

## Surface water environmental monitoring report

Your Ref: EAWML30058 DP3733BK

14<sup>th</sup> November 2022

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 224.

This report contains the results of surface water monitoring undertaken at Docksway Disposal Site in October 2022. 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 224**

Sample reference	Sample locations
SW1A	Upstream of the River Ebbw
SW23	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24	Oxbow Lake
C3_Asb	Cell 3 Settling lagoon

Note: SW02 and SW7 are not monitored due to unsafe access.

### Surface water quality assessment

**Table 2 – Summary of the testing results during Round 224**

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)
SW1A	11.7 °C	8.22	<0.2	99.1 %	<1	n/a	18.1
SW23	13.4 °C	7.76	18.8	76.2 %	2.01	n/a	40.2
SW24	12.1 °C	7.86	<0.2	80.1 %	4.95	n/a	37.3
C3_Asb	12.7 °C	8.45	<0.2	90.1 %	4.81	20.2	116

The site Environmental Monitoring Technician did not record the presence of a sheen on the surface of the water during this sampling round at C3\_Asb and the laboratory did not detect any asbestos fibres in the sample. The surface water quality at C3\_Asb was also within the permit limits during this round (Round 224) 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,

*L. Embrey*

- CC: Robert Hughes NCC (Landfill Manager)  
Luke Embrey NCC (Monitoring Technician)