

## Method Statement

### Forth Sentinel Plough Dredging Operations West Jetty Port Edgar Marina

#### Work to be carried out

Plough Dredging Operations in Line with the Information Supplied by Port Edgar Marina

#### Risk Assessment No.

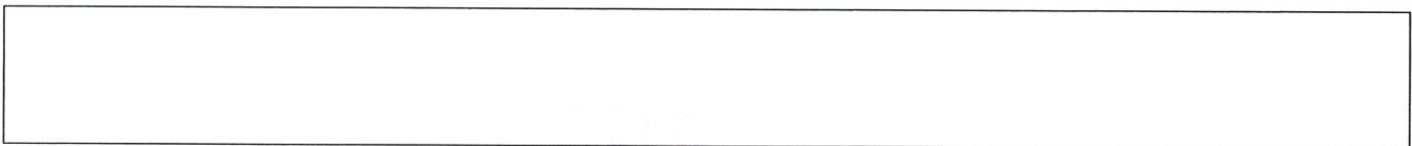
FS/PD/PM/1/10/19

#### Location

Port Edgar Marina South Queensferry

#### Method:

- Plough Dredging Operations will begin when there is adequate tide height for the vessels to operate taking into Consideration the height of the vessels propellers above the Plough to prevent materials being washed out of the Plough.
- The Ploughing Chains will be set to suit the dredge depth required, the plough hoisting wires are pre-marked and calibrated to cope with varied water depth.
- Once there is adequate water depth at the south end of the West Pier (the client will advise which side of the Jetty the ploughing operations are to commence). The Forth Sentinel will commence ploughing operations.
- She will deploy her plough to the seabed allowing enough slack on the hoisting wires to allow for final dredge depth.
- The Vessel will work from North to south with the tide to achieve maximum working time.
- The material will be ploughed from the West Jetty location out to the 12m contour line outside the Marine where it will disperse.
- The Process will be continued until the required Dredge depth has been achieved.



**Method – Statement**

Area to be Ploughed shown within red triangulated Box

