



Your Ref: EAWML30058

Our Ref: 332510236/49428/3515/CBH/VKR/MR/AREA 1 GAS/R025AC

6<sup>th</sup> December 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, September 2024 R025AC**

We write to provide the 25<sup>th</sup> 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 7<sup>th</sup> October 2024 and excludes boreholes GP09\_09 and GP12\_27 as they were not accessible, and have not been accessible since September 2021.

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 three of the six wells monitored during this round. The measured peak concentrations above the trigger level (1%) were 3.0% v/v in GP03\_03a, 9.6% in GP03\_02 and 4.0% in GP03\_01.

### **Carbon Dioxide**

Carbon dioxide concentrations were recorded above the carbon dioxide Trigger Level (1.5%) in three of the six wells monitored during this round. The measured concentrations above the trigger level were 7.7% in GP03\_03a, 10.2% in GP03\_02 and 5.0% in GP03\_01.

### **Oxygen**

Oxygen concentrations were recorded below the minimum Trigger Level (18%) in three of the six wells monitored during this round. The measured concentrations below the trigger level were 10.7% in GP03\_03a, 9.8% in GP03\_02 and 16.8% in GP03\_01.

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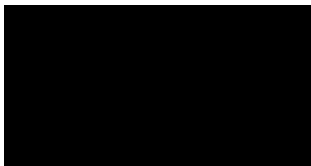
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Concluding Remarks

In general, the methane, carbon dioxide and oxygen concentrations exceeded the Trigger Levels provided in the Docksway Disposal Site, Waste Management Licence for Area 1 during R025AC. However, the data appears to be within the range of the overall general trend for the datasets and no new adverse trends are apparent.


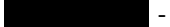
If you have any questions regarding the data or its format, then please do not hesitate to contact us.

Yours sincerely



**Technical Director – Geoenvironmental Services**  
on behalf of Stantec UK Ltd

Encs: Area 1 Gas data

CC:  – NCC (Docksway Disposal Site)  
 - NCC