



Your Ref: EAWML30058
Our Ref: 49428/3501/CBH/VKR/NC/AREA 1 GAS/R015AC

2nd February 2022

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

Attn: Guy Baskerville

Dear Guy,

Re: EAWML30058 - DOCKSWAY DISPOSAL SITE AREA 1 GAS MONITORING REPORT, DEC 2021 R015AC

We write to provide the 15th aftercare gas monitoring report for Area 1 of Docksway Disposal Site (EAWML30058) since definitive closure was granted in October 2014. The monitoring was undertaken on the 2nd and 3rd December 2021 and excludes boreholes NCC_1, NCC_2, NCC_3, NCC_5 and NCC_6 as they could not be located and GP12_27 as this was not accessible.

We enclose with this report a data sheet of the gas results results for this round.

Methane

Methane concentrations (steady state) were recorded above the methane Trigger Level (1%) in three of the seven wells monitored during R015AC. The measured concentrations above the trigger level (1%) are 1.3% in GP03_03a, 14.5% in GP03_13 and 48.1% in GP03_01.

Carbon Dioxide

Carbon dioxide concentrations were recorded above the carbon dioxide Trigger Level (1.5%) in four of the seven wells monitored during R015AC. Measured concentrations above the trigger level range between 4.7% (GP03_03a) and 19.7% (GP03_01).

Oxygen

Oxygen concentrations were recorded below the minimum Trigger Level (18%) in four of the seven wells monitored during R015AC. Measured concentrations below the minimum trigger level range between 16.3% (GP03_02) and 3.2% (GP03_01).

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Concluding Remarks

In general, methane, carbon dioxide and oxygen concentrations continue to exceed the Trigger Levels provided in the Docksway Disposal Site Waste Management Licence for Area 1 at some of the monitoring locations. The data appears to be within the overall general trend for the datasets and no new adverse trends are apparent.

If you have any questions regarding the data or its format, then please do not hesitate to contact us.

Yours sincerely



Kate Riley
Senior Associate
on behalf of Stantec UK Ltd

Encs: Gas data

CC: Robert Hughes – NCC (Docksway Disposal Site)
Sylvia Gonzalez-Lopez – NCC
Luke Embrey - NCC