



Press Release

AquaPurge® successfully trialled on ConocoPhillips Judy Platform

The AquaPurge® environmental system for reducing oil in water discharged from offshore production installations has recently completed development prior to full commercialisation.

The AquaPurge® oil reduction system developed by Aberdeen Company, Clean Water Systems Limited (CWSL,) successfully completed trials at the end of August on the ConocoPhillips Judy platform proving to be capable of reducing oil content in water by as much as 60%. The trials are the culmination of 4 years of development which have seen the process developed from conceptual stage through to a fully functional offshore unit capable of being operated in a Hazardous Zone 2 area.

During the recent trials the AquaPurge® system was successfully inspected by two representatives of the DTI, during which time the process was used to treat produced water. Commenting on the completion of the development of the process, Dr Andrew Sneddon of CWSL said "The success of the offshore trials means that our company now have a product ready to take into the market just at a time when it is most needed. This is an important development for the industry and we are very excited by the success of AquaPurge."



The system uses a combination of ozone and ultraviolet to oxidise oil and organic contaminants in a process called advanced oxidation. The advanced oxidation process (AOP) is equally effective in reducing dissolved as well as dispersed hydrocarbon content in water and has come at a time when the oil industry is facing tighter environmental standards through an OSPAR decision that will come into effect in January 2006. Significantly the system offered a very compact solution, easily installed on existing facilities where space is critical.

The development of the AquaPurge® system has been funded through two Industry Technology Facilitator (ITF) Joint Industry Projects by a number of major oil companies which include BP, Chevron, ConocoPhillips, Kerr McGee, Marathon, Shell, Talisman, Total. In addition the development of the process has received funding from DTI, Scottish Enterprise and the Scottish Executive and has led to three patents being filed by CWSL.

Should you require further detail or information, please contact us as per the details given below.

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