

## DCM Process Control: Continuous online trade waste monitoring from a deep sewer environment 27 m below ground level, a 2012 case study presented by Tara Okan

Extracting samples from a gravity sewer environment has always been difficult with applications becoming more difficult as sewer depth increases. This paper will cover new technology that has allowed sampling from even very deep sewers.

Responding to a request from Australia, DCM Process Control developed a new and unique sewer sample extraction method to continuously monitor trade waste in a sewer 27 m below ground.. The unit had to work in raw unscreened sewage without blocking, be able to work in a class one environment, and reliably pump a sample 27 vertical metres to a self-contained scan UV-Vis monitoring station with any maintenance done without entering the manhole.

This paper will present the outcome of this development work including the data obtained during the test period