

Surface water environmental monitoring report

Your Ref: EAWML30058 DP3733BK

18th October 2024

PPC Team
Natural Resources Wales
Rivers House
Fortrain Road
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Cardiff
CF3 0EY

Attn: Luke Burton

Re: EAWML30058 & DP3733BK – Docksway disposal site. Latest Area 1 and 2 surface water monitoring results, round 247.

This report contains the results of surface water monitoring undertaken at Docksway disposal site in September 2024. Included in this report are summary tables showing the sample location details (table 1) and the field test results of each sample location, (table 2).

Table 1 – Details of the sampling locations sampled during Round 247

Sample reference	Sample locations
SW24	Oxbow Lake
C3_Asb	Cell 3 Settling lagoon
SW25 discharge consent (AN0394301)	Area 1 Surface water
SW26 discharge consent (AN0401301)	Area 2 Surface water

Surface water quality assessment

Table 2 – Summary of the testing results during Round 247

Monitoring locations	Field temperature (°C)	Lab pH	Ammoniacal nitrogen (mg/l)	Field dissolved oxygen (%)	Biological oxygen demand (mg/l)	Suspended solids (mg/l)	Chemical oxygen demand (mg/l)
SW24	16.2 °C	8.1	<0.2	73.8	<1	n/a	28.4
C3_Asb	16.3 °C	7.9	0.679	39.9	1.85	9	62.4
SW25	16.0 °C	7.7	2.04	73.9	<1	7.55	45.4
SW26	14.8 °C	7.6	0.927	36.2	<1	2.9	62.5

The surface water quality at location C3_Asb (Round 247) was within the permit limits during this round for the parameters tested. There was no presence of an oily sheen on the surface of the water and the laboratory did not detect any asbestos fibres within the water sample.

Conclusion

Newport City Council (NCC) will continue to monitor the surface water quality of Docksway disposal site in accordance with the aftercare monitoring plan for Area 1, the Environmental Permit (Table S3.2 of the Permit), and in accordance with the relevant discharge consent limits.

If you have any questions regarding this report, then please do not hesitate to contact us.

Yours sincerely,



- CC: [REDACTED] NCC (Landfill Manager)
[REDACTED] NCC (Monitoring Technician)