



CS-PFR-17-2 Offshore Containment and Waste Reduction Services during Offshore P&A Operations

Executive Summary

In 2017, Augean North Sea Services (ANSS) were awarded an 18-month contract to provide Integrated Drilling & Well Abandonment Waste Management services for UKCS operator, Fairfield Energy, during the plugging and abandonment (P&A) of the 16 Osprey and Merlin subsea wells. Fairfield have used ANSS for a number of services during their Dunlin P&A operations and chose to extend upon this, due to our proven track record of success.

Project Scope

ANSS were commissioned to supply the Sedco 712 with personnel and equipment for:

- Offshore containment of contaminated wellbore wastes
- Waste volume reduction at rig site
- NORM monitoring
- Deep cleaning of mud pits

Solution

Augean provided both onshore and offshore filtration of contaminated seawater and oil based drilling fluids. Working closely with all parties involved, our experienced project managers successfully planned and executed the installation, commissioning, maintenance and operation of:

- Multiple twin-pod filtration units
- A solids control screw conveyor
- Vacuum and pumping transfer systems
- Cuttings skips and Tote tanks

Complete Waste Services For The North Sea

Achievements (September 2017)

- NO accidents, incidents, injuries or lost time attributed to our services
- NO spills, leaks, or uncontrolled discharges to sea
- Filtered over **9500bbbls** of contaminated waste below the environmental consent (15ppm) for safe and compliant discharge to sea
- Contained over **3000bbbls** of crude oil contaminated water for processing at our Alten's facility, Aberdeen
- All sampling and discharging to be carried out by 4 multiskilled Augean filtration specialists (2 per shift)
- 24hr NORM monitoring by Radiation Protection Supervisor
- Successfully resourced, planned, scheduled and managed the project within the critical path.

Result

Offshore filtration helped to drastically reduce the offshore waste stream by over 70%. This was beneficial to the client as it minimised the costs associated with transporting, processing and disposing of waste onshore.

Fairfield Energy have commended our excellent onshore and offshore services to date. We will continue our support aboard the rig throughout the second phase of the project, providing NORM monitoring services for all tubing and casing pulled.

To discuss your requirements in more detail please contact our dedicated team on:

T: +44 (0)1224 719200

aberdeensales@augeanplc.com

 Drilling & Well Abandonment Waste Management

 Decommissioning Services

 Industrial & Marine Services

 Waste Services

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