

**Form B2 Question 5 C: Non-Technical Summary of Discharge Application.**

The application for a discharge licence is being made in order to allow discharge of water from the surface water lagoons at Maes Mynan Quarry to a tributary of the River Wheeler. Maes Mynan currently has an abstraction licence, which was previously used for gravel washing but at present is no longer required. Due to the water not being abstracted from the Lagoon and during and subsequent to heavy rainfall the levels of the rainwater in the catchment lagoons can at times become too high. This has implications of flooding on the haul road (See Fig 1). Maes Mynan Quarry Site is primarily used to store and move aggregates that do not require washing. With the risk of flooding and stress on the bunds, it has been proposed to discharge some of this settled rainwater into the tributary of the River Wheeler in order to reduce the risk of flooding at the site. An outlet pipe is already in place from a previous discharge licence which can be utilised. The volumes of discharge proposed would be a small amount to maintain a low level in the lagoons during periods of wet weather (mostly during the winter months). The discharge would only consist of rainwater that has accumulated in the lagoons and has not been used in the operations of the site. The Quarry Managers propose to monitor the discharge and only pump during the day under supervision.



Before Flooding



Flooded

Fig 1. Shows flooding as a result of heavy rainfall overwhelming of lagoon bunds at Maes Mynan Quarry.



## Maes Mynan Quarry

