



CAUSEWAY
GEOTECH



17-0527

LANDING PIER, KILLYBEGS FISHERY HARBOUR CENTRE, CO. DONEGAL



CLIENT

Department of Agriculture,
Food & the Marine



CLIENT REPRESENTATIVE

Doran Consulting Engineers



SITE OPERATIONS

July 2017



Project 17-0527

LANDING PIER, KILLYBEGS FISHERY HARBOUR CENTRE, CO. DONEGAL

PROJECT OVERVIEW

Causeway Geotech were appointed by the Department of Agriculture, Food & the Marine to carry out overwater ground investigation works for provision of geotechnical and environmental information to characterise ground conditions at the river bed of the existing pier for input to the design and construction of:

OUR APPROACH

- **Additional steel fendering** along the eastern and western landing pier elevations and southern elevation of the wharf.
- Three breasting dolphins to the north east of the landing pier helping create a **perpendicular berthing line**.
- **9 overwater boreholes** by cable percussion boring and Geobor S wireline coring for the works
- **Environmental sampling** of the soft surface sediments for chemical analyses using Van Veen grab sampler
- **Overwater works** at these locations carried out off the OCM80 jack-up barge supplied by Ocean Crest Marine
- Factual & Interpretative **ground investigation reports**



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Jack-up barge set-up in position adjacent to the small craft harbour



In position along the western elevation of the landing pier

THE PROCESS

Works were carried out under the supervision of a Geotechnical Engineer from Causeway Geotech who liaised with the Client's Representative and the Harbour-master at Killybegs fishery harbour centre to ensure minimal disruptions to port operations during the contract period

Overwater works were carried out over a continuous two-week period to expedite delivery of the site works programme. The project was completed ahead of schedule without any complaints from harbour users or any local residents.