

Project Data Sheet

**Project**

Dundalk Aggregate Beneficial use

Client

Dundalk Port

Description

Dundalk Port, located in Dundalk Bay on the east coast of Ireland, requires regular maintenance dredging to ensure the navigation channel is kept at a level that is safe for trade vessels. The material to be removed is primarily well-sorted fine to medium sand.

To facilitate this dredging The Bates Partnership (TBP) applied for and acquired a ten-year Foreshore Licence. To avoid disposal at sea, alternative use was sought for the dredged sediment. It was found that the material was non-plastic in nature and had low clay/dirt content and all requirements for use as a Class 1 general fill material were met.

TBP applied for an Article 27 notification to facilitate the use of a defined waste (dredged sediment) as a by-product in the Construction Industry. It was demonstrated that:

1. Further use of the material is certain.
2. The material can be used directly without any further processing other than normal industrial practice.
3. The material is produced as an integral part of the production process.
4. Further use is lawful, in that the substance or object fulfils all relevant product, environmental and health protection requirements for the specific use and will not lead to overall adverse environmental or human health impacts.

The acquisition of a Foreshore License facilitated the dredging of the sand and the successful Article 27 notification permitted its use in a beneficial manner and in line with the Government's Circular Economy policies.

Dates

2020- 2024