



CONWY & DEGANWY MARINAS



LAND & WATER Services

Conwy & Deganwy Maintenance Dredge

Project Information

- **QUAY MARINAS LTD**
- **ANNUAL MAINTENANCE DREDGE**
- **VALUE £171,000**
- **OCTOBER —JANUARY 2011**

Conwy and Deganwy Harbour Marinas had previously used a Versi Cutter Suction dredger for maintenance dredging which, whilst successful in part, was hindered by accessibility issues. Land and Water elected to perform a combined dredging operation by using a cutter suction dredger alongside the highly manoeuvrable 'Wight Silt' dredger, with its versatile water erosion system, meaning the entire harbour could be reached. The operation removed 17,700m³ of silts in just nine weeks, 30% faster the earlier methods. After gaining the necessary FEPA license, land drainage

consent, Harbour Master's permissions and with close liaison with local ancient mussel bed fishermen work began in Conwy marina and then moved to Deganwy. The hydro dynamic system dislodged the silt layers putting them into suspension in the water column behind the boat, the suction system on the 'versi' dredger collected them and pumped them approx. 900m to the designated scour hole. Working on the falling tides allowed good dispersal of any uncollected sediments.



Find us on the internet at

www.land-water.co.uk

Contact us on 0844 875 1260

