

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

Date 26th November 2014

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, Duffryn Business Park, Hengoed CF82 7TS.
2. The maximum volume of trade effluent that may be discharged shall not exceed 1 cubic metre per day at a flow rate no greater than 1 litre/second.
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 final pH of the effluent prior to discharge is within the pH range 6 to 11.
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, currently £312 (zero rated for VAT), is payable for the processing of the authorisation application as per the Dwr Cymru-Welsh Water Scheme of Charges. You will be invoiced for this amount in due course.

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.

Yours sincerely

Scott J Webster

Regulatory Sampling & Consenting Manager