

## 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. All loads were inspected within the period and no loads rejected.

Pre-acceptance/acceptance procedures under reviewed by WQL to adopt the updated Environment Agency guidance relating to domestic seating disposal. Updated producer information and relevant declarations received, as part of WQL preacceptance and acceptance procedures.

### KPI 2 Odour Management

No non-conformances have been received from the regulator within the month, with two site regulatory inspections confirming no offsite odour detected by Environment Agency officers. The Agency assessments cover 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 101,048m<sup>2</sup>. The active area is confined to Cell 4 and a small section of cell 2. The current active area remains contained and measures some 24,635m<sup>2</sup>. 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, 34,737m<sup>2</sup> of the surface area of the facility is temporarily capped, either using 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. Maintenance works continue to clay capped areas in line with the agreed (by the Environment Agency) CQA (Construction Quality Assurance) specifications.

### KPI 5 Permanent Capping

Relating to permanent capping, 40,032m<sup>2</sup> 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). On completion of the permanent capping works, cover soils continue to be imported to the facility as part of the site restoration process.

### 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 January 2023, in line with the program agreed with the Environment Agency. WQL are reviewing the survey, in line with agreed procedures.

The concentration of H<sub>2</sub>S at the facility remains within expected limits and in January, averaging 1510ppm at the Gas Utilisation Plant (GUP), as measured by CLP Envirogas Ltd.

The volume of gas captured at the facility remains within expected limits, at 3,122m<sup>3</sup>/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. A draft has been received and is being reviewed, prior to agreement and submission to the Environment Agency.

Regular monitoring, requested by the Environment Agency of CLP Envirogas Ltd continues and is likely to remain in place.

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

The LFGMP has been reviewed and issued to the Environment Agency for review. The LFGMP has also been issued to NuLBC.

### KPI 10 Leachate Management Plan

Regarding the implementation of the LMP, 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. Discussions with the Environment Agency are ongoing, with an initial meeting held in January. A further submission is to be made to the Environment Agency, by WQL specialist engineering consultants in February.

### KPI 11- 13

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

CAR report 04474 has been received, for the visit on 10 January 2023. No compliance scores were received.

CAR report 0448775 has been received for the site visit on 25<sup>th</sup> January 2023. No Compliance scores were received.