



**NOTICE OF DIRECTION VARYING THE CONDITIONS ATTACHING
TO A CONSENT TO THE DISCHARGE OF TRADE EFFLUENT
ISSUED PURSUANT TO: WATER INDUSTRY ACT 1991 (AS AMENDED)**

to Lotus Lightweight Structures Limited
of Potash Lane
Hethel
Norwich
Norfolk
NR14 8EZ
Company No. : 01391647
(‘the trader’)

in relation to a
premises known as:

Lotus Lightweight Structures Limited
Sywell Road
Park Farm South
Wellingborough
Northamptonshire
NN8 6XD
(‘the premises’)

SEE NOTE 2 ANGLIAN WATER SERVICES LIMITED (‘Anglian Water’) under their powers in the above Act hereby direct that as from the 1 June 2010 the conditions attaching to the Consent given on 3 March 1998 shall cease to apply and the Consent to discharge trade effluent from the premises into a public sewer shall be subject to the following conditions:

Nature and
Composition

1. The trade effluent discharged shall be of the following nature and composition (‘the trade effluent’):

Treated wastewaters arising from the powder coat finish treatment plant and aluminium anodising processes.

Monitoring Point and
Receiving Sewer

2. The trade effluent shall pass through the monitoring point situated at the outlet from the effluent treatment plant and prior to discharging to the public foul sewer (‘the monitoring point’) and shall only be discharged into the public foul sewer situated at Faraday Close, Wellingborough (‘the sewer’).

Maximum quantity
to be discharged in
any 24 hour period

3. The volume of trade effluent shall not exceed 100.0 cubic metres in any period of 24 hours.

Maximum rate of
discharge

4. The rate of discharge of trade effluent shall not exceed 4.0 cubic metres per hour.

Matters to be eliminated prior to discharge to the sewer.

5. (a) There shall be eliminated from the trade effluent prior to the monitoring point and before the trade effluent is discharged to sewer:
- (i) Petroleum spirit and other volatile or flammable organic solvents.
 - (ii) Calcium carbide.
 - (iii) Sludges arising from the pre-treatment of the trade effluent.
 - (iv) Waste liable to form viscous or solid coatings or deposits on or in any part of the sewerage system through which the trade effluent is to pass.
 - (v) Any substance which is likely to give rise to the production in the receiving sewerage system or sewage treatment works of fumes, gases or odours which are inflammable or obnoxious, or prejudicial to health or a nuisance within the meaning of section 79 of the Environmental Protection Act 1990.
 - (vi) Halogenated hydrocarbons unless specified in 5(b).
 - (vii) Halogen substituted phenolic compounds unless specified in 5(b).
 - (viii) Thiourea and its derivatives unless specified in 5(b).
 - (ix) Any substance or combination of substances likely to affect prejudicially the sewerage system, the effective and economic treatment of sewage at the receiving sewage treatment works or the lawful disposal of effluent or sludge arising from that works.
 - (x) Substances listed in Schedule 1 of the Trade Effluents (Prescribed Processes and Substances) Regulations 1989; at a concentration greater than the background concentration (see Appendix I to this Direction for the listing of Prescribed Substances) unless specified in section 5(b) below.

- 5 (b) The trade effluent when passing through the monitoring point shall not exceed any of the composition or quality standards set out below:

Chemical oxygen demand (after one hours quiescent settlement)	1000 mg/l
Sulphate (expressed as SO ₄)	1000 mg/l
Fat, oil & grease (expressed as non-volatile filtered matter extractable by 40°/60°C petroleum ether)	250 mg/l
Suspended solids	1000 mg/l
Chromium	1.5 mg/l
Copper	1 mg/l
Nickel	1 mg/l
Zinc	1 mg/l

mg/l = milligrammes per litre

ug/l = microgrammes per litre

Temperature

6. The trade effluent shall have a temperature not higher than 45° Celsius.

Acidity or Alkalinity

7. The trade effluent shall have a pH value not less than 6.0 or greater than 10.0.

Payment

8. The trader shall pay to Anglian Water in respect of the discharge of trade effluent authorised under this consent, charges fixed in accordance with the charges scheme made from time to time by Anglian Water under Section 143 of the Act.

Entry and samples

9. The trader shall permit Anglian Water's duly authorised representatives to inspect, examine, take readings from and test at any time any works and apparatus installed in connection with the trade effluent and to take samples of the trade effluent.

Inspection chamber

10. In addition to the monitoring point referred to in condition 2 above, the trader shall provide and maintain if required by Anglian Water a further monitoring point or points in a suitable position(s) in connection with each pipe through which the trade effluent is being discharged and such inspection chamber(s) or manhole(s) shall be so constructed and maintained by the trader as to enable duly authorised representatives of Anglian Water readily to take samples at any time of the trade effluent passing into the sewer from the premises and to take readings from any apparatus located in such an inspection chamber or manhole.

Measurement and determination of discharge

11. The trader shall provide and maintain if required by Anglian Water a notch gauge and continuous recorder and/or some other approved apparatus suitable and adequate for measuring and automatically recording the volume, rate of discharge and nature of the trade effluent to the satisfaction of Anglian Water in connection with every pipe through which trade effluent is being discharged.

Calculation of charges if measuring and recording apparatus fails to measure correctly

12. If the said measuring and recording apparatus ceases to register or measure correctly then, unless otherwise agreed, the quantity of trade effluent discharged into the sewer during the period from the date on which records of the volume of the trade effluent discharged into the sewer were last accepted by Anglian Water as being correct up to the date when the said measuring and recording apparatus again registers correctly shall for the purpose of any payment to be made to Anglian Water be based on the average daily volume of the trade effluent discharged during the period of one month preceding the date on which the said records were last accepted as aforesaid, or during the month immediately after the said measuring and recording apparatus has been corrected, whichever is the higher.

Records

13. The trader shall provide records in such form as Anglian Water may require of the volume, rate of discharge, nature and composition of trade effluent discharged into the sewer and these shall be available at all reasonable times for inspection by duly authorised representatives of Anglian Water. Copies of such records shall be sent to Anglian Water on demand.

Changes to processes

14. The trader shall forthwith give to Anglian Water notice in writing of any change or proposed changes in the flow, the process of manufacture or nature of the raw materials used or of any other circumstances which may alter the nature and composition of the trade effluent or may result in cessation of the discharge.

Appendices

15. The Appendices to this Consent shall form part of this Consent for all purposes and the terms of the Appendices shall be complied with accordingly.

Definitions

16. References to the Act are to the Water Industry Act 1991, as amended, and references to any Act, Regulations or Order include any amendment or replacement. Except where a contrary intention is intended, any term defined in the Act shall be given the same meaning in this consent.

Duly authorised to sign on this behalf:

Signed.....
Trade Effluent Scientist

Dated this..... day of 2010

NOTE 1:

Your attention is drawn to the right to appeal to the Water Services Regulation Authority ("WSRA") conferred by Section 126(1) of the Act which reads as follows:

- 'The owner or occupier of any trade premises may -
- (a) within two months of the giving to him under subsection (5) of section 124 of a notice of a direction under that section; or
- (b) with the written permission of the WSRA, at any time,

appeal to the WSRA against the direction.'

NOTE 2:

This consent variation has been issued to reflect a changes to (i) the trader & premise details, and (ii) Clause 5(b) limits

Reason for consent

This consent document has been issued for the following reasons:

- to allow you to use our trade effluent service
- to define the level of service offered by Anglian Water in respect of that service
- to protect public health and that of our employees
- to protect the environment
- to protect our infrastructure, processes and product
- to ensure compliance with the regulatory regime.

You must comply with the consent conditions at all times. Failure to do so may lead to enforcement action being taken against you by Anglian Water.

Contact Details

Your Anglian Water contact for all trade effluent matters is detailed in the covering letter associated with this document.

In case of an out of hours emergency you must contact Anglian Water via the Helpline on 08457 145145.

Further contact details may also be obtained from the Anglian Water website located at www.anglianwater.co.uk

Consent History

The following represents a listing of consent documents associated with this discharge:

- ACJ 39 - 03/03/1998 - Sport Carrier Ltd - Original consent
- ADR 149 - 23/04/2007 - Sport Carrier Limited - Variation
- ADU 627 - 12/03/2010 - Lotus Lightweight Structures Limited - Variation

APPENDIX

Trade Effluents (Prescribed Processes and Substances) Regulations 1989Prescribed Substances - Schedule 1

Mercury and its compounds	Dichlorvos
Cadmium and its compounds	1,2-Dichloroethane
gamma-Hexachlorocyclohexane	Trichlorobenzene
DDT	Atrazine
Pentachlorophenol	Simazine
Hexachlorobenzene	Tributyltin compounds
Hexachlorobutadiene	Triphenyltin compounds
Aldrin	Trifluralin
Dieldrin	Fenitrothion
Endrin	Azinphos-methyl
Carbon tetrachloride	Malathion
Polychlorinated biphenyls	Endosulphan

