



Your Ref: EAWML30058

Our Ref: 332510236/49428/3501/CBH/VKR/NC/AREA 1 GAS/R024AC

7th August 2024

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

Attn: Luke Burton

Dear Luke,

Re: EAWML30058 - DOCKSWAY DISPOSAL SITE AREA 1 GAS MONITORING REPORT, R024AC (June/July 2024)

We write to provide the 24th 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 11th July 2024 and excludes boreholes GP09_09 and GP12_27 as they were not accessible, and have not been accessible since September 2022 and September 2021 respectively.

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

Methane

Methane concentrations (steady state) were recorded above the methane Trigger Level (1%) in one of the six wells monitored during R024AC. The measured concentration above the trigger level (1%) was 4.0% v/v in GP03_01.

Carbon Dioxide

Carbon dioxide concentrations were recorded above the carbon dioxide Trigger Level (1.5%) in four of the six wells monitored during R024AC. The measured concentrations above the trigger level were 3.9% in GP03_03A, 2.0% in GP03_13, 3.0% in GP03_02 and 3.0% in GP03_01.

Oxygen

Oxygen concentrations were recorded below the minimum Trigger Level (18%) in two of the six wells monitored during R024AC. The measured concentrations below the minimum trigger level were 14.3% in GP03_13 and 12.8% in GP03_02.

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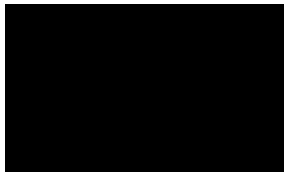
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Concluding Remarks

The methane, carbon dioxide and oxygen concentrations exceeded the Trigger Levels provided in the Docksway Disposal Site, Waste Management Licence for Area 1 at some of the monitoring locations during R024AC. However, the data appears to be within the range of the overall general trend for the datasets and no new adverse trends are apparent.


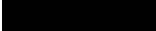
If you have any questions regarding the data or its format, then please do not hesitate to contact us.

Yours sincerely



Technical Director – Geoenvironmental Services
on behalf of Stantec UK Ltd

Encs: Area 1 Gas data

CC:  – NCC (Docksway Disposal Site)
 - NCC