

W192 - STYBARROW PLUG & ABANDONMENT DISPOSALS PROJECT

WORK ELEMENT 2 & 3 - (OCTGS)

KEY POINTS:

Division

Disposals

Client

Woodside Energy

- Received Oil Country Tubular Goods (OCTGs) from Stybarrow Field in batches from May 2024 to April 2025
- 10 wells received at Woodside King Bay Supply Base – approximately 2070 tubulars and completions structures (tubing hangers, spools, clamps) – total 1260 tonnes
- Offshore hazmat and radiation assessments received to confirm NORM contamination
- Collection
 - o Materials transferred to subcontractor facilities based on offshore contamination results: NORM-contaminated materials to a waste management facility, clean (no NORM) materials to a logistics yard and a pipe cleaning facility.
- On-site Works
 - o Conducted onshore verification testing by Licensed Radiation Safety Officer (RSO), specialist radiation safety companies, to confirm the presence of NORM, mercury and iron sulphide
 - o High-pressure pipe cleaning conducted in batches for the tubulars that have been verified not to contain NORM contamination
 - o NORM decontamination was carried out at a waste management facility from May to July 2025
 - o Clearance testing completed on decontaminated tubulars by specialist radiation safety companies
- Disposal Pathways
 - o Tubulars from pipe cleaning contractor and waste management facility collected by a surplus materials reseller for re-use/re-purpose in piling and fence construction – 92%

- o Tubulars with mercury levels detected below threshold as well as completions structures were transported to a metal recycling facility for recycling – 8%



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WORK ELEMENT 5 - SUBSEA CHRISTMAS TREES (XTS)

KEY POINTS:

Division

Disposals

Client

Woodside Energy

- Received 3 XTs from Stybarrow Field, the first two in July 2024 and the third in February 2025
 - received at Toll Dampier Supply Base (TDSB)
 - total 170 tonnes
- Offshore hazmat and radiation assessments received to confirm NORM contamination
- Load-in
 - o Laydown area with bunding, support stools and exclusion zone established prior to load-in
 - o Coordinated with Toll and crane / haulage contractors to transfer each XT from the quayside to dedicated work area (Toll Area J)
- On-site Works
 - o Conducted onshore verification testing by Licensed Radiation Safety Officer (RSO), a specialist radiation safety company, to confirm the presence of NORM and mercury
 - o A specialist industrial cleaning contractor conducted high-pressure decontamination of NORM-contaminated components such as valves, spools and pipe inlets
 - o Clearance testing completed on decontaminated components by a specialist radiation safety company
 - o A specialist upstream services contractor assisted by Birdon work crew, completed the de-pressurisation and de-energisation of valves and actuators from the structures
 - o Birdon work crew (Disposals and Slipway personnel) conducted the downsizing (oxy cutting), crane lift and removal of materials after the NORM
 - o Components requiring additional chemical cleaning transferred to a specialist industrial cleaning facility

Disposal Pathways

- o Salvageable components collected by a surplus materials reseller for re-use/re-purpose – 5%
- o Decontaminated and cleared components as well as completions structures transported to a metal recycling facility for recycling – 95%

