

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



23rd July 2018

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Attn: David Willey

Dear David,

RE: EAWML30058 AND DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 1 AND 2 SURFACE WATER MONITORING RESULTS, ROUNDS 170 & 171.

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal site (April and May 2018, Rounds 170 & 171).

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 18th April 2018 & 29th May 2018. The analytical certificates for the laboratory testing carried out during these rounds are also included with this report.

Surface water sampling was carried out at one locations during Round 170 and four locations during Round 171 (see Table 1).

Table 1 – Details of Locations Sampled During Rounds 170 & 171

Position Monitored (round)	Location
SW1A (R171)	River Ebbw Upstream
SW23 (R171)	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24 (R171)	Oxbow Lake Position 1
SW25 (None)	Area 1 Surface Water
SW26 (None)	Area 2 Surface Water
C3_Asb (R170 & 171)	Cell 3 settling lagoon

Surface Water Quality Assessment

Tables 2 & 3 show selected testing results for Rounds 170 & 171. There are no compliance limits set for surface water and therefore there is no commentary regarding the results.

SW25 (Area 1) and SW26 (Area 2) were both recorded as dry during both monitoring rounds and therefore no samples were obtained and there is no commentary regarding discharge consent limits.

J:\14739\075-Interim Reporting\2018-2019 Monitoring data\Reports Area 2\R171 - May 2018\EAWML30058_DP3733BK AREA 1&2 SW.docx

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Table 2 –Testing Results Summary for Round 170

Monitoring Location	Field Temperature (°C)	Lab pH	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)
C3_Asb	7.97	7.38	<0.2	88.20	12.3

Table 3 –Testing Results Summary for Round 171

Monitoring Location	Field Temperature (°C)	Lab pH	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)
C3_Asb	17.75	7.37	<0.2	88.20	26.3
SW23	13.26	7.44	22.5	81.60	2.19
SW24	19.35	8.30	<0.2	99.00	3.25
SW1A	17.30	8.39	<0.2	103.30	<1

Asbestos was not detected in either of the C3_Asb samples analysed.

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,

Nicholas Hills

For and on behalf of

PETER BRETT ASSOCIATES LLP

Cc. Jonathan Davey – NCC

Enc. Laboratory Analytical Test Certificates