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ETS Expands Product Scope Offering the Enviro-Process Smart Water Technology and Smart Water Discharge

Enviro-Tech Systems' Enviro-Process Smart Water Discharge system operates on the premise that discharge exceeding government regulations is preventable. The system allows platform operators to anticipate unforeseen events by monitoring leading indicators, which demonstrate the process equipment's performance.

Accounting for oily water separation, solids separation, and product effluent monitoring, Enviro-Tech Systems sets in motion its Smart Water Technology system with not only the removal of unwanted solids but the ability to monitor quality at discharge. By using Enerscope desander technology, unwanted solids are removed from processing; however, with the addition of the Enerscope hydrocyclone or the Enviro-Sep (CPI) for the removal of oil and solids, the oily process can be further treated.

Following solids separation, the Enviro-Cell (IGF) is able to polish the separated oil to a composite efficiency range of 90%-97%. As a final course for the recovered water or wash down, the Sumperator (sump caison / skim pile) acts as an emergency discharge point for overboard discharge. The Smart Water Technology system further anticipates success by incorporating a PPM monitoring system that provides leading indicators of the total system performance to the operator.

Enviro-Tech Systems' Advanced Sensors' oil-in-water monitor is a maintenance-free online PPM monitor. Specially designed to operate in hazardous conditions, this PPM monitor utilizes current technology, such as Windows XP, to provide accurate, consistent and uninterrupted measurements for up to 20,000ppm, every second. Through the use of ultrasonic self-cleaning technology, this PPM monitor possesses a 100% success rate at delivering accurate oil in water readings over a 12-month period. Operating in real time, this PPM monitor is able to monitor multiple units as well as generate accurate information to a mobile phone or PDA