

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



30th November 2015

PPC Team
Natural Resources Wales
Rivers House
Fortrain Road
St Mellons Business Park
Cardiff
CF3 0EY

Peter Brett Associates LLP
Caversham Bridge House
Waterman Place, Reading
Berkshire RG1 8DN
T: +44 (0)118 950 0761
F: +44 (0)118 959 7498
E: reading@pba.co.uk

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 140.

We write to provide details of the results of the latest rounds 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 30th October 2015. The analytical certificates for the laboratory testing carried out during this round are also included with this report.

Surface water monitoring and sampling was carried out at five locations during Round 140 (see Table 1).

Table 1 – Details of Locations Monitored During Round 140

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
SW26	Area 2 Surface Water

SW02 is not being monitored due to safety issues with access.

Surface Water Quality Assessment

Table 2 shows selected testing results for Round 140, and indicates the water quality where standards are available (such as discharge consents).



Table 2 –Testing Results Summary for Round 140

Monitoring Location	Field Temperature (°C)	Field pH	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)	Total suspended solids (mg/l)
SW1A	13.2	8.2	<0.2	95.6	7.01	n/a
SW23	13.6	7.7	0.972	75.0	2.82	n/a
SW24	13.6	8.2	0.582	68.0	5.24	n/a
SW25	14.4	8.0	0.354	90.3	<1	7.5
SW26	13.7	7.6	10.8	57.7	17.1	7.0

The surface water quality at both SW25 and SW26 has met the specific discharge consents during Round 140.

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