



**Cyfoeth  
Naturiol**  
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Wales

Michael Gerardo  
Wastewater Science Manager

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

Sent via email

Dyddiad/Date: 15 January 2018

Dear Michael

**EXCEPTIONAL CIRCUMSTANCES WAIVER FROM RHUDDLAN WwTW – UT  
FAILURE ON 16 SEPTEMBER 2017**

Thank you for your email of 29 November 2017 containing information in relation to the upper tier sample failure at Rhuddlan WwTW on 16 September 2017. On that day there was an OSM sample taken at 0830 hours with an upper tier failure of 118 mg/l suspended solids.

I cannot accept your request to exclude the Suspended Solids result as a look up sample failure and not an upper tier.

Your request came into NRW during my absence before Christmas and I asked Tom Lewis to comment on the waiver request. His view, which was helped by subsequent information you submitted, is that the waiver should not be accepted.

There are two main reasons for this. Firstly the works was treating up to what it ought to be treating and capable of receiving the flow up to 125 litres per second. Above 125 l/s influent would have discharged to storm so the works appears to be operating correctly.

Secondly it would appear that you have had similar problems after other rainfall events of similar magnitude to 16 November 2017 at this works which suggests that treatment problems such blanket carryover from the final settlement tanks are foreseeable when the works is treating flows close to 125 litres per second

Yours sincerely

David Lee  
**NRM Team Leader**

Ebost/Email

[www.cyfoethnaturiolcymru.gov.uk](http://www.cyfoethnaturiolcymru.gov.uk)

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Croesewir gohebiaeth yn y Gymraeg a'r Saesneg  
Correspondence welcomed in Welsh and English