

Surface water environmental monitoring report

Your Ref: EAWML30058 DP3733BK

11th June 2025

PPC Team
Natural Resources Wales
Rivers House
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Attn: Luke Burton

Re: EAWML30058 & DP3733BK – Docksway disposal site. Latest Area 1 and 2 surface water monitoring results, round 255.

This report contains the results of surface water monitoring undertaken at Docksway disposal site in May 2025. 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 255

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 255

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	16.4 °C	8.1	<0.2	61.1	-	n/a	29
C3_Asb	16.1 °C	8.4	<0.2	76.8	-	4.25	31.7
SW25	14.6 °C	7.7	1.81	69.1	14.5	21.5	112
SW26	Location dry at time of sampling						

The surface water quality at location C3_Asb (Round 255) 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. Note: that due to an instrument failure at the lab a NDP (No determination possible) was recorded for the BOD results (-) for SW24 and C3_Asb for this sampling round.

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,

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- CC: ██████████ NCC (Landfill Manager)
██████████ NCC (Monitoring Technician)