



WATER INDUSTRY ACT 1991

SECTION 165 / 166

CONSENT TO DISCHARGE

**TO: Dŵr Cymru Cyfyngedig
Pentwyn Road
Nelson
Treharris
Mid Glamorgan
CF46 6LY**

The **NATURAL RESOURCES BODY FOR WALES** ("Natural Resources Wales") in pursuance of its powers under the Water Industry Act 1991 **HEREBY CONSENTS** to the making of a discharge as follows:

De-chlorinated water

FROM: WENALLT SOUTH SRV, WENALLT ROAD, RHIWBINA, CARDIFF, CF14 6TQ

AT: NATIONAL GRID REFERENCE ST 15172 82334

TO: NANT CWM NOFYDD

SUBJECT TO: the conditions set out in the following schedule:

De-chlorinated water

Schedule No. NRWWIA144

This consent is issued on the 16th day of October 2018
This consent takes effect on the 17th day of October 2018
This consent shall cease to have effect on the 23rd day of October 2018

Signed: Emily Roe

CONSENT NO:	NRWWIA144
SCHEDULE NO:	NRWWIA144-01
DATE ISSUED:	16th October 2018

**CONDITIONS OF CONSENT TO DISCHARGE
DE-CHLORINATED WATER (“the Discharge”)**

NATURE OF THE DISCHARGE

1. The Discharge shall consist solely of de-chlorinated water.

SOURCE OF THE DISCHARGE

2. The Discharge shall be derived from Wenallt South SRV.

LOCATION OF DISCHARGE

3. The location of the Discharge shall be at NGR ST 15172 82334, marked ‘Discharge Point’ on the site plan in Annex 1.

SAMPLE POINT

4. A sample point shall be provided and maintained so that a representative sample of the Discharge may be obtained.

VOLUME

5. The total volume of the Discharge shall not exceed 12,700.8 cubic metres.
6. The total daily volume of the Discharge shall not exceed 1814.4 cubic metres.
7. The rate of the Discharge shall not exceed 21 litres per second.

COMPOSITION

8. The consent holder shall take all necessary steps to secure that any water discharged by it under this consent is as free as may be reasonably practicable from —
 - (a) mud and silt;
 - (b) solid, polluting, offensive or injurious substances;
and
 - (c) any substances prejudicial to fish or spawn, or to spawning beds or food of fish.

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SCOURING

9. The rate of discharge shall be controlled to prevent any significant scouring of the bed or bankside of the receiving water.

FLOODING

10. The discharge shall not cause or significantly contribute to flooding in the downstream catchment.

PERIOD OF DISCHARGE

11. The Discharge shall only be made between 17th day of October 2018 and the 23rd day of October 2018.

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ANNEX 1- PLAN No. NRWWIA144



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COLOUR CODE		TABLE OF SYMBOLS	
Blue	INLET WATER	Blue Valve	DOUBLE ACTION AIR VALVE
Light Blue	OUTLET WATER	Blue Valve - CLOSED	PRESSURE SUSTAINING VALVE
Red	OVERFLOW & WASH-OUT	Blue Valve - OPEN	NON RETURN VALVE
Green	REDUNDANT PIPE WORK	Blue Valve - CLOSED	PRV
Red Dashed	FENCE LINE	Blue Valve - OPEN	Ball Valve
Red Hatched	CONFINED SPACES	Blue Valve - CLOSED	GAP END
Valves	CC	CLOCKWISE CLOSE	SAMPLE POINT
	AC	ANTICLOCKWISE CLOSE	METER
	XX	TO BE CONFIRMED ON SITE	PUMP

Valve List

No.	Operation	Description	Number of Turns
V1	AC	24" COMPARTMENT 2 INLET ISOLATION	45 Turns
V2	AC	24" COMPARTMENT 1 INLET ISOLATION	45 Turns
V3	AC	24" COMPARTMENT 1 OUTLET	45 Turns
V4	AC	24" COMPARTMENT 2 OUTLET	45 Turns
V5	AC	12" COMPARTMENT 1 WASHOUT	25 Turns (right hand turn)
V6	AC	12" COMPARTMENT 2 WASHOUT	25 Turns (right hand turn)
V7	AC	UNDERGROUND DRAINAGE NON-RETURN VALVE	

