

Water Treatment



“OTEK’s engineers and scientists provide innovative solutions to all water treatment challenges.”

Who is OTEK?

OTEK is a leading environmental, engineering and remediation consultancy established in 1991.

Our services encompass all aspects of the environmental, water treatment and remediation consulting sectors.

OTEK's strategically located offices ensure our ability to provide efficient and responsive services to clients located across Australia and the Asia Pacific.



How we do it

OTEK works to develop and enhance water treatment technologies to best meet our client requirements.

OTEK is experienced in proven technologies and creative in developing new solutions, whilst ensuring cost effectiveness and simplicity in design and serviceability.

We are focused on providing timely and high quality products and services in accordance with our Quality Management System and Certification to ISO 9001.



Our expert capabilities

OTEK has extensive experience in the design, installation, operation and maintenance of water treatment infrastructure in the industrial, commercial, petroleum, mining, waste management and government sectors.

Examples of OTEK's experience include reliable solutions for industrial liquid waste treatment and source management; landfill liquid waste management; treatment of groundwater affected by acid sulfate soils and contamination; remote location potable water supply; stormwater treatment and water sensitive urban design; water reclamation systems for vehicle wash facilities and package sewage treatment plants.





Increasing water demand and recent water shortages have and will continue to result in more stringent water related regulatory policies and industry charges based upon environmental and sustainability principles.

Investing in water treatment consulting and infrastructure enables industry to manage expenditure related to water use, recycling and liquid waste.

In order to upgrade or establish cost effective water treatment infrastructure, it is essential to adequately characterise effluent quality, loadings and water usage related costs; along with understanding regulatory authority requirements.

The review of such data enables the optimisation of water treatment and the application of technologies which are the most cost efficient and sustainable; with due consideration to upstream, point of generation and downstream.

Efficient operation and maintenance of water treatment infrastructure ensure investments in such assets have acceptable pay-back periods for the associated capital expenditure.

OTEK's engineers and scientists apply practical experience and thorough project management to provide holistic innovative solutions to water treatment challenges.

The multi-disciplinary team and network of industry alliances at OTEK offers competitive advantages over other service providers as we are able to provide efficient turn-key solutions.

OTEK has extensive experience in the design, fabrication, installation and operation of water treatment equipment. Project experience includes treating a diverse range of effluent sources including the industrial, mining, construction and development, government, commercial, contaminated lands and waste management sectors.

Water treatment infrastructure can be designed as permanent units or mobile units for relocating from site to site. A number of mobile water treatment units, which address metals, petroleum, solids and other contaminants, are currently available for short-term and long-term hire.

OTEK would be pleased to discuss your water treatment challenges and expenses in order to provide some advice upon how best to implement cost savings.

Issue 1	Date 15 July 2011
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For more information about OTEK's capabilities and services, please contact your local OTEK office or visit our website at www.otek.com.au.

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