

Your ref: EAWML30058 DP3733BK  
Our ref: 14739/3505/CBH/RHT/VKR/AREA 1 AND 2 SW



24<sup>th</sup> April 2015

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**Attn: David Willey and Geraint Richards (Monmouth)**

Dear David and Geraint

**RE: EAWML30058 AND DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 1 AND 2 SURFACE WATER MONITORING RESULTS, ROUND 133.**

We write to provide details of the results of the latest round of surface water monitoring undertaken at Docksway Disposal site.

With this letter report we enclose summary tables giving field observations and selected field test results for each of the surface water positions. The positions were monitored on the 26<sup>th</sup> March 2015 (Round 133). The analytical certificates for the laboratory testing carried out during Round 133 are also included with this report.

Surface water monitoring and sampling was carried out at four locations during Round 133 (see Table 1).

Table 1 – Details of Locations Monitored During Round 133

Position Monitored	Location
SW1A	Ebbw Upstream
SW23	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24	Oxbow Lake Position 1
SW25	Area 1 Surface water management system discharge point

The remaining surface water monitoring locations, SW26 (Area 2 surface water) was recorded as dry and SW02 remains inaccessible due to safety issues with access.

### Water Quality Assessment

Table 2 shows the Round 133 testing results and indicates the likely chemical status of the water based on selected results according to the River Basin Districts Typology, Standards and groundwater threshold values (Water Framework Directive) (England and Wales) Directions 2009. In order to complete this classification process the Maes Glas Pill and River Ebbw are considered as Type 3 rivers.

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Table 2 –Testing Results Summary for Round 133

Monitoring Location	Field Temperature	Field pH	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)	Total suspended solids (mg/l)
SW1A	10.2	8.7	0.231	101.9	<1	n/a
SW23	9.8	7.7	0.83	86.6	2.84	n/a
SW24	9.9	8.6	0.296	105	<1	n/a
SW25	10.7	7.9	4.41	81.7	7.32	13.5

The surface water quality at SW25 has met the discharge consent during Round 133.

Concluding Remarks

If you have any questions regarding the data herein, then please do not hesitate to contact us.

Yours sincerely,

**Kate Riley**

For and on behalf of

**PETER BRETT ASSOCIATES LLP**

**Cc.** Gwyn Jones – NCC

**Enc.** Laboratory Analytical Test Certificates