



Your Ref: EAWML30058 DP3733BK
Our Ref: 332510236/3501/CBH/VKR/NC/AREA 1 AND 2 SW

29th March 2021

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

Attn: Tyrone Ward

Dear Tyrone,

Re: EAWML30058 and DP3733BK – Docksway Disposal Site. Latest Area 1 and 2 Surface Water Monitoring Results, Round 204.

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal Site in February 2021 (Round 204).

With this letter report we enclose summary tables giving field observations and selected field test results for each of the surface water positions. The analytical certificates for the laboratory testing carried out during this monitoring round are included with this report.

Surface water sampling was carried out at six locations during Round 204, see Table 1 below.

Table 1 Details of Locations Sampled during Round 204

Position Monitored	Location
SW1A	River 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
C3_Asb	Cell 3 settling lagoon

Note: SW02 and SW7 were not monitored during this round due to unsafe access

Surface Water Quality Assessment

Table 2 below shows selected testing results for Round 204. There are no compliance limits set for surface water and therefore there is no commentary regarding the results.

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Table 2 Testing Results Summary for Round 204

Monitoring Location	Field Temperature (°C)	Lab pH	Ammoniacal Nitrogen (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)	Suspended Solids (mg/l)	Chemical Oxygen Demand (mg/l)
SW1A	8.84	7.91	<0.2	93.7	<1	n/a	12.7
SW23	8.80	7.41	8.12	67.1	4.17	n/a	25.9
SW24	7.84	8.53	<0.2	94.5	<1	n/a	17.1
SW25	8.42	7.87	0.526	86.7	<1	<2	24.6
SW26	8.37	7.83	0.536	88.3	<1	<2	23.8
C3_Asb	8.77	8.05	3.94	64.5	<1	<2	76.5

The surface water quality has met the specific requirements of the discharge consents for SW25 and SW26 during R204 for the parameters tested.

The field operative did not record the presence of a sheen during sampling at C3_Asb and the laboratory did not detect asbestos fibres in the sample from C3_Asb. The surface water quality within C3_Asb was also within the permit limits during Round 204 for the parameters tested.

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, the Environmental Permit, and in accordance with the relevant discharge consent limits. Stantec will continue to provide comment on water quality with reference to point source emission limits to water (Table S3.2 of the Permit), and 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
Associate

on behalf of Stantec UK Ltd

Encls: Laboratory Certificates

CC: Silvia Gonzalez-Lopez – Newport City Council
 Robert Hughes – NCC (Docksway Disposal Site)
 Luke Embrey - NCC