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# MORLAIS COLLIERY WASTE TRANSFER STATION

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**PROJECT REF : IR16070**

**APRIL 2016**

## **DRAINAGE STRATEGY**

### **1.0 Introduction**

It is proposed to reuse the site of the former Morlais Colliery as a waste recycling centre for inert waste. The application is based on 50,000 tonnes of material per annum. There is currently a Natural Resources Wales exemption licence in place for importing inert material onto the site.

### **2.0 Drainage**

There are currently no positive drainage systems for the surface water on site; the land drainage currently permeates through the ground and discharges naturally. The only building in the site is a temporary portacabin site office, there is no positive drainage to this the surface water discharges to the surrounding areas.

The material imported onto site will be inert, and verified by contamination test results before being accepted by the quarry. There should therefore be no contamination impact on the groundwater.

The wheel wash system that will be set up in close proximity to the existing weighbridge will involve the use of recycled water. The water used to wash the vehicles will be collected and reused thus not requiring a positive discharge.

Surface water cut off ditches will be provided to collect run off from the crushing and screening and stockpile area, the surface water intercepted in these ditches with discharge via silt chambers to the existing pond. The chambers are to be inspected monthly and any silt removed. The pond should also be kept free from silt build up to ensure natural infiltration can be maintained.

The proposed works will not change the current drainage regime as no additional impermeable areas are being introduced.