



Your Ref: EAWML30058 DP3733BK
Our Ref: 49428/3501/CBH/VKR/NC/AREA 1 AND 2 SW

19th November 2020

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 199.

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal Site in September 2020 (Round 199).

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 is included with this report.

Surface water sampling was carried out at four locations during Round 199 undertaken in September 2020, see Table 1 below.

Table 1 Details of Locations Sampled during Round 199

Position Monitored	Location
SW1A	River Ebbw Upstream
SW23	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24	Oxbow Lake Position 1
C3_Asb	Cell 3 settling lagoon

Surface Water Quality Assessment

Table 2 below shows selected testing results for Round 199. There are no compliance limits set for surface water and therefore there is no commentary regarding the results.

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Table 2 Testing Results Summary for Round 199

Monitoring Location	Field Temperature (OC)	Lab pH	Ammoniacal Nitrogen (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)	Suspended Solids (mg/l)	Chemical Oxygen Demand (mg/l)
SW1A	13.91	8.29	<0.2	101.3	<1	n/a	<7
SW23	14.36	7.50	25.8	55.2	7.32	n/a	85.8
SW24	16.32	7.99	<0.2	68.1	2.03	n/a	32.4
C3_Asb	18.08	8.73	<0.2	165.9	17.20	67.9	252

Samples were not obtained from SW25 or SW26 (dry), SW02 (safety issues), or SW07 (safety issues) during Round 199.

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. However, the surface water quality within C3_Asb was in breach of the permit limits for Chemical Oxygen Demand (COD). The concentration of COD was recorded as 252mg/l which is above the permit limit of 120mg/l for this parameter and has increased from the previous round in August 2020 which recorded (181mg/l).

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 comment 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
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