



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

29th July 2020

PPC Team
Natural Resources Wales
Rivers House
Fortrain Road
St Mellons Business Park
Cardiff
CF3 0EY

Attention of: David Griffiths

Dear David,

Re: EAWML30058 AND DP3733BK - DOCKSWAY DISPOSAL SITE. LATEST AREA 1 AND 2 SURFACE WATER MONITORING RESULTS, ROUND 196

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal site in June 2020 (Rounds 196).

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 rounds R196 are included with this report.

Surface water sampling was carried out at five locations during Round 196 (see Table 1).

Table 1 Details of Locations Sampled During Round 196

Position Monitored (Round)	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 SW
C3_Asb	Cell 3 settling lagoon

SW02 and SW07 were not accessible safely during R194 & R195, and SW26 was recorded to be dry

Surface Water Quality Assessment

Table 2 below shows selected testing results for Round 096. 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 196

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	18.3	8.17	<0.2	96.9	<1	N/A	<7
SW23	15.4	7.58	33	67.9	<3	N/A	45.9
SW24	21.9	9.57	<0.2	>100	2.65	N/A	23.2
SW25	22.2	7.71	5.23	78.9	19.7	197	210
C3_Asb	23.7	8.66	7.18	>200	19.5	18	184

N/R = Not recorded

Samples were not obtained from SW26, SW02, or SW07 during Round 196.

The surface water quality at SW25 exceeded the 60 mg/l discharge consent limit for total suspended solids with a concentration of 197 mg/l recorded in June 2020.

It is not currently possible to test the sample from C3_Asb for asbestos fibres in accordance with the Permit, as the laboratory have ceased being able to provide this test. The concentrations of both Ammoniacal Nitrogen (concentration recorded 7.18 mg/l) and Chemical Oxygen Demand (concentration recorded 184 mg/l) exceeded the permit limits for these parameters (5mg/l and 120mg/l respectively). The field operative did not record the presence of a sheen during sampling at C3_Asb during the monitoring round.

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

Encs – Laboratory Certificates

CC – Silvia Gonzalez-Lopez – Newport City Council
 Robert Hughes – NCC (Docksway Disposal Site)