

## Aycliffe Quarry Landfill Update 9 July 2024

The works to re-profile and cap off the steep sided flanks of cells 2, 3 and 4 were completed in April. This work took longer than planned to complete due to periods of wet weather. To compliment this work additional gas extraction wells were also installed in this area and connected into the wider gas system in May. These wells are operating efficiently. Overall gas extraction on the site has increased from 250 cubic metres per hour in autumn last year to 950 cubic metres per hour now.

In addition to these works, further work has also commenced to cap the plateaus of cells 2 and 3. Following the completion of this work further gas extraction wells will also be installed in this area. This work should be completed in the next few weeks. Whilst these areas were not the source of elevated emissions over the winter they do still need to be completed and will further improve gas control across the site.

We continue to assess the site regularly, in terms of both its odour and gas management and other permit requirements. We will ensure further improvements are made where required to reduce the site's impact on the environment.

We have now installed a fixed air monitoring unit at a location close to the site. This unit will monitor key gases on a 24/7 basis and will broaden our understanding of the impact of the site on the environment. The unit took longer than we hoped to install due to issues around confirming electrical safety and the potential presence of asbestos in the host building. This is because the unit requires connection into a power source which often means drilling through walls. The unit has been operational since 19 June. We will confirm some initial findings from the first batch of data shortly.



Image 1: Air Monitoring Unit



Images 2 & 3: Capping works in progress