



## Severn Trent Water

SEVERN TRENT WATER Ltd

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Your Ref

Our Ref Goodwin Steel casting  
AB/AB

27 June 2000

Goodwin Steel Casting  
Hanley  
Stoke-on-Trent  
ST1 3NR

C 2163

Dear Sirs

### Water Industry Act 1991

#### Consent for Discharge of Steel Casting Effluent to the public foul water sewer

This letter defines the conditions under which Severn Trent Water Limited, Area gives its consent to the discharge of trade effluent from Goodwin Steel Casting, Hanley, Stoke on Trent, ST1 3NR to the public foul water sewer.

#### Definitions

In the conditions below the following definitions are to be applied:

"the Company" means Goodwin Steel Casting

"the Sewerage Undertaker" means Severn Trent Water Limited, West Midlands, whose offices are situated at Waterworks Road, Edgbaston, Birmingham, B16 9DD any of its staff or employees and any other duly authorised person engaged in sewerage functions.

"the Site" means the site occupied by the Company at Hanley, Stoke on Trent, ST1 3NR.

"the Effluent" means the waste water discharged to sewer from the steel casting located on the Site.

"the Sewer" means the foul water sewer serving the site which passes into the public foul sewer located in Ivy House Road and Leek Road, Stoke on Trent.

A part of Severn Trent Plc



Registered in England & Wales Registration No. 2366686  
Registered Office 2297 Coventry Road Birmingham B26 3PU

CONTINUATION

28/6/00  
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Conditions

1. The Sewerage Undertaker hereby gives its consent, subject as appears below, to the discharge of the Effluent to the Sewer.
2. The Effluent shall consist solely of waste water derived from steel casting operation.
3. The Effluent shall not contain any of the substances or properties listed below in amounts or proportions other than those which comply with the limits stated and shall not contain any substances or properties not listed except with prior written permission of the Sewerage Undertaker.

a. The temperature of the Effluent shall not exceed 43° Centigrade (110° Fahrenheit).

b. The Effluent shall be free from physically separable, dispersed or emulsified oil and soluble oils, and from materials immiscible with water.

*does not mix with*

c. There shall be eliminated from the Effluent, before it is discharged into the Sewer, any matter which either alone or in combination with any matter with which it is likely to come into contact while it is passing through any sewers is likely to injure or obstruct any such sewers or cause injury to and/or damage to the health of any person lawfully present in such sewers, pumping stations or sewage treatment works or to make difficult or expensive the treatment or disposal of their contents and in particular but without prejudice to the generality of the foregoing the following matters:-

i) petroleum spirit;

ii) calcium carbide;

*- produces acetylene when mixed with water*

iii) *Mercuric bromide, Chlorine, Iodine, Astatine*  
halogenated hydrocarbons; *- halocarbons*

iv) any flammable materials; ?

v) any other matter which for any operational or environmental reason may be notified in writing to Goodwin Steel Casting by the Sewerage Undertaker at any time.

d. The Effluent shall not contain any special category effluent defined in Section 138 Water Industry Act 1991 as amended from time to time in a concentration greater than background concentration as defined in the Trade Effluents (Prescribed Processes and Substances) Regulations 1989.

*36,400 l  
1,400 l/day*

4. The maximum rate at which the Effluent may be discharged shall not exceed 1 litre per second, and the maximum volume discharged in any period of 24 hours shall not exceed 2 cubic metres.

*525,600  
l/year*

*2 m<sup>3</sup> = —————> 2,000 l.*

## CONTINUATION

5. The Effluent shall only be discharged to the sewer between 00.01 hours and 24.00 hours. 1 minute ?
6. The Company shall pay charges to the Sewerage Undertaker for the reception, treatment and disposal of the Effluent discharged to the Sewer. Such charges shall be calculated at the Sewerage Undertaker's published charges for measured used water in force from time to time, and upon the volume of water supplied to the Site.  
  
All sums payable on demand.
7. The Company's attention is drawn to the provisions of Section 122 Water Industry Act 1991 (right to appeal to the Director General of Water Services against any Condition attached to a consent) and Section 124 Water Industry Act 1991 (right of Sewerage Undertaker to vary the conditions attached to a consent).

Yours faithfully

Kevin Triggs

K. Triggs  
Environmental Protection and Operational Systems Manager.