

## SUNTAT Appendix 5

### Water monitoring framework - (A) Recording

Adapted from Spenceley, A., Relly, P., Keyser, H., Warmeant, P., McKenzie, M., Mataboge, A., Norton, P., Mahlangu, S., and Seif, J. (2002) Responsible Tourism Manual for South Africa, Department for Environmental Affairs

NOTE: Amounts here are presented in Rands currency - adapt the currency as relevant to the country in which the enterprise is situated, or utilise \$, £ or Euros where international comparisons are required.

#### KEY

	Recorded water information (from water bills, meters, or flow rates)
	Enterprise information (no. beds, occupancies, no. taps etc)
	Benchmarks (calculated figures)

### WATER RECORDING

Example 1: Water bills for the enterprise						Select which benchmarks you want to use for your enterprise - which is easy for you to understand					
Date	Location	Water cost (From bill)	Monthly consumption (from bill) in kilolitres	Monthly no. bed nights for enterprise	Monthly occupancy recorded	Monthly consumption per bed	Monthly water cost per bed	Monthly consumption per bednight available	Monthly water cost per bed night available	Consumption per occupied bednight	Monthly cost per occupied bednight
		A	B	C	D	Benchmark 1	Benchmark 2	Benchmark 3	Benchmark 4	Benchmark 5	Benchmark 6
						<i>Assuming: R5.40 cost per kilolitre - number may vary, but will be denoted on bills</i>					
1-Dec-00	Honey Badger Lodge	R 1,360.80	252	= 24 beds x 31 days = 744	82%	= B / 24 beds = 252 / 24 = 10.5 kilolitres	= A / 24 beds = R1360.80 / 24 = R56.70	= B / C = 252 / 744 = 336 litres	= A / C = R1360.80 / 744 = R1.83	= B / (C x D) = 252 / (744 x 82%) = 413 litres	= A / (C x D) = R1360.80 / (744 x 82%) = R2.23
1-Jan-01	Honey Badger Lodge	R 1,350.00	250	672	80%	10.4	R 56.25	372.0	R 2.01	465.0	R 2.51
1-Feb-01	Honey Badger Lodge	R 1,323.00	245	744	75%	10.2	R 55.13	329.3	R 1.78	439.1	R 2.37
1-Mar-01	Honey Badger Lodge	R 1,301.40	241	720	73%	10.0	R 54.23	334.7	R 1.81	458.5	R 2.48
1-Apr-01	Honey Badger Lodge	R 1,269.00	235	744	70%	9.8	R 52.88	315.9	R 1.71	451.2	R 2.44
1-May-01	Honey Badger Lodge	R 1,242.00	230	720	65%	9.6	R 51.75	319.4	R 1.73	491.5	R 2.65
1-Jun-01	Honey Badger Lodge	R 1,279.80	237	744	62%	9.9	R 53.33	318.5	R 1.72	513.8	R 2.77
1-Jul-01	Honey Badger Lodge	R 1,312.20	243	744	64%	10.1	R 54.68	326.6	R 1.76	510.3	R 2.76
1-Aug-01	Honey Badger Lodge	R 1,317.60	244	720	70%	10.2	R 54.90	338.9	R 1.83	484.1	R 2.61
1-Sep-01	Honey Badger Lodge	R 1,339.20	248	744	71%	10.3	R 55.80	333.3	R 1.80	469.5	R 2.54
1-Oct-01	Honey Badger Lodge	R 1,350.00	250	720	76%	10.4	R 56.25	347.2	R 1.88	456.9	R 2.47
1-Nov-01	Honey Badger Lodge	R 1,377.00	255	744	80%	10.6	R 57.38	342.7	R 1.85	428.4	R 2.31
1-Dec-01	Honey Badger Lodge	R 1,377.00	255	744	82%	10.6	R 57.38	342.7	R 1.85	418.0	R 2.26

\* Remember to take care when using litres and kilolitres. 1 kilolitre = 1000 litres

\*\* If you have more than one point of billing, complete this table for each one or to simplify, summarise all readings to one table