East Lodge and annexe – as built part G water efficiency calculation - 1.7.24

Following completion of the one bedroom annexe to East Lodge main house I now attach the as built Part G water efficiency calculator for each property in order to confirm compliance with the requirements of the approved planning application DC/22/0891, conditions 3 and 4.

The main house and annexe have had flow restrictors installed to the existing appliances, wc cisterns have been adjusted/toilet bank bags fitted, (as required), and bath overflow adjusted, to achieve the required flow rates and capacities. These adjustments have been noted in the attached as built calculators.

Doc 01, (as built calculator for main house), total water consumption = 93.6 l/p/d.

Doc 02 (as built calculator for annexe), total water consumption = 92.8 l/p/d.

Original average daily water consumption for East Lodge House, (**baseline calculation**): 135 x 2.86 = 386.1 litres (noted in water neutrality statement submitted as part of original application.

Confirmed as built calculation:

Average daily usage for the updated four bedroom house, (ie with installed flow regulators and storage restriction) is 93.6 x 2.86 = 267.7 litres.

Average daily usage for the as built one bedroom annexe, (removing 5l for hose point, as only one external tap is located on main house), is (92.8 -5) x 1.32 = 115.9 litres.

Total as built average daily water usage by the property:

267.7 + 115.9 = **383.6 litres**.

As 383.6 (as built usage, house and annexe) < 386.1 (original water usage by the property), water neutrality for the new development has been achieved to comply with conditions 3 and 4.