



22nd May 2023

ROXBY LANDFILL SITE UPDATE

Dear Local Residents

I would like to provide you with an update on the ongoing works at Roxby Landfill.

Pin wells have been installed incrementally in layers with additional installation of 63mm horizontal gas scavengers. Since January 2023 circa 130 pin wells and 5,000m length of scavenger lines have been installed in Phase 13. This has allowed site to deploy 6,000m² of welded LLDPE permanent plastic capping into Phase 13 as shown on the below aerial photographs.

Planned gas infrastructure works for 2023: -

- ✓ Installation of approximately 20 permanent gas wells within Phase 13. The deep-seated gas wells are to target the gas production deeper within the waste mass, this along with the shallow pin wells allows the gas extraction system to target multiple levels within the waste mass. Therefore, increasing the overall extraction of landfill gas and the sustainable generation of electricity for the National Grid. We anticipate these works commencing in July 23 further correspondence will be communicated.

Planned LLDPE capping works for 2023: -

- ✓ The site is a fully engineered landfill and last Autumn we took advantage of the good weather to place temporary cap over 30,000m². This involved utilising LLDPE plastic to form an engineered barrier between the landfill and the surface thus minimising the amount of open area and maximising the capture of landfill gas which is a potential odour source.
- ✓ A further deployment of circa 10,000m² of permanent capping within Phase 13 is scheduled for September 23 as per the infill pattern for Roxby Landfill. Once site has a mobilisation date this will be communicated.

30,000m² - Temporary LLDPE Capping - (September 22 – May 23).



Recently deployed permanent LLDPE capping.



We will continue to liaise with the Environment Agency, local councillors, and the local MP to ensure all parties are aware of progress and will provide updates to the liaison group. If you wish to discuss this update further, please don't hesitate to contact us by email: - roxbylandfill@biffa.co.uk or contact the site weighbridge on 01724 733336.

Regards

James Harrison
Site Manager