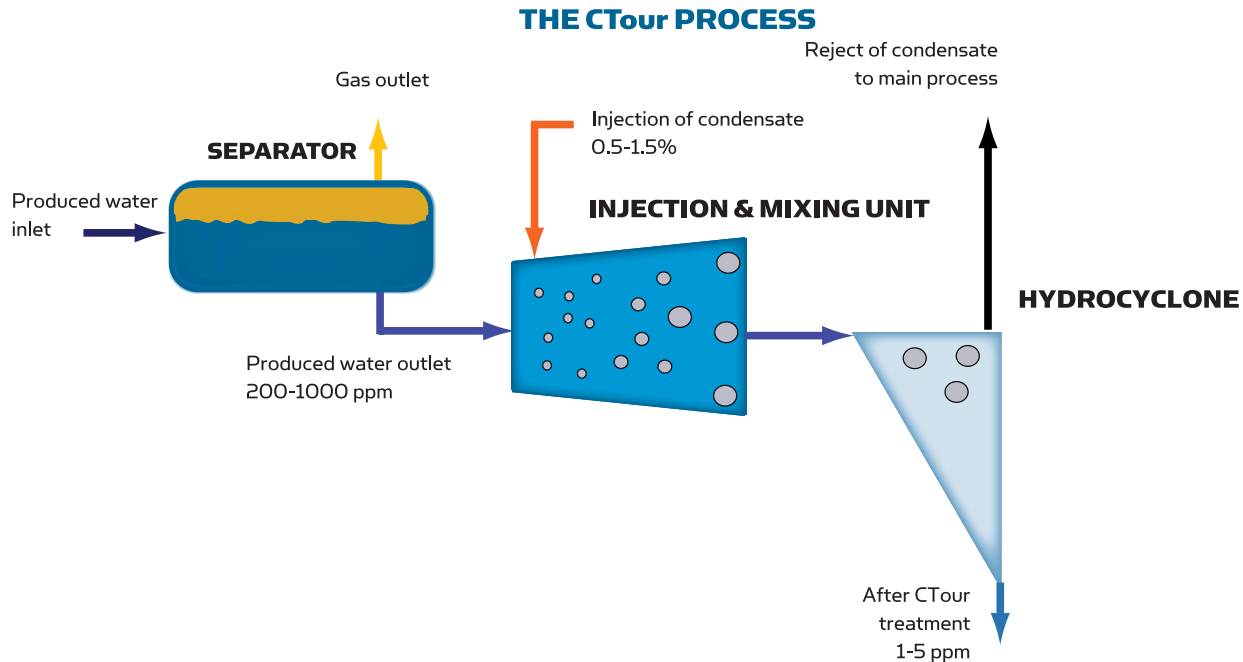


## Tighter Environmental Legislation for Produced Water Meets its Match in COST-EFFECTIVE CTour PROCESS



As existing reserves are depleted and new reserves are brought online, the total volume of produced water continues to grow, necessitating new approaches to reducing the overall amount of oil discharge to the environment. A new technology called the CTour process is one of the only technologies in the world that can cost-effectively remove both dispersed and dissolved hydrocarbons from large volumes of produced water.

In order to meet tighter and tighter environmental legislation and address operational concerns worldwide, the CTour process has been successfully developed, tested, and installed on offshore platforms.

When operated under optimum conditions, the CTour process routinely yields residual oil discharges of <3 ppm and at the same time removes 90-95% of dangerous dissolved PAH components.

The CTour process is currently commissioned for full-scale installation on five different platforms in the North

Sea, to be in operation by 2007. They will treat approximately 1.8 million BWPD, which represents two-thirds of the projected produced water discharges in the Norwegian sector.

The CTour process breaks ground as a step change in the treatment approach for produced waters and has served as a vehicle in facilitating "Zero Harmful Discharges" legislation in the North Sea. It is expected to influence future discharge legislation in other countries as well. It is being considered the new "best available technology" for treating produced waters.

### REFERENCES

Available upon request.

### FOR MORE INFORMATION

Contact your nearest ProSep Inc., office.

[www.prosepinc.com](http://www.prosepinc.com)

*This article was originally published in Oil, Gas & Petrochem Equipment, April 2006. The proprietary process was also featured in Offshore Magazine, April 2006 and International Oil and Gas Engineer, February 2007.*