

Your Ref: EAWML30058 DP3733BK  
 Our Ref: 332510236/3505/CBH/VKR/MG/AREA 1 AND 2 SW

4th<sup>th</sup> July 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 207.**

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal Site in May 2021 (Round 207).

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 207, see Table 1 below.

**Table 1** Details of Locations Sampled during Round 207

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 207. There are no compliance limits set for surface water and therefore there is no commentary regarding the results.

**Table 2** Testing Results Summary for Round 207

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	11.7	7.86	<0.2	93.3	<1	-	11.4
SW23	11.1	7.59	5.56	71.5	2.37	-	25.4
SW24	15.1	8.06	0.377	77.3	3.39	-	23.9
SW25	15.4	8.23	2	92.7	<1	2.75	84.1
SW26	12.8	7.91	2.33	70.2	<1	<2	38.8
C3 Asb	15.3	8.19	2.05	97.2	<1	2.75	82.2

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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 207 for the parameters tested.

The surface water quality has met the specific requirements of the discharge consents for SW25 and SW26 during R207 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 commentary 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**  
**Senior 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