

For attention of Stuart Cowperthwaite
Development Consent Order for HE project TR0 10022

AS-058 Water environment

<https://infrastructure.planninginspectorate.gov.uk/wp-content/ipc/uploads/projects/TR010022/TR010022-001145-AS-Anne%20Morgan.pdf>

These photos were taken on Thursday 19th March on site at Markeaton Park adjacent to the A38. They confirm my submission about the embankment becoming saturated with water when plants are not removing the water by transpiration. They support the concerns of Derby City Flood Authority.

The houses of Broadway and traffic on Queensway can be seen near the top of the photo.





These stems have more suction than one tree, most of the area to be cleared has this type of wooded cover. The amount of water this scrub and wood removes from the ground is not included in the figures in my submission accepted on the 18th March The white dots on the left are vehicles on Queensway.

These plants have established over years, before the extreme rainfall rising from Climate Change. In dry summer times this soil becomes solid. Mitigation plants are not likely to survive, and would not perform the benefits provided by the existing trees and scrub.