

**DWR CYMRU CYFYNGEDIG
WATER INDUSTRY ACT 1991**

**CONDITIONAL CONSENT TO THE DISCHARGE
OF TRADE EFFLUENT TO THE PUBLIC SEWER**

TO: WESTERN BIOENERGY LTD.

the Owner and/or Occupier of the trade premises (hereinafter called "the Occupiers") whose registered office is situated at **MICHELIN HOUSE, 81 FULHAM ROAD, LONDON.**

RECITALS

1. The ***** you applied for consent under Section 119 of the Water Industry Act 1991 for consent to discharge trade effluent from the following trade premises known as **WESTERN WOOD ENERGY PLANT** and situated at **LONGLANDS LANE, MARGAM, PORT TALBOT** (hereinafter, the Application) and which trade premises are for the purpose of identification only shown on the location plan attached hereto and marked "A" (hereinafter, "the said trade premises").
2. [Reference was made to the Secretary of State for Wales under Section 120 of the Water Industry Act 1991 and his Determination is dated] N/A
3. Compliance with the conditions hereunder shall be ascertained by reference to the method of analysis as from time to time employed by the Undertaker, its servants, agents or contractors, save where the said condition(s) otherwise expressly provide(s) **DWR CYMRU CYFYNGEDIG** ("the Undertaker) in the exercise of its powers under Section 121 of the Water Industry Act 1991, and thinking it fit to impose conditions as hereinafter appear, **GIVES ITS CONSENT** to the discharge of trade effluent from the said trade premises into the Undertaker's public sewers, **SUBJECT TO THE FOLLOWING CONDITIONS AND NOT OTHERWISE**
 - (1) The public sewer into which the trade effluent may be discharged is the **450 mm** more particularly identified by means of a line coloured RED drawn on the plan attached hereto and marked "B".

- (2) The discharge of trade effluent shall be made at the point marked "X" on the said plan and the said trade effluent shall enter into the public sewer shown on the said plan at the point marked "Y" thereon and not otherwise. Further, no connection, linkage, conduit, pipe, channel or other communication whatsoever shall be made to the said sewer between the said points "X" and "Y" without the prior approval in writing of the Undertaker.
- (3) The trade effluent to be discharged shall consist solely that which is specified in the Application and derived exclusively from **boiler blowdown, boiler emptying and wastewater from demineralisation plant.**
- (4) Without prejudice to condition 3 above, the nature and/or composition of the trade effluent which may be discharged is as specified in the FIRST SCHEDULE hereto.
- (5) The trade effluent shall not include any of the substances or properties listed in the SECOND SCHEDULE hereto in concentration greater than stated therein.
- (6) The maximum quantity of trade effluent discharged on any day (being any continuous 24 hour period) shall not exceed **50** cubic metres.
- (7) The highest rate at which trade effluent may be discharged shall not exceed **5** litres per second.
- (8) The trade effluent may be discharged into the public sewer at any time.
- (9) No uncontaminated condensing water shall be discharged.
- (10) There shall be eliminated from the trade effluent before it is discharged the matters listed below:
 - (a) Effluent with a temperature in excess of 43° Celsius (110° Fahrenheit);
 - (b) Calcium Carbide;
 - (c) Petroleum Spirit within the meaning of Section 111 of the Water Industry Act 1991 and/or the Petroleum Act 1928, save as otherwise permitted herein;

- (d) Other material forming a constituent of the trade effluent, whether alone or in combination with other materials, specified hereby as that which is explosive;
 - (e) Any other substance forming a constituent of the trade effluent which is hereby specified as that which is likely to injure the sewers or to interfere with the free flow of their contents or to affect prejudicially the treatment and disposal of their contents;
 - (f) Any other substance forming a constituent of the trade effluent which is hereby specified as that which in its pure state or in combination with other materials in the contents of the sewer(s) ("the sewage") is capable of producing toxic or flammable vapours.
- (11) No trade effluent shall be discharged the pH value of which is less than 6.0 or greater than 10.0.
- (12) No trade effluent shall be discharged the nature or composition of which includes a matter, substance, property or matters, substances or properties which would constitute the trade effluent as Special Category Effluent within the meaning of Section 138 of the Water Industry Act 1991.
- (13) The Occupier shall give to the Undertaker prior written notice of any change in the process of manufacture, materials, or other circumstances howsoever arising capable of altering the nature and/or composition of the trade effluent. No new substances or properties shall be discharged until the Undertaker has agreed thereto, either with or without imposing a limit and thereafter the said substance(s) and/or property(ies) shall be deemed incorporated into the SECOND SCHEDULE.
- (14) An inspection chamber or manhole shall be provided and maintained by the Occupier in a suitable position and/or at the point(s) marked "X" on the plan annexed hereto in connection with each pipe through which the trade effluent is discharged and such inspection chamber or manhole shall be constructed and maintained in accordance with the Undertaker's reasonable requirements as from time to time notified in writing to the occupier so as to enable a person readily at any time to take samples of the trade effluent being discharged.

- (15) A notch gauge, continuous recorder or some other apparatus suitable and adequate to the Undertaker for measuring and automatically recording the volume and rate of trade effluent so discharged shall be provided, such apparatus to be tested and maintained in accordance with the Undertaker's reasonable requirements as from time to time notified in writing to the Occupier.
- (16) Apparatus capable of accurately determining, measuring and recording the nature and/or composition of the trade effluent discharged shall be provided, such apparatus to be tested and maintained in accordance with the Undertaker's reasonable requirements as from time to time notified in writing to the Occupier.
- (17) The Occupier shall keep records of the volume, rate, nature and/or composition of the trade effluent discharged into the sewer(s) at all times available for inspection by any authorised officer of the Undertaker and copies of such records shall be sent to the Undertaker on demand.
- (18) (a) The Occupier shall pay to the Undertaker charges for the reception, conveyance, treatment and disposal of the trade effluent and the costs of sampling, measuring and/or analysis of the same under the Undertaker's trade effluent's functions, which charges shall be determined as set out below, and all sums payable under this condition shall be payable upon demand;
- (b) The charges under (a) above shall be calculated in accordance with Undertaker's Scheme of Charges as from time to time amended;
- (c) For the avoidance of doubt, the charge shall be payable by any person who is or was the Occupier of the said trade premises during the period of discharge of the trade effluent or at the time payment is due.
- (19) If the notch gauge, meter, recorder or other apparatus ceases to record or is suspected of not recording and/or measuring accurately, the quantity of trade effluent discharged into the sewer(s) during the period from the date and/or time at which the records were last accepted by the Undertaker as being correct up to the date when the notch gauge, meter, recorder or other apparatus again registers accurately shall for the purpose of any payment to be made under

these conditions be based on the average daily volume of trade effluent discharged during the preceding period over which the records were last accepted by the Undertaker as being accurate or during the month immediately after the notch, gauge, meter, recorder or other apparatus or means of measurement and recording has been accurate whichever is the higher.

YOUR RIGHT OF APPEAL

Any person aggrieved by:-

The refusal of a Sewage Undertaker to give consent for which application has been made to the Undertaker under Section 119 of the Water Industry Act 1991; or

Any condition attached by a Sewage Undertaker to such consent may appeal to the Director General of Water Services at Centre City Tower, 7 Hill Street, Birmingham B5 4UA ;

On an appeal in respect of a refusal to give consent, the Director may give the necessary consent either unconditionally or subject to such conditions as he thinks fit to impose.

On an appeal in respect of a condition the Director may take into review all the conditions whether appealed against or not and may substitute for them any other set of conditions (whether more or less favourable to the Appellant) or annul any of the conditions and may include provision as to the charges to be made in pursuance of any condition attached to a consent for any period before the determination of the appeal. On any appeal the Director may give direction that the trade effluent shall not be discharged until a specified date.

FAILURE TO COMPLY WITH CONDITIONS

If in the case of any trade premises a condition is contravened, the Occupier of the premises will be guilty of an offence and liable on conviction by a Magistrates' Court to a fine not exceeding the statutory maximum or on conviction by the Crown Court to an unlimited fine.

DATED *****

For and on behalf of the Company

A.R. Andrews
Wastewater Regulation Manager

Dwr Cymru Cyf
Pentwyn Road
Nelson
Treharris
Caerphilly

SCHEDULE ONE

Nature and composition

The Trade Effluent may contain the following substances:-

1. Water (including such elements, compounds and organisms normally present in water at trace or harmless levels and not exceeding such level as may be imposed by any Regulations for the time being regulating the quality of drinking water).
2. Suspended solids.
3. Oil and grease.
4. Detergents

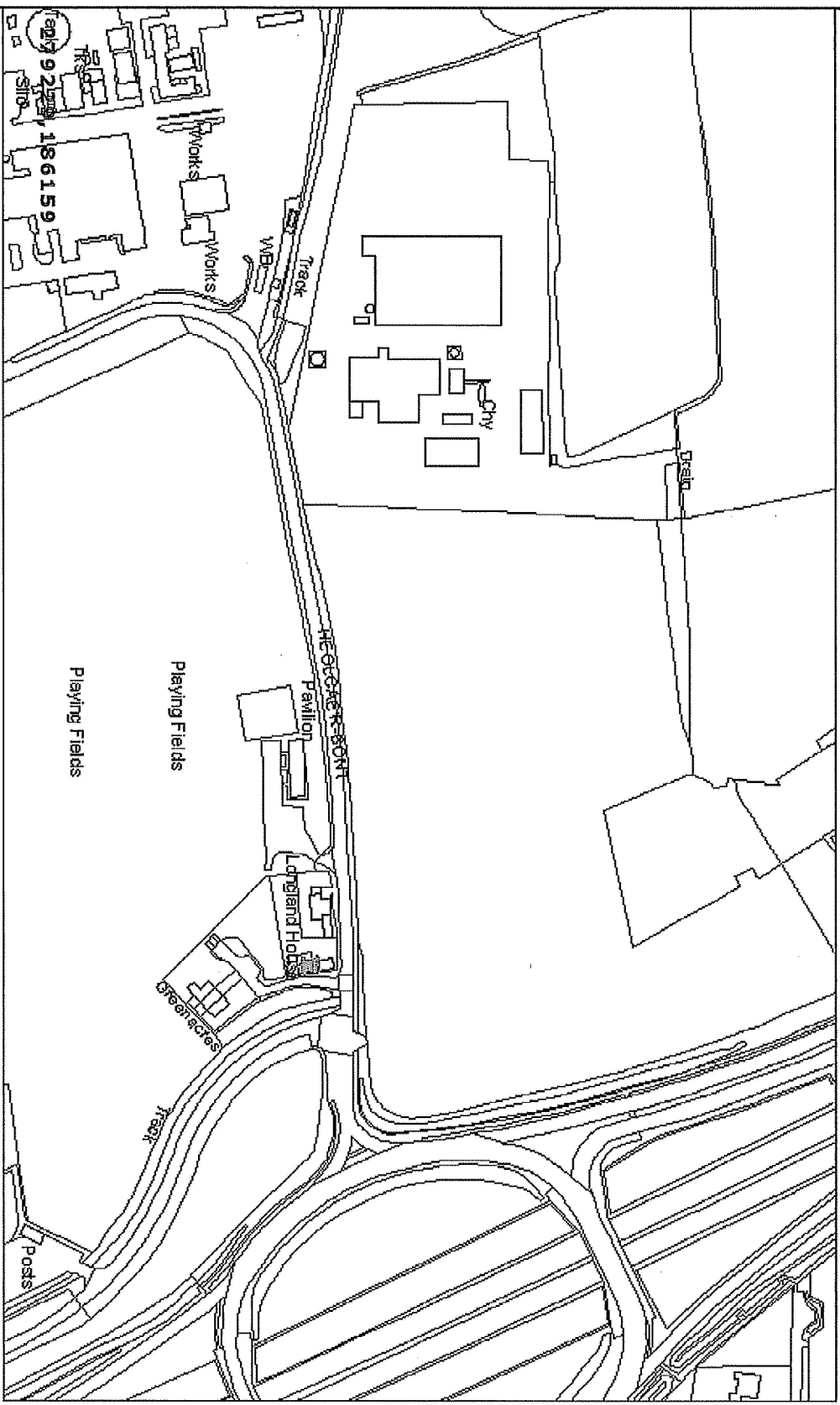
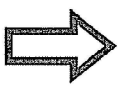
SCHEDULE TWO

1. The chemical oxygen demand of the trade effluent after one hour quiescent settlement at pH 7 shall not exceed 500 milligrams per litre.
2. Total suspended solids shall not exceed 500 milligrams per litre.
3. Mineral oil measured as Total Petroleum Hydrocarbons and determined by extraction with n-pentane followed by analysis using gas chromatography shall not exceed 100 milligrams per litre.



Dŵr Cymru
Welsh Water

Western Wood Energy Plant



LEGEND

- Clean Water
- Sewer Valve
- Air Valve, SINGLE
- Tap
- Pressure Reducing Valve
- Meter
- Bulk Meter
- 6" PI
- Cap
- Existing Man
- NON COMPANY, NON COMPANY Sewerage External
- Foul
- Surface Water
- Combined
- RISING MAIN
- Private
- Treatment Works
- Pumping Station
- Special Purpose
- Unknown End
- Change, COVERED OVERFLOW
- Outlet, POLE
- Lamp Hole, POLE

EXACT LOCATION OF ALL
APPARATUS TO BE DETERMINED
ON SITE

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Scale: 1:3001

Dŵr Cymru CWT gives this information as to the position of its
underground apparatus by way of general guidance only on the strict
understanding that it is based on the best information available and no
warranty as to its correctness is relied upon in the event of excavations
or other works made in the vicinity of the Company's apparatus and any
onus of locating the apparatus before carrying out any excavations rests
entirely on you. It must be understood that the provision of the new
information is not intended to replace the provisions of the new
Roads and Streetworks Act 1991 and of the Company's right to be
compensated for any damage to its apparatus.

DWR CYMRU CYFYNGEDIG

WATER INDUSTRY ACT 1991

APPLICATION TO SEWERAGE UNDERTAKER
FOR CONSENT TO DISCHARGE TRADE EFFLUENT
FROM TRADE PREMISES INTO A PUBLIC SEWER

RECITALS

1. DWR CYMRU CYFYNGEDIG is the Statutory Sewerage Undertaker for the Welsh area ("the Undertaker") and the person named below ("the Applicant") seeks the Undertaker's consent to discharge trade effluent proceeding from trade premises into the Undertaker's public sewer
2. The Applicant acknowledges the Undertaker's duty to protect the sewerage system, and in particular the public sewer into which the Applicant wishes to discharge trade effluent
3. Save as hereinafter appears, the Applicant does not apply to discharge or to cause or permit to be thrown or emptied or to pass into any public sewer any matter likely to injure the sewers either alone or in combination with the contents of the sewers or interfere with the free flow of their contents or affect prejudicially the treatment and disposal of their contents
4. The Applicant acknowledges and by this Application warrants that it has provided information sufficient to identify, specify or otherwise particularise all matters pursuant to Section 119(2) of the Water Industry Act 1991, and for subsequent and/or subordinate enactments, including matters touching upon the nature or composition, maximum quantity and rate of discharge of trade effluent that might, by reason of matters within the Applicant's own knowledge, information or belief, be discharged
5. The Undertaker performs its functions so as to further the conservation and enhancement of natural beauty and the conservation of flora, fauna and geological or physiographical features of special interest

TO: DWR CYMRU CYFYNGEDIG

OF: DWR CYMRU WELSH WATER
PENTWYN
NELSON
TREHARRIS
CAERPHILLY

I/WE on behalf of **Western Bioenergy Ltd** (the Applicant) apply to discharge from **Western Wood Energy Plant, Longlands Lane, Margam, Port Talbot**, trade effluent derived from **boiler blowdown, boiler emptying, and wastewater from demineralisation plant** as follows:-

- (1) The nature and/or composition of the trade effluent is:-
1. Suspended solids
 2. Oil and grease
 3. Detergents
- (2) The maximum quantity of trade effluent proposed to be discharged on any one day is 50 cubic metres.
- (3) The highest rate at which it is proposed to discharge the trade effluent is 5 litre per second

DATED : 5-8-2010

SIGNED : 