried out.	**3**
		Continue to carry out monthly temperature monitoring of the domestic water systems and record in logbook.	**3**
		Flush any infrequently used outlets weekly and record when carried out. Continue during shut down periods and school holidays.	**3**
		Continue to maintain and service TMVs (Blender Valves) as per manufacturer's recommendations; this should also include TMV taps and inline strainer cleaning.	**3**
		Prevent scale build up on tap outlets by cleaning on a regular basis.	**3**
		Inspect water butts on a regular basis for any debris or sediment build up. Clean and disinfect water butts if inspection proves this necessary.	**3**
		Continue to audit logbook at least on an annual basis; consider archiving old log sheets which are filed in the logbook documentation.	**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.