



Your Ref: EAWML30058 DP3733BK
 Our Ref: 14739/075/CBH/RHT/VKR/AREA 1 AND 2 SW

16th June 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, ROUNDS 194 to 195

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal site in April 2020 and May 2020 (Rounds 194 and 195 respectively).

With this letter report we enclose summary tables giving field observations and selected field test results for each of the surface water positions. Please note that field testing was not undertaken (erroneously) in April 2020. The analytical certificates for the laboratory testing carried out during rounds R194 and R195 are included with this report.

Surface water sampling was carried out at five locations during Round 194 and four locations during Round 195 (see Table 1).

Table 1 Details of Locations Sampled During Rounds 194 and 195

Position Monitored (Round)	Location
SW1A (R194 & R195)	River Ebbw Upstream
SW23 (R194 & R195)	Discharge to Maes Glas Pill from Docks Drain Outfall (Disused Culvert)
SW24 (R194 & R195)	Oxbow Lake Position 1
SW25 (R194)	Area 1 SW
C3_Asb (R194 & R195)	Cell 3 settling lagoon

SW02 and SW07 were not accessible safely during R194 & R195

Surface Water Quality Assessment

Table(s) 2 (a and b) show selected testing results for Rounds 194 and 195, however field testing was not undertaken during R194. There are no compliance limits set for surface water and therefore there is no commentary regarding the results.

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Table 2a Testing Results Summary for Round 194

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	N/R	8.12	<0.20	N/R	<1.00	N/A	13.7
SW23	N/R	7.72	24.20	N/R	2.75	N/A	43.6
SW24	N/R	8.17	0.48	N/R	4.56	N/A	41.1
SW25	N/R	8.13	11.00	N/R	6.82	9.35	99.3
C3_Asb	N/R	8.26	18.60	N/R	12.10	N/A	171.0

N/R = Not recorded

Table 2b Testing Results Summary for Round 195

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	13.58	8.18	<0.2	98.7	<1.0	N/A	<7.0
SW23	11.80	7.45	33.5	58.0	<1.0	N/A	49.0
SW24	16.41	8.93	<0.2	92.1	<1.0	N/A	22.5
C3_Asb	16.17	8.02	18.5	76.1	12.9	N/A	164.0

N/R = Not recorded

There field operative did not record the presence of a sheen during sampling at C3_Asb for the two monitoring rounds.

Samples were not obtained from SW26, SW02, or SW07 during Round 194 or SW25, SW26, SW02 and SW07 during Round 195.

The surface water quality at SW25 met the specific requirements of the discharge consent (Section 1.5) during R194 for the parameters tested.

The surface water quality within C3_Asb was either in breach of the permit limits or the testing was not carried out in accordance with the permit during Round 194 and Round 195. It is not currently possible to test the sample for asbestos fibres as the laboratory have ceased being able to provide this test. The sample was not tested for suspended solids during either Round 194 or Round 195. The concentrations of both Ammoniacal Nitrogen (maximum concentration recorded 18.6mg/l) and Chemical Oxygen Demand (maximum concentration recorded 171mg/l) exceeded the permit limits for these parameters (5mg/l and 120mg/l respectively) on both monitoring rounds.

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)