

Your ref: EAWML30058 DP3733BK

Our ref: 14739/075/CBH/RHT/VKR/NC/Area 1 and 2 SW

06 December 2019

PPC Team
Natural Resources Wales
Rivers House
Fortrain Road
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Cardiff
CF3 0EY

Attn: David Willey

Dear David,

RE: EAWML30058 and DP3733BK – Docksway Disposal Site. Latest Area 1 and 2 Surface Water Monitoring Results, Round 187.

We write to provide details of the results of surface water monitoring undertaken at Docksway Disposal Site in September 2019 (Round 187).

With this letter report we enclose summary tables giving field observations and selected field test results for each of the surface water positions. The positions were monitoring on the 19th September 2019. 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 five locations during this monitoring round, see Table 1 below.

Table 1 - Details of Locations Sampled During Round 187

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
C3_Asb	Cell 3 settling lagoon
SW11	North pond

Surface Water Quality Assessment

Table 2 below shows selected testing results for Round 187. There are no compliance limits set for surface water and therefore there is no commentary regarding the results.

SW25 (Area 1) and SW26 (Area 2) were both recorded as dry during this monitoring round and therefore no samples were obtained and there is no commentary regarding discharge consent limits.

Table 2 –Testing Results Summary for Round 187

Monitoring Location	Field Temperature (°C)	Lab pH	Suspended Solids (mg/l)	COD (mg/l)	Ammoniacal Nitrogen Concentration (mg/l)	Field Dissolved Oxygen (%)	BOD (mg/l)
SW1A	14.5	8.3	N/R	18.4	<0.2	113.5	<1.00
SW23	15.0	7.8	N/R	56.4	26.7	70.9	4.12
SW24	19.4	8.6	N/R	65.2	<0.2	112.7	2.16
C3Asb	19.4	8.9	Not done	28.3	<0.2	112.7	<1.00
SW11	20.9	9.5	N/R	42.9	0.24	142.3	7.30

N/R = Not required

The field operative did not identify any oils and greases during sampling at C3_Asb during this monitoring round.

The presence/absence of asbestos fibres in the sample from C3_Asb has not been tested as the laboratory has ceased providing this test and an alternative is being sought.

The surface water quality within C3_Asb was within the permit limits in this monitoring round for the parameters tested, however suspended solids and asbestos fibres were missing from the analysis.

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 consents. PBA 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

For and on behalf of
PETER BRETT ASSOCIATES LLP

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