

Monitoring – The key to managing your water

Why save water?

There are four main reasons why you should conserve water:

- To conserve natural water resources
- To make cost savings
- To reduce water pollution
- To ensure that your operation does not deprive the local community of essential supplies

How to save water:

- **Know how much you use and monitor your use.**
South West Water have a range of tools to help. Visit: southwestwater.co.uk
You can even receive certification from them when you've introduced a range of water saving measures.
- **Relate this to the number of visitors that you have.**
Work out water use per visitor/bed night by dividing your water consumption over the monitoring period by the number of visitors/occupied bed nights in the same period.
- **Compare it to the industry standards – see below**

Daily visitor use targets set by *Envirowise*

• Touring sites	81.5	litres/visitor/day
• Static caravans	85.7	litres/visitor/day
• Mixed static / touring	100.7	litres/visitor/day
• Chalet sites	129.5	litres/visitor/day
• Hotels - unclassified	135.6	litres/visitor/day
• Guest houses	156.3	litres/visitor/day
• Apartments / 1* /2* hotels	201.5	litres/visitor/day
• 3* / 4* /5* hotels	322.3	litres/visitor/day

How much water is lost due to leaking taps?

- One drip per second wastes 4 litres per day
- Drips breaking into a stream wastes 90 litres per day - enough to half fill a swimming pool in a year
- 1.5mm (1/16") stream wastes 320 litres per day – fills a swimming pool in 8 months
- 3mm (1/8") stream wastes 985 litres per day – fills a swimming pool in 80 days
- 6mm (1/4") stream wastes 3,500 litres per day – fills a swimming pool in 21 days!!

Water Efficiency Checklist

	Yes	No
Monitoring Consumption		
Is there someone in your business with specific responsibility for monitoring water use		
Do you know where your water meters are		
Do you read your water meters regularly		
Do you have sub meters which measure consumption in specific areas or by specific processes		
Do you ever check to see whether water is being used when your business is not working		
Leak Detection		
Do you regularly check for leaks from overflows, pipes, joints & connections		
Washrooms		
Are all your taps drip free		
Do you have any self closing taps		
Do you have any spray taps		
Do your urinals only flush when the premises are in use		
Do you have any low volume cisterns (less than 7.5 litres)		
Do you have any displacement devices in older cisterns (hippos and hogs)		
Do you only have standard non power showers		
Do you have low volume shower heads		
Kitchen		
Are your appliances new low water use ECO models		
Process water from woks, steamers & peelers – have you adjusted the flow to use less water		
Process water from woks, steamers & peelers – do you recycle the water		
Grounds		
Are your hose pipes fitted with trigger nozzles		
Do you keep grass watering to a minimum		
Do you have drought tolerant plants and shrubs		
Do you collect and use rainwater for watering plants and shrubs		
Outside cleaning and vehicle washing		
Do you recycle wash water		
Frost protection		
Are all water pipes and tanks properly insulated against frost		
Training		
Do staff receive training on the importance of saving water		
Future		
Are you aware of grey water recycling		
Are you aware of rainwater collection and use		