

Dr Nick Jenkins  
Biotage GB Limited  
Unit C  
IST House  
Distribution Way  
Dyffryn Business Park  
HENGOED  
CF82 7TS

Date 27<sup>th</sup> April 2016

Dear Dr Jenkins,

**Ref:- Disposal of Wastewater from Chemical Cleaning and Analysis at Biotage GB Limited, Hengoed to the Public Foul Sewer**

Thank you for your recent enquiry regarding an authorisation to discharge trade effluent to the public foul sewer from the above address.

Based on the information provided, I can confirm that authorisation is given to discharge the trade effluent into the public foul sewer, subject to the following conditions and not otherwise:

1. The premises from which the trade effluent may be discharged is: Biotage GB Limited, Unit C, IST House, Distribution Way, Dyffryn Business Park, Hengoed CF82 7TS.
2. The maximum volume of trade effluent that may be discharged shall not exceed 5000 litres per day.
3. The trade effluent to be discharged is derived from the chemical cleaning of SPE sorbents, and chemical analysis by HPLC.
4. The trade effluent is expected to contain traces of Acetic Acid, Acetone, Acetonitrile, Ammonium Acetate, Ammonium Hydroxide, Formic Acid, Hydrochloric Acid, iso-Butanol, Methanol, Nitric Acid, Sodium Hydroxide, Sulphuric Acid, Tetrahydrofuran.
5. Please ensure that the effluent resulting from SLE+ Washing is flushed to drain with additional quantities of clean water for dilution.
6. Please ensure that the discharge is made to foul sewer only and that there is no risk of the contamination of any surface water drainage.
7. Flows must be introduced into the public sewer in such a way that will not affect the free flow of its contents, for example, settlement of suspended solids or surcharging upstream.
8. This permission is given on the understanding that:
  - a) it may be reviewed from time to time in accordance with the frequency applying in respect of a trade effluent consent issued under the Water Industry Act 1991, section 124.
  - b) Dwr Cymru-Welsh Water may review its Trade Effluent Policy and require a review of this permission subject to the restrictions in a) above.
  - c) If the nature of the discharge is changed then Dwr Cymru-Welsh Water must be informed of this and shall be entitled to review the permission.

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The standard trade effluent consent application fee has already been paid in respect of this authorisation.

In the meantime, if you have any queries or should the operation change in any way so as to affect the nature and volume of wastewater for disposal, please contact Heather Pepper, Trade Effluent Officer on (02920) 478822 or at [heather.pepper@dwrcymru.com](mailto:heather.pepper@dwrcymru.com).

Yours sincerely

**Richard M Ingles**

**Process Scientist**