

Date of Explanatory Notes:

KPI 1 Waste Acceptance

No non-conformances have been received from the regulator within the month. Acceptance procedures under review by the Environment Agency, through the undertaking of an audit in cooperation with WQL, including upstream audits of waste processing sites supplying residues to the landfill business sector.

Waste acceptance carried out in accordance with (Environment Agency) agreed preacceptance and acceptance protocols. No loads rejected within the period.

Pre-acceptance/acceptance procedures under review by WQL to adopt the updated Environment Agency guidance relating to domestic seating disposal.

KPI 2 Odour Management

No non-conformances have been received from the regulator within the month. Two extensive Environment Agency site visits undertaken, focusing on a wide scope of permit conditions including engineering, containment, operational activities, landfill gas management, odour and pest management.

KPI 3 and 4 Active Tipping Area

The overall current landfill area remains consistent at 101,048m². The active area is confined to Cell 4 and a small section of cell 2. The current active area remains contained and measures some 19,515m². This is in line with the approved capping and phasing plan, as agreed with the Environment Agency. The active operational area is progressively covered during the day to minimise the time that fresh waste remains uncovered. This is in line with best practice and our operating techniques. We retain healthy stockpiles of cover material to facilitate this progressive covering.

KPI 5 Temporary Capping

Currently, 41,501m² of the surface area of the facility is temporarily capped, either by the use of a high specification, low permeability engineering clay or an installed geomembrane. This is in line with the capping and phasing plan for the facility, as agreed with the Environment Agency.

KPI 5 Permanent Capping

Relating to permanent capping, 40,032m² of the surface area of the facility is capped, by the installation of a low permeability geomembrane. This is in line with the capping and phasing plan for the facility, as agreed with the Environment Agency with all perm capping works being conducted under the process of Construction Quality Assurance (CQA).

WQL were pleased to be able to complete the extensive program of capping works within 2022 to achieve this level for capping for the facility, both with regards temporary and permanent capping at the facility.

KPI 6 - 8 Landfill gas management

WQL continues to undertake the extensive regime of surface emission surveys, as agreed with the Environment Agency. A FID survey was undertaken in November 2022, in line with the program agreed with the Environment Agency.

The concentration of H₂S at the facility remains reduced and in November it averaged 1200ppm at the Gas Utilisation Plant (GUP), as measured by CLP Envirogas Ltd.

The volume of gas captured at the facility remains high, at 3,177m³/hr. WQL continue to review this position and drive the gas management contractor, CLP Envirogas Ltd to ensure that gas collection is continually reviewed to assess relevant developments that can be made.

KPI 9 Landfill Gas Management - Landfill Gas Management Plan

The LFGMP continues to be developed by WQL and adopted by CLP Envirogas Ltd. From Appendix A of this document, three actions remain open and in progress, namely:

Site Specific Balancing Plan – this is being developed by WQL, in conjunction with the Environment Agency and CLP Envirogas Ltd.

Regular monitoring, requested by the Environment Agency of CLP Envirogas Ltd continues.

Installation of horizontal wells in active operational areas continues as the site develops, in line with the approved LFGMP.

An additional 8 pin wells were installed into the western flank, adjacent to the site entrance gate. This sits outside of the LFGMP and was proposed and driven through by WQL, for CLP Envirogas Ltd to install and commission.

KPI 10 Leachate Management Plan

Implementation of the LMP continues to be discussed with the Environment Agency. Average Leachate heads decreased across H1 2022, with active monitoring continuing. Discussions with the Environment Agency continue regarding installation of additional replacement leachate wells to ensure these are completed with the minimum weather-condition risk, environmental risk and risk to the engineering of the facility.

KPI 11- 13

Two Environment Agency visits were undertaken at the facility in November. No non-conformances have been received from the regulator within the month, relating to these extensive audits of the site.