



ACEContainer® applied in High-Polluted Sludge in Hong Kong

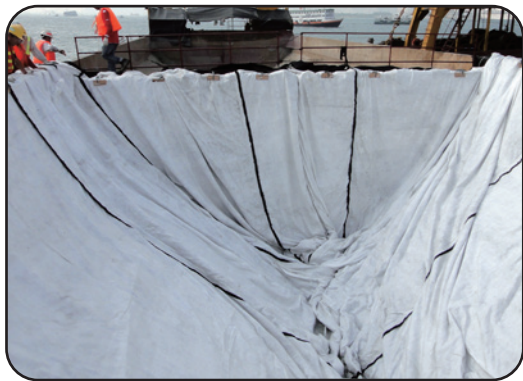
Location: Hong Kong

Application: Sludge Treatment

Problem :

In order to respond the constant evolution of maritime market demands, the development of commercial harbor has become an essential duty of the local harbor bureau. Thus, to maintain the normal operation of shipping shall determine the success of the key trading port.

However, there are some hidden factors affecting the operation of maritime market, one of them is basin silt deposition due to oil mixed settlement of suspended solids or drift sand. How to control operating costs, and improve service satisfaction at the same time? An environmental construction method is adopted for sludge treatment.



Solution :

ACEContainer® can reach the environmental needs, and is widely used in sea silt dredging, desertion of industrial waste, and even can be adopted as high-polluted sanitation sludge storage.

Using ACEContainer® to contain the dredged silt inside the bag and dump into the sea can successfully avoid the spread of suspended solids in the water surface and cause secondary pollution. Therefore in the latter phase of development plan in Victoria Harbor in Hong Kong, ACEContainer® was designed to carry out the silt dredging and dumping process as well as to monitor water quality after discharge.

ACEContainer® can deliver a very high performance and achieve rapid and effective dredging work when compared to traditional dredging methods. It is a good tool to maintain and control marine path as well as to prevent further environmental pollutions. Moreover, after ACEContainer® is dumped into the sea, it can be also adopted as the core of marine structure under the sea as breakwater or shoreline protection.