

**MELBOURN PARISH COUNCIL**

**Maintenance Committee Meeting 19 January 2022**

**Item: MA139 21a) Pavilion ASHP**

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The ASHP was installed at the pavilion in approximately 2013 when the pavilion underwent a major refurb.

In January 2019 Shelford Heating came out to inspect the system as we had received reports that the pavilion heating was not effective. Shelford Heating identified a number of issues including:

- One of the pumps not working
- Poor pipework in the roof
- Uncertainty with regard to water heating as there is a NIBE buffer water heater AND an immersion heater. (We have since learned that a GSHP system will not heat water above 47 degrees which is why there is a buffer heater.)

Shelford Heating carried out remedial works including replacing pipework in the roof to clear airlocks, flushing through and replacing faulty valves.

The cost of the works was £2,626.52 + VAT.

Shelford Heating carried out further works at the end of 2021 following our legionella inspection at a further cost of £793.44 + VAT.