

## **LOCK HOUSE – DC/25/0037**

### **WATER NEUTRALITY CHECK METER USE**

**In accordance with Horsham District Council’s guidance “Water neutrality and planning applications” updated 16 January 2025 which states:**

“Baseline Calculations

It is critical that the statement clearly establishes what the baseline water consumption rate is for the existing or most recent use. Where historic water bills for the site are not available, alternative data using the Building Regulations Part G or BREAM water calculators should be used, along with appropriate occupancy rates and consumption data for any industrial processes being undertaken at the site. The data should be presented in litres per person per day. Further information is set out separately below. It is critical that existing baseline consumption is fully evidenced to give certainty of the actual mains water being used at a site. Metered water bills are the best way to achieve this certainty .....

For residential schemes, we will expect to see water consumption calculations for any existing use of the site, and the proposed use. These must be set out in litres per person per day (l/p/d). Where an existing residential dwelling is to be demolished/replaced, copies of recent metered water bills within the last three years is the best evidence of existing consumption. Where water bills are not available, a survey of all existing fixtures and fittings that evidences their current water consumption rate should be provided within a Building Regulations Part G water calculator or equivalent. The calculator should be supported with photographs of the fixtures and fittings, and an explanation of the methodology used to calculate the flow rates etc. The resultant per person water consumption figure should then be multiplied by the current number of occupants or, if the dwelling is vacant, the average occupancy rate for that size of dwelling”

The water neutrality statement has been prepared in accordance with this guidance because the water supply to Lock House is not metered.

However, a check water meter was installed on 23 January 2025 and photos have been taken to record actual consumption:

Date	Opening reading (m3)	Closing reading (m3)	Use - Litres	Use Litres/day	Photo of meter
23 January 2025	-	0	0		
30 January 2025	0	19.5771	19,577	2,796.71	
6 February 2025	19.5771	38.3524	18,775	2,682.14	
13 February 2025	38.3524	55.7163	17.3639	2,480.56	

Baseline water use per the survey in the water neutrality statement is 2,275.61 litres per day. Actual water consumption for the last 2 weeks exceeds this level. Check readings will continue to be provided for the planning application.