

Holcroft House Care Home Review Report 29th August 2017

This Legionella review survey was carried out on the 29th August 2017; there was seen to be a water systems logbook in place for the care homes water systems; this was located within the main office area. The logbook still has a large amount of old record sheets filed within it dating back to 2012; I would again recommend that all old record sheets be removed and archived to allow better access to logbook. The responsible persons and deputy's names for Holcroft House have been nominated in writing within section 2 of the logbook documentation. The logbook was seen to have been audited last in June 2016; 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 August 2017.

The original risk assessment for this care home was not seen filed within the logbook documentation; I would recommend this be located.

There has been some remedial and refurbishment carried out since the 2015 review; some deadleg pipe work was removed in 2016; and the old shower room has had the shower and wash basin removed. Where the shower and wash basin have been removed the live supply pipe work has been left in place; this has created deadleg pipe work and should be removed.

Flushing is being carried out within the care home by site staff and recorded within a separate logbook filed within the main office area; this was seen to be up to date up to the 17th August 2017. Flushing within health care premises I would recommend be carried out at least on a twice weekly basis.

The showers within Holcroft House are being cleaned and descaled at least on a quarterly basis; records indicate this was last carried out in July 2017 and was seen recorded within the logbook documentation.

Records indicate that all TMVs within Holcroft House are being serviced and adjusted on a six-monthly basis; this was seen to have last been carried out in May 2017 and was recorded within the logbook documentation.

Hot water storage within Holcroft House is by two A.O. Smith Cyclone type calorifiers located within the boiler room; both calorifiers are gas fired and each has a capacity of 368 litres. Both hot water calorifiers are linked in parallel and have a single return pump fitted; insulation on both calorifiers is factory fitted located beneath the outer metal casings. Both hot water calorifiers are supplied directly from the mains water service via pressure reducers; both calorifiers are fitted with drain valves I would recommend both calorifiers are purged to drain at least on an annual basis. Distribution and return pipe work within the boiler room was seen to be well insulated.

At the time of this 2017 review both hot water calorifiers had good storage and return temperatures; records seen within the logbook documentation indicate they are normally satisfactory.

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

No.1 Calorifier Flow 62.0°C This is Satisfactory.

No.1 Calorifier Return 52.0°C This is Satisfactory.

No.2 Calorifier Flow 60.0°C This is Satisfactory.

No.2 Calorifier Return 52.0°C This is Satisfactory.

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

The laundry hot water calorifier is located within the roof void; the calorifier is an Ariston type electrically heated with two immersion heaters located at the base and middle of the unit; the calorifier has factory fitted insulation located beneath the outer metal casing; there is a single return pump fitted to this system. At the time of this 2017 review the storage temperature was found to be slightly low; records seen within the logbook documentation indicate they are normally satisfactory.

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

Calorifier Flow	56.0°C This is Not Satisfactory.
Calorifier Return	54.0°C This is Satisfactory.

The calorifier is supplied from the cold-water storage break tank via a single booster pump. The storage tank is of plastic construction and is fitted with a poly fibre jacket; internal inspection of the tank proved there to be a build-up of sediment on the base of the tank; I would recommend that this storage tank be cleaned and disinfected and continued annually if required. The temperature of the water storage tank was 17.4°C this is satisfactory.

There were seen to be some deadleg pipe work within Holcroft House these were noticed in the following areas:

- There is deadleg pipe work in the main kitchen area where the potato peeler has been removed; recommend removal. See drawing No.4
- There is deadleg pipe work in the old shower room where the wash basin and shower have been removed; recommend removal. See drawing No.7.

Many areas within the care home are fitted with TMVs these should continue to be serviced and maintained to manufacturer's recommendations. Records indicate that this is being carried out on a six-monthly basis and was last carried out in May 2017.

There are many water outlets within the care home; it should be ensured that they all get regular use and if not should be put on a twice weekly flushing regime; especially the shower room areas.

Continue to clean and descale all showerheads at least on a quarterly basis.

Inline strainers / filters fitted should be cleaned / changed on a regular basis as these are ideal areas for bacteria proliferation.

Ensure all tap outlets remain clean and free from scale build up to maintain a good flow of water through the systems.

		Remedial / Recommendations	Priority
Holcroft House Care Home		Locate original risk assessment and file within the logbook documentation	5
		Remove deadleg pipe work.	5
		Flush all infrequently used outlets at least on a twice weekly basis; record when carried out.	3
		Continue to clean and descale all showerheads on a quarterly basis or at the rate of fouling; flush showers if not used at least on a twice weekly basis and record when carried out.	3
		Purge all hot water calorifiers at least on an annual basis; record when carried out.	3
		Clean and disinfect cold water break tank in roof void and continue annually if required; carry out internal inspection at least on an annual basis.	3
		Ensure all tap outlets are kept clean and free of scale build up to maintain a good flow of water through systems and prevent aerosol creation.	3
		Change inline strainers / filters on a regular basis as ideal area for bacteria proliferation.	3
		Continue with current regime to service and adjust all TMVs on a six-monthly basis.	3
		Audit logbook at least on an annual basis.	3
		Archive old record sheets in water systems logbook to enable better access into logbook.	1

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.