

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



11th August 2017

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 Damien Downes (Monmouth)

Dear David and Damien

RE: EAWML30058 AND DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 1 AND 2 SURFACE WATER MONITORING RESULTS, ROUND 160.

We write to provide details of the results of the latest round of surface water monitoring undertaken at Docksway Disposal site (June 2017, Round 160).

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 28th June 2017. The analytical certificates for the laboratory testing carried out during Round 160 are also included with this report. Laboratory results for sampling location SWAsb were recorded as C3_Asb for round 160, but they are the same location.

Surface water sampling was carried out at four locations during Round 160, (see Table 1).

Table 1 – Details of Locations Sampled During Rounds 152-154 and Monitored During Round 154

Position Monitored	Location
SW1A	River Ebbw Upstream
SW23	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24	Oxbow Lake Position 1
SWAsb	Cell 3 settling lagoon

SW02 (River Ebbw Downstream) is not being monitored due to safety issues with access.
SW25 and SW26 (Area 1 and 2 SW) recorded as dry.

Surface Water Quality Assessment

Table 2 shows selected testing results for Round 160. There are no compliance limits set for surface water and therefore there is no commentary regarding the results. The two surface water discharge locations were recorded as dry during Round 160 and therefore no samples were obtained and there is no commentary regarding discharge consent limits.



Table 2 –Testing Results Summary for Round 160

Monitoring Location	Field Temperature (°C)	Lab pH	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)
SW1A	14.93	8.09	<0.2	93.3	<1
SW23	14.24	7.51	21.5	87.1	7.12
SW24	18.51	7.34	<0.2	73.0	16.40
SWAsb	18.50	8.17	<0.2	87.9	3.21

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 and in accordance with the relevant discharge consents and PBA will continue to provide comment on water quality with reference to discharge consent limits 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