



Water Framework Assessment: Raynes Jetty Refurbishment Colwyn Bay, Wales (Reference: CML2123)

PROJECT WFD-HEC-007

For Haydn Evans Consulting

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Marine Planning Matters Environment Consulting (MPM) was appointed by Haydn Evans Consulting to carry out a Water Framework Directive (WFD) Assessment to support an application for a Marine Licence (Ref. MLA/2020/00367) the Marine Licensing Team (MLT) of Natural Resources Wales.

The WFD assessment was undertaken using the Environment Agency's (EA) WFD guidance for estuarine and coastal waters, as detailed in the UK Government website, last updated in November 2017.

The result of the screening stage is that the proposed works consist in ‘over water’ replacements and repairs to an existing jetty. No disturbance of the bank or bed (intertidal and subtidal areas) will take place, so they fall within the low-risk activities listed in the guidance.

The WFD assessment concluded that the proposed works will not have an impact on the water body or on any other connected water bodies. The works will not prevent the water body from achieving its target for 2027.

1. Introduction

Cemex UK Operations Limited (Cemex) have applied for a Marine Works License to the Marine Licensing Team (MLT) of Natural Resources Wales. This is an application (Reference number CML2123) to undertake repair works to an existing wooden jetty, which is situated on Colwyn Bay, at the site of the Raynes Quarry (Abegele road, Llysfaen). The location of the jetty is shown in Figures 1 and 2.



Figure 1: Location of the jetty (c) Crown Copyright and database rights 2020. Ordnance Survey 100022861

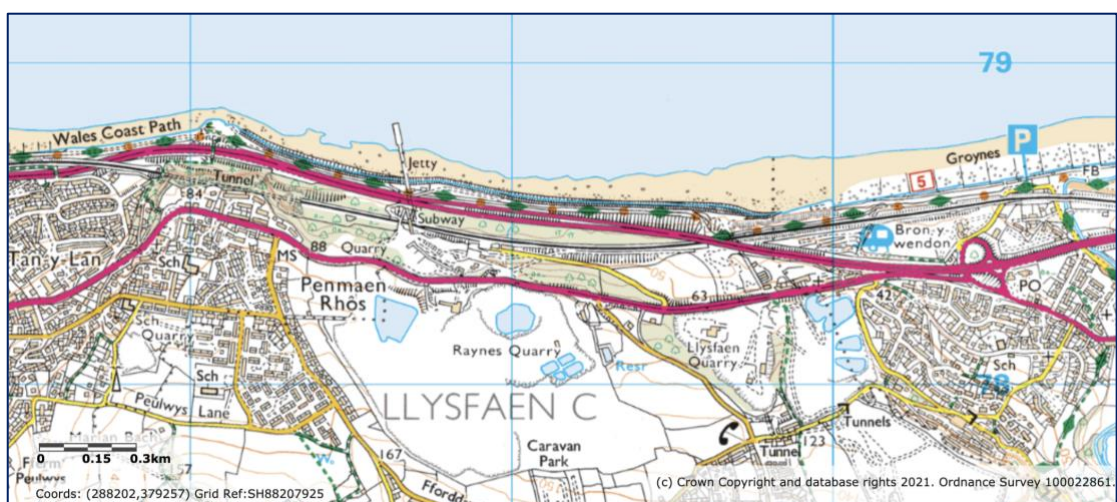


Figure 2: Location of the jetty (c) Crown Copyright and database rights 2020. Ordnance Survey 100022861



Marine Planning Matters Environment Consulting (MPM) was appointed by Haydn Evans Consulting to conduct a WFD Assessment to support this application.

The present assessment has been undertaken using the Environment Agency's (EA) WFD guidance for estuarine and coastal waters, as detailed in the UK Government website, last updated in November 2017:

The objective of the WFD assessment is to:

- Following the EA's guidance, the WFD assessment has been divided in three stages:

1. screening – excludes any activities that don't need to go through the scoping or impact assessment stages
2. scoping – identifies the receptors that are potentially at risk from the proposed activity and need impact assessment
3. impact assessment – considers the potential impacts of the proposed activity, identifies ways to avoid or minimise impacts, and shows if the activity may cause deterioration or jeopardise the water body achieving good status.

3. The proposed works

The works involve the repair of parts of the superstructure of the timber jetty as defined on drawings and schedule submitted with the application. A general view of the jetty and the access ramp is shown in figure 3.

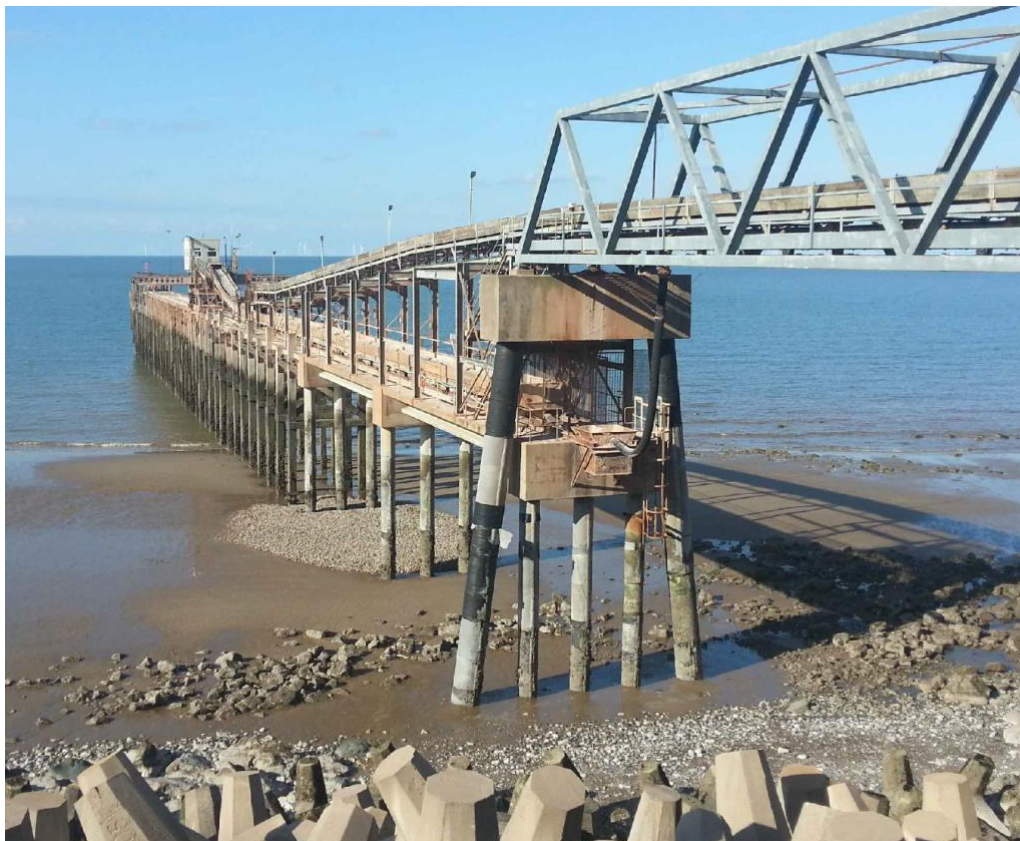


Fig 3: Raynes Quarry Jetty



The structure components that require replacement are a number of rubber and wood fenders and diagonal and horizontal beams. Additionally, the replacement of some stell straps that secure the structure and the installation of some steel straps.

The works will be conducted from the jetty itself, and do not involve the use of vessels. Only hand tools will be employed for the removal of damaged parts and their replacement. Removal of metal and timber parts may result in the release of small amounts of wood or metal materials. These materials will be retained by appropriate screens to avoid their release to the intertidal and subtidal areas below the jetty.

The proposed works do not involve any bank or bed disturbance, and they will be conducted entirely from the jetty.

The site is within the North Wales Waterbody (Coastal) according with the information provided in Watch Water Wales (Natural Resources Wales). The overall status of this waterbody is 'Moderate', its ecological status is also 'Moderate' but 'Fail' in chemistry (water quality).

The site is also adjacent to the Liverpool Bay Special Protection Area (SPA).

4. Screening

A series of activities are considered to be of low risk according with the current EA guidance to conduct WFD assessments. These low activities can be 'screened out' during the first stage include:

- a self-service marine licence activity or an accelerated marine licence activity that meets specific conditions
- maintaining pumps at pumping stations – if you do it regularly, avoid low dissolved oxygen levels during maintenance and minimise silt movement when restarting the pumps



- The proposed works consist in 'over water' replacements and repairs to an existing jetty. No disturbance of the bank or bed (intertidal and subtidal areas) will take place, so they fall within the low-risk activities listed in the guidance.

6. Conclusion

This WFD assessment has determined that the proposed works will not have an impact on the water body or on any other connected water bodies, and that they will not cause or contribute to deterioration of the current status. The works will not prevent the water body from achieving its target status for 2027.