

Surface water environmental monitoring report

Your Ref: DP3733BK

20th December 2023

PPC Team
Natural Resources Wales
Rivers House
Fortrain Road
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Attn: Luke Burton

Re: DP3733BK – Docksway disposal site. Latest Area 2 surface water monitoring results, round 238.

This report contains the results of surface water monitoring undertaken at Docksway disposal site in December 2023. 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 238

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

Surface water quality assessment

Table 2 – Summary of the testing results during Round 238

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	4.7 °C	8.3	<0.2	88.9	3.96	n/a	31.7
SW25	5.5 °C	8.1	20.6	36.4	3.7	10.2	62.5
SW26	5.4 °C	8.1	23.5	34.2	3.41	5.2	70.4
C3_Asb	4.8 °C	8.4	0.505	72.3	3.54	9.75	47

The surface water quality at location C3_Asb was within the permit limits during this round (Round 238) for the parameters tested. There was no presence of an oily sheen on the surface of the water at the time of sampling and the laboratory did not detect any asbestos fibres within the water sample.

The surface water quality has met the specific requirements of the discharge consents for SW25 & SW26 during this sampling round for the parameters tested.

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] (Landfill Manager)
[REDACTED] (Monitoring Technician)