

Clean Water Systems Limited is a company that was set up to develop oil and gas environmental technology. The company has developed an advanced oxidation process that breaks down hydrocarbons to water, carbon dioxide and inorganic salts. By applying this process to produced water - a waste product from most oil and gas production facilities - the content of both dissolved and dispersed oil is reduced. The equipment has undergone successful field trials that have proved the process to be capable of reducing oil content by 50% in the waste water stream. The equipment is commercially available as the "Aquapurge System" and further development of the process for various applications is being carried out by Clean Water Systems Limited.

- Advanced Oxidation Process (AOP)
- Degrades free and dissolved Hydrocarbons to Water, CO₂ and Minerals
- Removes Organic Compounds
- Removes all Dissolved Hydrocarbons including Alkyphenols



- The Aqua Purge System removes total hydrocarbons to meet OSPARCOM requirements to 30ppm or better.
- Reduces waste water toxicity.

Contact details:

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Aqua PURGE

S Y S T E M S

- Small and Compact Design
- Easy to retrofit
- Consultancy Services
- Zone 2 Rated
- Lease or Purchase Equipment
- Design Capacity to 200,000 bbl/d



- Trial results achieved a significantly high percentage reduction of total oil content in produced water.

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