

DIGESTATE QUALITY POLICY

Biogen (UK) Ltd. was established in 2005 to develop one of the first commercial scale anaerobic digestion facilities on farm. Biogen is fully owned by Ancala Bioenergy Limited and operates the following Anaerobic Digestion sites:

- Westwood AD Plant, Bedford Road, Rushden, Northamptonshire, NN10 0SQ.
Environmental Permit: EPR/FP3137GF.
- Twinwoods AD Plant, Oakley, Littlewood, Clapham, Bedfordshire MK41 6BL.
Environmental Permit: EPR/KP3496NT.
- GwyrriAD Llwyn Isaf AD Site, Clynnog Fawr, Near Caernarfon, Gwynedd, Wales, LL54 5DF.
Environmental Permit: EPR/KB3438AN.
- Waen AD Plant, Holywell Road, Rhauilt, St Asaph, Denbighshire, Wales, LL17 0DS.
Environmental Permit: EPR/DP3735NP.
- Bygrave AD Plant, Baldock, Hertfordshire, SG7 6QX.
Environmental Permit: EPR/VP3932EG.
- Bryn Pica AD Plant, Merthyr Road, Llwydcoed, Aberdare, Mid Glamorgan, Wales, CF44 0BX.
Environmental Permit: EPR/SP3537VQ.
- Merevale AD Plant, Merevale lane, Baxterley, Atherstone, Warwickshire, CV9 2LA
Environmental Permit: EPR/ZP3936WZ.
- Millerhill AD Plant, Whitehill Road, Millerhill, Musselburgh, Scotland, EH21 8RZ.
Environmental Permit PPC/A/1111635.
- Halstead AD Plant, Green Park, Sixth Avenue, Bluebridge Industrial Estate, Halstead, Essex, CO9 2HG.
Environmental Permit EPR/HB3138AU.
- Hoddesdon AD Plant, Ratty's Lane, Hoddesdon, Hertfordshire, EN11 0RF.
Environmental Permit EPR/KP3138EV.
- Basingstoke AD Plant, Kennel Farm, Dummer, Basingstoke, Hampshire, RG23 7LW.
Environmental Permit EPR/WP3433WA.
- Retford AD Plant, Sutton Grange, Sutton-Cum-Lound, Retford, Nottinghamshire, DN22 8SB.
Environmental Permit EPR/TP3236NK.
- Holbeach AD Plant, Holbeach Hurn, Manor Farm, Spalding, Lincolnshire, PE12 8LW.
Environmental Permit EPR/MB3239AN.
- Weston-Super-Mare AD Plant, Aisecome Way, Hutton Moor, Weston-Super-Mare, BS22 8NA
Environmental Permit EPR/FP3497EY.

The plants operate on a wet based system, utilising source segregated food chain waste from commercial and domestic sources. Two of the plants, Retford and Holbeach also utilise energy crops/agri-feedstocks. The digesters operate on a continuous flow basis with pasteurisation occurring on a batch process either pre or post-digestion. The final product is whole digestate which is utilised on the surrounding farmland. The agricultural plants at Retford and Holbeach also produce final product in the form of separated fibre and liquor which is also used on farmland.


Biogen is committed to producing digestate which meets the quality requirements specified in the PAS 110 standard. In addition to the requirements of the standard, Biogen is committed to fulfilling additional requirements stipulated by the customer regarding its fitness for purpose, such requirements will be documented in the Quality Management System (QMS). To this end, Biogen has established and implemented a QMS to comply with all of the requirements of BSI's 'Publicly Available Specification for whole digestate, separated liquor and separated fibre derived from the anaerobic digestion of source segregated biodegradable materials'. It also complies with WRAP, Environment Agency's 'Quality Protocol for Anaerobic Digestion'. The Millerhill AD Plant complies with the additional Scheme Rules for Scotland, and is committed to achieving the additional quality standards in the timescales published in Table 1 of SEPA's position statement (version 5, issued February 2017) as well as compliance with the SEPA Position Statement as a whole.

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Biogen will achieve these commitments through the following means:

- The implementation and maintenance of a Quality Management System that is independently certified as compliant with PAS 110 and the Quality Protocol. At Millerhill this shall also include compliance with SEPA's position statement.
- Ensuring that its employees, suppliers and customers are aware of the support required by them to support the Company's commitments and digestate quality objectives.
- Training its employees whose duties affect digestate quality in good environmental practices and encouraging employee involvement in improvement initiatives.
- Regularly monitoring the performance of the QMS and identifying and implementing improvement ideas.

The implementation of this Digestate Quality Policy is fundamental to the success of Biogen's business and shall be supported by all employees as an integral part of their daily work.

Signed  Dated 14/09/2020

Chief Executive Officer, Biogen (UK) Ltd

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