

Your ref: EAWML30058 DP3733BK
Our ref: 14739/075/CBH/RHT/VKR/AREA 1 AND 2 SW



15th July 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 135.

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 21st May 2015 (Round 135). The analytical certificates for the laboratory testing carried out during Round 135 are also included with this report.

Surface water monitoring and sampling was carried out at three locations during Round 135 (see Table 1).

Table 1 – Details of Locations Monitored During Round 135

Position Monitored	Location
SW1A	Ebbw Upstream
SW23	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24	Oxbow Lake Position 1

The remaining surface water monitoring locations SW25 (Area 1 surface water) and SW26 (Area 2 surface water) were recorded as dry during this monitoring round, and SW02 is not currently being monitored due to safety issues with access.

Surface Water Quality Assessment

Table 2 shows selected testing results for Round 135, and indicates the water quality where standards are available (such as discharge consents).

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Table 2 –Testing Results Summary for Round 135

Monitoring Location	Field Temperature (°C)	Field pH	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)	Total suspended solids (mg/l)
SW1A	14.5	8.5	<0.2	105	<1	n/a
SW23	13.4	7.8	1.96	88	<1	n/a
SW24	14.8	8.0	<0.2	107.5	2.7	n/a

Concluding Remarks

Newport City Council (NCC) will continue to monitor the surface water quality on and around Docksway Disposal Site in accordance with the aftercare monitoring plan for Area 1 (following definitive closure being granted in October 2014) and in accordance with the relevant discharge consents and PBA will continue to provide comment on the general water quality within subsequent reports.

If you have any questions regarding the investigations carried out or 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