

↑ making a difference

CASE STUDY

Water – a precious commodity

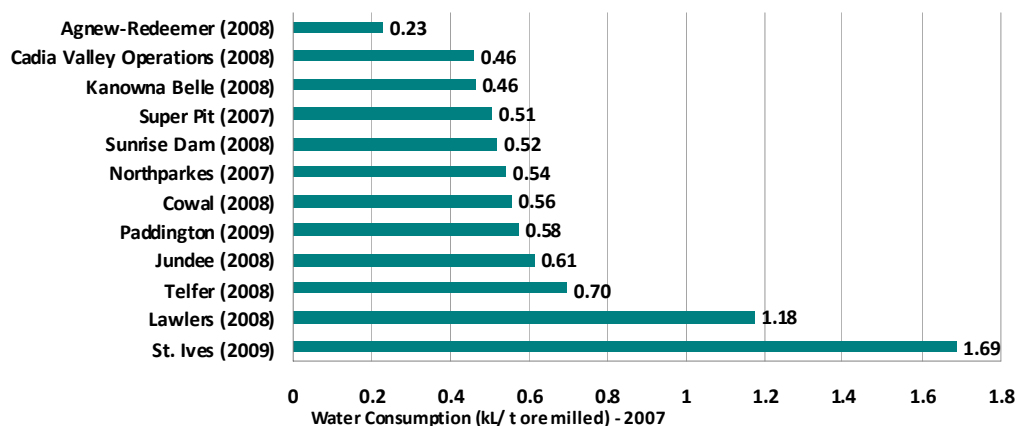
Water is increasingly recognised as a precious resource and a critical part of the “license to operate”.

Finding ways to control and reduce water consumption has become an important priority at many mines, particularly those in arid and remote areas.

At RMDSTEM we have benchmarked water consumption for a group of Australian gold mines and found significant variation.

How does your water consumption compare with your peers?

Benchmark Water Consumption – Australian Gold Mines



OLYMPIC DAM CASE STUDY

At BHP Billiton’s Olympic Dam operations in South Australia, we were engaged to identify, trouble-shoot and project manage a wide range of water savings initiatives.

Our methodology is based on the internationally recognised Six Sigma business management strategy: define, measure, analyse, improve and control.

RESULT

Our engineers established water balances in the three major plant areas, which consume 97% of the site’s industrial water. Using this information we initiated a range of water savings projects.

Total water savings achieved to date are equivalent to:

10% saving

Many of these initiatives required little or no capital expenditure.

of industrial water

consumption



The difference is results