

# Roxby Liaison Meeting



07/12/2021

- ✓ Rail inputs to cease from 23rd December to 4th January 2022.
- ✓ Limited service offered to our road borne customers in-between Christmas & New Year.
- ✓ Site Management and Landfill Gas Team coverage over the festive period and daily site checks to be completed by the site foreman/Supervisor.
- ✓ Additional manned security implemented for the Bank Holiday days; along with the 24hr CCTV surveillance.

# Progressive LLDPE Capping & Gas Infrastructure - 2021



The current active tipping area at Roxby Landfill site has progressed North into Phase 12A/B and battering back on to phase 11 with the Eastern side of this cell being progressed to level with all waste inputs being tipped in this location to allow further infrastructure to be installed.

This has allowed us to mobilise the LLDPE capping crews; to temporary cap an area circa 20,000m<sup>2</sup> & the installation of 84 pin wells.

# LLDPE Capping & Gas Infrastructure – Phase 12



# Progressive LLDPE Capping & Gas Infrastructure - 2021

- 84 gas extraction pin wells and additional 1,000m<sup>></sup> of scavenger lines have been installation since the last meeting into the newly tipped waste in Phase 12.
- This enabling the gas extraction system to target multiple levels within the waste mass, therefore increasing the overall gas extraction of Landfill gas and the sustainable generation of electricity for the National Grid – Currently generating 6.1 Mega Watt equivalent to 1,000 homes.
- Commenced deploying LLDPE plastic cap; scheduled to be completed W/C 20<sup>th</sup> December 21; slight delay due to storm Arwen preventing the plastic sheeting to be safely installed.

Upon completion of these works and the latest section of capping a residents update will be circulated to the community



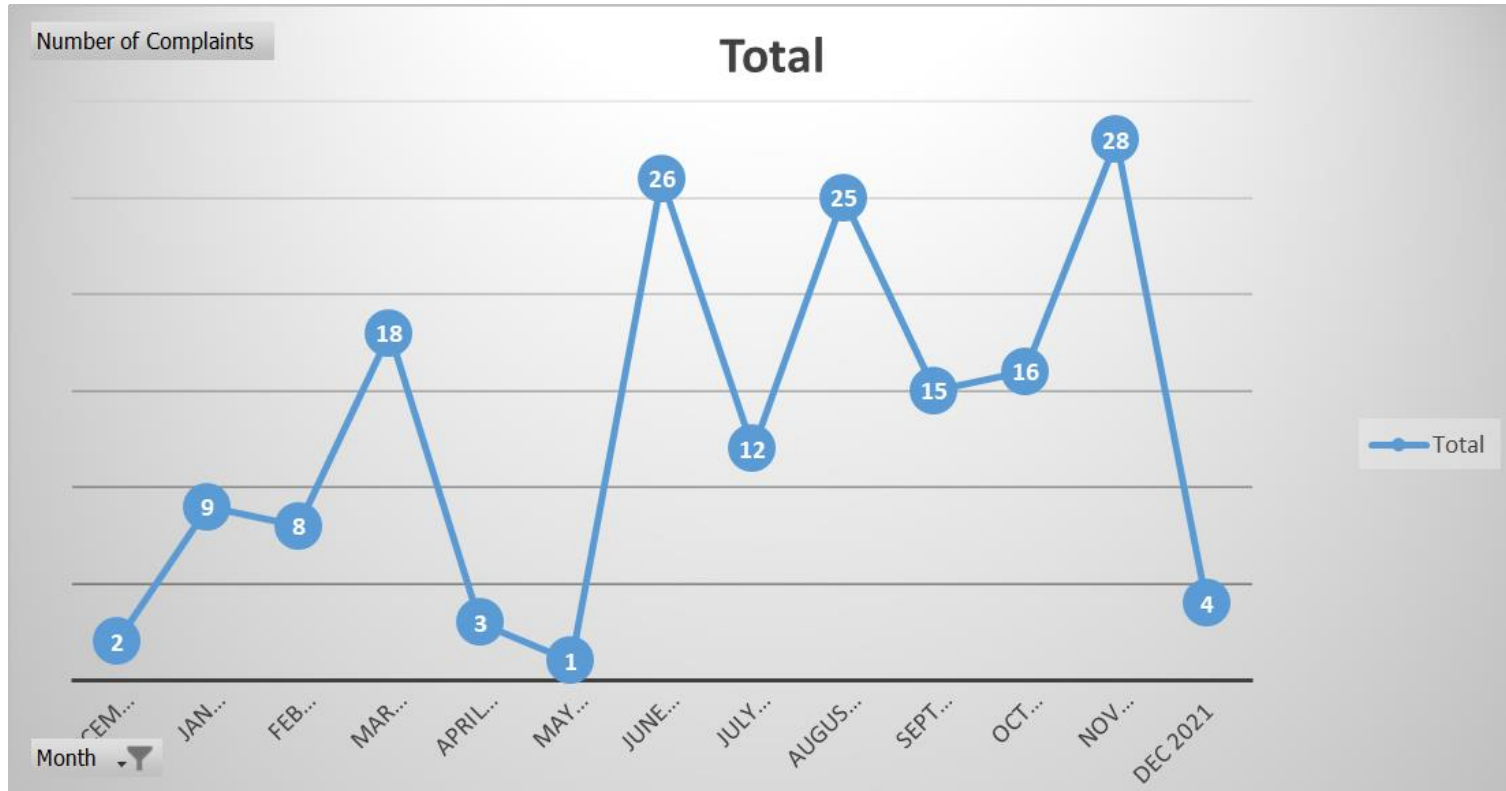
# Phase 13 – Engineering Completed



Landfilling to commence in early January 22



# Odour Complaints



- ▶ Daily Off-site Odour surveys by various staff, including locations around Roxby & along the A1077 throughout Winterton, Thealby and adjacent roads.
- ▶ Weekly FID (Methane) surveys of the site –deficiencies identified are actioned for repair
- ▶ Weekly Teams Calls with Ops management, Landfill Gas team and Environmental Compliance team
- ▶ Monthly Operations meetings to plan gas extraction infrastructure and tipping operations
- ▶ Meetings with Environment Agency and Biffa x 3 per annum and Environmental Trackers x 3 per annum
- ▶ All complaints are reviewed in detail and discussed with EA and site staff





# Onsite - House Keeping

- As the landfill site is progressively filled, it is necessary to prepare the next engineered cell.
- Cell engineering and preparation involves the delivery of some of the materials by road as we simply cannot feasibly deliver all of them by rail. As such the site has received deliveries of tyre bales which are used as a drainage media in the construction of the cells.
- We have also received an increase in hard-core / brick rubble for the maintenance and upkeep of on-site roads in preparation for the winter period to enable wagons to access and egress the tipping area safely.
- All HGV drivers are inducted and must obey the onsite procedures to minimise debris being trafficked onto the public highway
- This includes HGV vehicle check areas; wheel wash facilities; 1 mile tarmac access road and use of a road sweeper to target areas on site as well as the site entrance area and the A1077.
- Failure to comply with the site procedures will result a ban for the HGV driver.



Thank you.

**Biffa**<sup>®</sup>