Sure Start Little Berries
Review Report 8th June 2017

This Legionella review survey was carried out on the 8th June 2017 there was seen to be a water systems logbook for the buildings water systems; this is filed within the main office area. The logbook has been supplied by contractors Solwat who carry out the monthly monitoring within this sure start building; the logbook was seen to be in a good order. The responsible persons and deputies' names for this sure start building have still not been nominated and recorded within the logbook documentation; this was recommended to be carried out in the previous review; the original risk assessment carried by contractors Solwat in 2014 was seen filed within section 12 of the logbook documentation.

The logbook still has no records of being audited; the monitoring records were seen to be up to date as of May 2017. Sentinel outlets are being monitored on a monthly basis from the outlet but the hot water temperatures to the TMVs is still not being recorded as recommended in the previous review. TMVs fitted within the sure start building are being serviced and maintained by contractors Solwat on an annual basis; this was recorded as last being carried out in April 2017.

The rising main for this sure start building was seen to rise within the boiler room area; this mains water serves all cold-water outlets and also serves the hot water calorifier via a pressure reducer; pipe work was seen to be well insulated where seen in the sure start building; some pipe work runs at height and is enclosed behind panelling.

Hot water storage within the sure start building is by one vertical type calorifier located within the boiler room; the calorifier has a capacity of 200 litres. The calorifier is heated by the LTHW system boiler adjacent to it and also has a single electric element located at the base of the vessel; insulation is factory fitted located beneath the outer metal casing. The calorifier is fitted with a return system; this has a single return / circulating pump fitted; this appeared to be working correctly at the time of this 2017 review. The calorifier is supplied directly from the mains water service via a pressure reducer; distribution pipe work within the boiler room was seen to be well insulated.

Records seen at the time of this review indicate that the return temperature has been below the recommended 50.0°C all year; this should have been reported to Southampton City Council on a fault sheet. Temperatures taken at the time of this 2017 review found the calorifier to have a good storage and return temperature.

There is still a TMV fitted close to the calorifier outlet; now the calorifier has a good storage temperature I was able to determine that the TMV has been set to allow hot water to pass through it thus preventing long pipe runs with reduced water temperature. I would again recommend that the hot water to the sentinel TMVs be monitored to ensure the hot water is above 50.0°C at the TMV.

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

Calorifier Flow **61.0°C This is Satisfactory.**

Calorifier Return **54.0°C This is Satisfactory.**

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

All TMVs should continue to be serviced and maintained to manufacturer's recommendations and recorded when carried out.

Infrequently used outlets should be flushed at least on a weekly basis and recorded when carried out.

Clean and descale all tap outlets on a regular basis to help maintain a good flow of water through the systems.

		Remedial / Recommendations	Priority
Sure Start Little Berries		Calorifier return temperature has been recorded as below 50.0°C since the beginning of the year although the temperature was good at the time of this review. Investigate return pump for correct operation ensure low temperatures are reported to Southampton City Council by contractors carrying out the monitoring.	**5**
		The duty holder, responsible person and deputies for the sure start building should be nominated and recorded in writing along with contact details within the logbook documentation.	**5**
		Record hot water temperatures to sentinel TMVs to ensure the hot water is maintaining 50.0°C or more to the TMV.	**5**
		Repair WC in the disabled toilet to remove deadleg pipe work where the toilet is no longer being used.	**5**
		Flush any infrequently used outlets weekly and record when carried out.	**3**
		Clean and descale all tap outlets on a regular basis to maintain a good flow of water through systems and prevent aerosol creation.	**3**
		Continue to maintain and service all TMVs and TMV taps as recommended by the manufacturers.	**3**
		Audit logbook at least on an annual basis and record when carried out.	**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.