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WATER MANAGEMENT SYSTEM**ABSTRACT**

A system is disclosed for monitoring the use of water supplied by a pipe to a device that discharges water during use. A meter generates information
5 indicating that water is flowing through the pipe with a measured BTU content and a control receives the information and determines that either the water is flowing through the pipe or that water has stopped
10 flowing through the pipe. An event counter counts events defined by the flow of water through the pipe followed by the stoppage of water flow in the pipe for at least a predetermined duration of time, and a volume counter counts volumetric flow (gallons of
15 flow, for example) and energy content (therms of energy, for example). Where the meter can be interfered with by attaching a magnet to the meter a tamper signal is also generated. With this data, misoperation of the devices can be indicated.

Figure 1

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