



**Cyfoeth
Naturiol**
Cymru
**Natural
Resources**
Wales

Peter Shephard
Tata Steel
Shotton Works
Deeside
Flintshire
CH5 2NH

Ein cyf / Our ref: EPR/GP3030BE
Eich cyf / Your ref:

Dyddiad / Date: 27 Januaruy 2016

Dear Peter,

Environmental Permitting Regulations (England and Wales) 2010
Re: Tata, Shotton Works Landfill, Hydrogeological Risk Assessment, 2015

We refer to the further information submitted to NRW for review by Tata on 3rd December with regards to the above HRA. NRW have reviewed the information and comment as follows. From the graphed data, there is a large number of permit limit breaches for Zinc over the HRA period and a few breaches for ammonical nitrogen. These breaches have not been mentioned or discussed within the HRA report.

The groundwater model used, uses the dilution factor from the River Dee at the compliance point. NRW do not geneally accept dilution from River water and a tier 4 (P20) assessment may want to be considered to assess the risks to the River Dee.

Whilst not compliance points BH12 and BH15 still show that these boreholes have been impacted by the operations of the landfill and warrant further investigation.

I look forward to hearing from you in due course

Yours sincerely

Matthew Kelk
Regulatory Officer, Industry Regulation Team
Ebost/Email: matthew.kelk@cyfoethnaturiolcymru.gov.uk
Ffôn/Tel: 0300 65 3844, Ffacs/Fax: 01244 548805