Sure Start Townhill Park
Review Report 9th June 2017

This Legionella review survey was carried out on the 9th June 2017; there was seen to be a water systems logbook in place for the buildings water systems and was seen filed in the reception office area. The logbook was seen to be in a good order; the responsible persons and deputy's names were not seen nominated and recorded within section 2 of the logbook documentation; I would recommend this is completed. The risk assessment for this centre carried out in 2015 was seen filed within section 9 of the logbook documentation; the logbook was seen to have been last audited in April 2016; the monitoring records were seen to be up to date as of May 2017. No flushing records were seen recorded within the logbook documentation at the time of this review.

TMVs fitted within the sure start centre are being serviced and adjusted this was seen recorded in the logbook documentation and was last carried out in June 2016.

The deadleg pipe work highlighted in the risk assessment is still in place although a small length of pipe work has been removed from one of the gauges fitted on the calorifier flow pipe work. The deadleg pipe work highlighted in the risk assessment can only be removed where reasonably practicable.

The cold-water outlet in the cleaner's room has been isolated creating deadleg pipe work on the cold-water supply; staff do not know why this outlet has been isolated and should therefore be investigated and opened to remove the deadleg pipe work.

Hot water storage within the sure start centre is by a single gas fired A.O.Smith type Cyclone calorifier; the calorifier has a capacity of 217 litres and is supplied directly from the mains water service via pressure reducers. The calorifier has factory fitted insulation located beneath the outer metal casing; the calorifier has a return system this is fitted with a single return pump; this appeared to be working satisfactory at the time of this 2017 review.

The calorifier has an inspection door fitted; I would recommend internal inspection be carried out at least on an annual basis. The calorifier has a drain fitted at the base of the vessel; it is recommended in the ACoP L8 that calorifiers be purged to drain at least on an annual basis; record in the logbook when this is carried out. At the time of this review the calorifier storage temperature was found to be slightly low; the return temperature was satisfactory.

The records seen within the logbook documentation at the time of this 2017 review indicate that the calorifier flow and return temperatures are normally satisfactory.

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

Calorifier Flow	**58.0°C This is Not Satisfactory.**
Calorifier Return	**54.0°C This is Satisfactory.**

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

There were still seen to be some deadleg areas within Sure Start building these were noticed in the following areas:

- The cold-water outlet in the cleaner's room has been isolated thus creating deadleg pipe work on the cold-water supply; recommend this is investigated to determine why this outlet has been isolated.

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 Townhill Park		Investigate cold water outlet in cleaner's room as to why it has been isolated creating deadleg pipe work.	**5**
		Duty holder, responsible person and deputy's should be nominated and recorded in section 2 of the logbook documentation.	**5**
		Ensure hot water calorifier maintains 60.0°C or more storage temperature.	**5**
		Flush all infrequently used outlets weekly and record when carried out. Continue during shut down periods and holiday periods.	**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**
		Inline strainer fitted on the rising main within the boiler room should be cleaned on a regular basis as part of a maintenance schedule.	**3**
		Continue to maintain and service TMVs as per manufacturer's recommendations.	**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.