

CASE STUDY. CONVEYOR BRIDGE REMOVAL, SCOTLAND - 2017

PROJECT: *Dismantling of a Sealed Conveyor Bridge over Glenmuir River.*

LOCATION: *Duncanziemere Site, Nr. Logan, New Cumnock, Scotland*

CLIENT: *Hargreaves UK*

CONTRACT DURATION: *2 Weeks*



Euro Demolition & Dismantling have successfully completed the stripping and dismantling of a 70 metre long coal conveyer bridge at a site in New Cumnock, Scotland in November 2016.

The site had been redundant for over 14 months and the client had been under increasing pressure from the council and SEPA to dismantle and remove the bridge. The Bridge spanned the Glenmuir River as well as a road.

SEPA (Scottish environment agency monitored the river before and after the job, to ensure that all works were carried out without any contamination to the river which contained freshwater salmon and to ensure preservation of the river banks, trees and vegetation. There is a 5ft drop between bank and water.

The Bridge was stripped out and knee high coal based slurry carefully removed, following which it was taken to a supplier for mixing with coal products. In total 9 tonnes of muck was recovered from the inside the conveyor.

Although the bridge was a sealed unit and therefore no a high chance of leakage, there were weakened points in the bridge due to acid from the coal which can affect metal and therefore great care had to be taken when removing the slurry to ensure that none of the material contained within the conveyor leaked into the river.

The bridge was hot cut into 3 sections, and crane lifted from site.

All works were carried out safely, without incident and to the client's and SEPA's complete satisfaction.

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