

SUPPORTING INFORMATION

IIQ Ref. /

A. BASIC INFORMATION - required for all discharges

Name of Discharger		W W A					
Name & Location of STW SSO, WTV or premises		Wolfscastle					
Type of Effluent		Treated Effluent					
Receiving water (Non - Tidal)		Afon Anghof				OSGR of Outlet	SN 958 266
Receiving water in 1978 RQO Programme?				1978 Class (NW/C)	Short-term RQO	Long-term RQO	
Yes		Upstream		1A	-	1A	
		Downstream		1A	-	1A	
Existing Effluent Quality		Tot. BOD	BOD (ATU)	S. Solids	Amm. N.*	pH.	Flow
	Maximum	59		94	15.0		Design DWF
	Minimum	6.1		3.0	1.2		77.27 m ³ /d
	Mean	24		26	5.4		Existing DWF
	St. Dev.	14		18	3.9		64 m ³ /d
	Median	24		23	4.2		Maximum
	95%ile	55		66	14.1		463.6 m ³ /d
Consent Conditions	Existing	20		30	8	6.0-8.5	Weir Setting
	Proposed	20	55	70	15	6.0-8.5	1/s

Existing quality data from 56 (23*) samples taken since 1 January 1977

Low river flow data:	Dilution of effluent at low river flow	River : Effluent
5% ile = 10741 m ³ /d		¹³⁹ 95 : 1

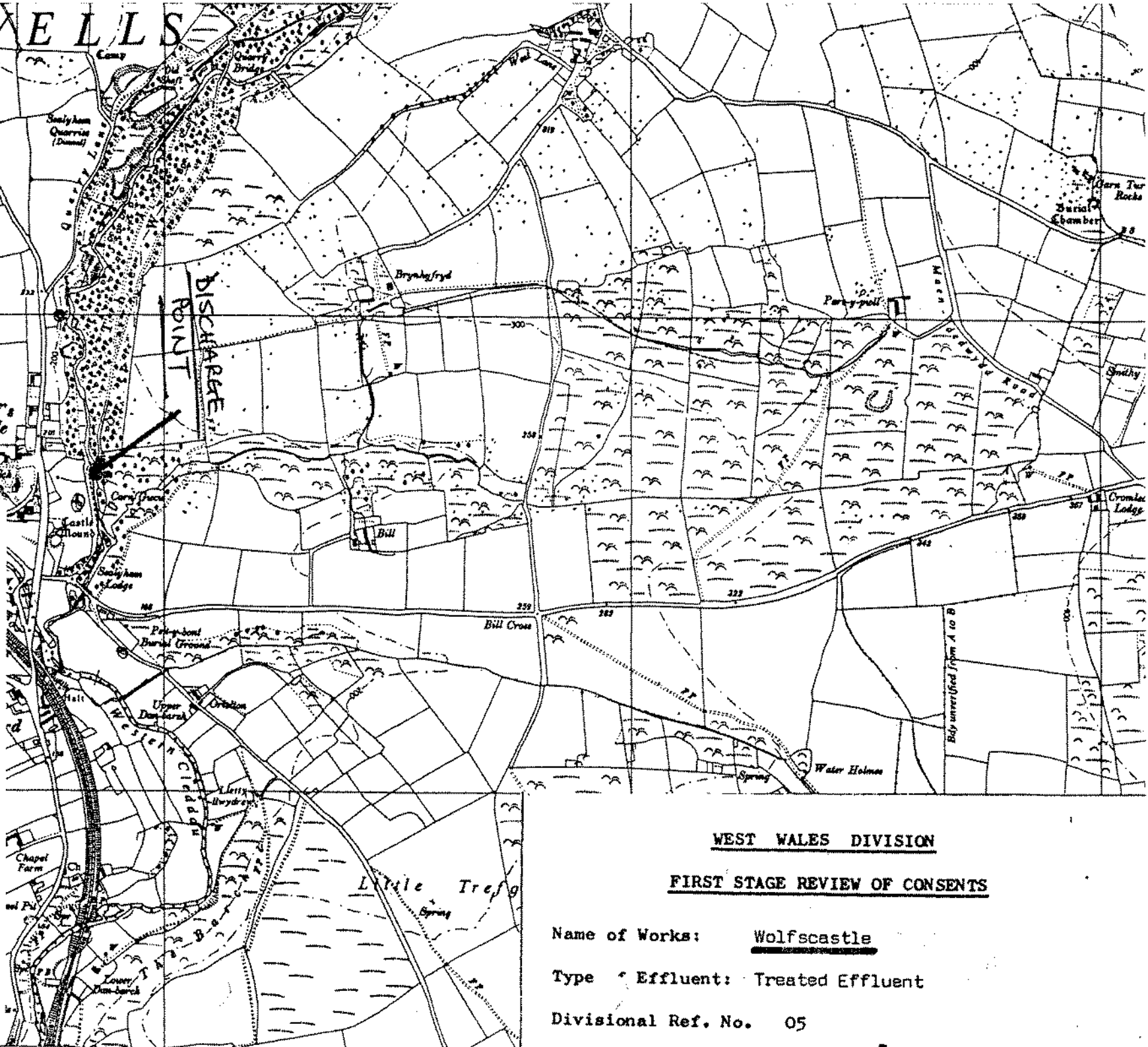
Existing Consent granted	To:	By:	Date:
	Haverfordwest R D C	S W W R A	22.11.66

B. ADDITIONAL INFORMATION - for sewers/STW serving >1000 pop'n. & other discharges >250 m³/d OR if adverse effect likely on PWS abstraction downstream OR if effluent puts receiving water down to a lower quality (sub)class

Uses of receiving water downstream, giving type of use and distance, especially if affected by effluent in question	The Anghof joins the larger W. Cleddau approximately 0.5 Km downstream and so has little use for cattle watering. The Anghof supports a reasonably good fishing here including salmon and migratory trout.
Nature and overall proportion of significant trade effluent in sewage	Nil
If discharge puts receiving water in lower quality (sub) class, state remedial works proposed and date(s)	No

Other Information:
The effluent from this works does not adversely affect any of the above uses.

DOGWELLS



WELSH WATER AUTHORITY
PLAN NO. RW/0208/E/1
WOLFSCASTLE
SEWAGE TREATMENT WORKS

This is the plan referred to
in the Variation of Consent

WEST WALES DIVISION FIRST STAGE REVIEW OF CONSENTS

Name of Works: Wolfscastle
Type of Effluent: Treated Effluent
Divisional Ref. No. 05