



04/05/2021

File Ref: FS007102

Report: Foreshore Licence Application on behalf of Irish Water for the Deployment of No.5 Acoustic Doppler Current Profiler on trawl resistant frames on the sea bed at locations off Valentia Island.

Project Description

This application is to place 5 no. Acoustic Doppler Current Profilers (ADCP) on the sea bed at 5 no. locations off Valentia Island. The ADCPs are small units of dimensions 1.8m x 1.2m x 0.5m and will occupy an area of approximately 2.2 sqm. The ADCPs will be in place for a total of 35 days and will record the water currents velocity and direction. The data is part of a validation of a hydrodynamic model being developed for Irish Water. The units produce sound at a frequency beyond the hearing range of humans and mammals. The units are designed to be resistant to trawling and have no line or buoy attached for the period of deployment. When the unit is to be retrieved a mechanism will be triggered remotely to release a line a buoy to retrieve the unit from the sea bed.

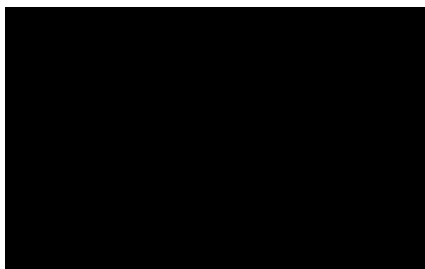
Assessment

As the works are for the support and development of waste water infrastructure and improved water quality they are in the public interest. The works as proposed if conducted in accordance with the documentation submitted will not cause an obstruction to navigation or fishing and will not have significant adverse effects on the environment. (Subject to MLVC consideration)

Recommendation

Due to their extent and duration the works are trivial in nature and should be approved under Section 3.3 of the Foreshore Act. I recommend approval of the application subject to the following conditions,

- The works are conducted in accordance with the maps, drawings and documents submitted with the application.
- Map Titled: Foreshore Licence Map, Drg. No.: FS_VI_001, Date 24/03/2020 is attached to and referenced in the Licence document as issued.
- The Department is notified 2 weeks in advance prior to any works proceeding on site.



 M.Eng. M.I.E.I.

