



LAND & WATER

Innovation. Inspiration. Results.

FALMOUTH PETROLEUM EASTERN JETTY DREDGE

The removal of contaminated material takes care and attention. Land & Water devised specialist equipment to complete the task and prevent further contamination, while ensuring the busy shipping lanes were kept in operation throughout.

Falmouth Petroleum Ltd called in Land & Water to dredge a berthing pocket at the eastern jetty arm; safely and securely removing the contaminated material.

Project Delivery

- Dredge a pocket of soft material to -8m Chart Datum or to rock
- Initial sampling, outside of the Land & Water contract, identified contamination within the silts
- Land & Water devised a moon pool configuration comprising silt curtain to complete the project
- Land & Water complied with a Marine Management Organisation licence stipulation that an 'eco' or lidded bucket be used along with substantial monitoring using turbidity buoys
- Hazardous material was treated before being placed into a restoration site
- Pre and post dredge hydrographic surveys were completed to ensure all materials removed and bed levelled

All removed waste was transported to the Wheal Jane tin mine site in the local area where it was treated and returned to the restoration site.



Find us on the internet at
www.land-water.co.uk

Contact us on 0844 225 1958

The Land & Water Group are award-winning inland waterway and coastal project specialists based in the UK. Throughout their 37-year history, they have become synonymous with finding creative and effective solutions to complex challenges in the specialist environment where land and water meet. Often working in difficult or unpredictable landscapes, their work is always completed with attention to the local surroundings, people and environment.



Project Particulars

- The project was completed for Falmouth Petroleum Limited
- Project period February – August 2014
- Marine dredging project handling contaminated waste



PROJECT
VALUE:

£1,200,000