

## APPENDIX A

### Clean Energy Regulator's advice on waste inputs in the Solid Waste Calculator

#### OFFICIAL

CAS-149666-D6K8H1

Dear Joseph

Sorry for the delay in response.

In response to your questions:

1. Section 5.13 2.(c) of the [National Greenhouse and Energy Reporting \(Measurement\) Determination 2008](#) (NGER Determination) states that:

(c) by using industry estimation practices (such as the use of accepted industry weighbridges, receipts, invoices, other documents or records or population and per-capita waste generation rates).

Based on this, it appears reasonable to calculate the waste per capita from the known waste data and population data and back-cast the landfilled waste up to the opening of the landfill site.

2. Section 1.13 of the NGER Determination provide 'General principles of measuring emissions and energy' and are as follows:

Estimates for this Determination must be prepared in accordance with the following principles:

- (a) transparency—emission and energy estimates must be documented and verifiable;
- (b) comparability—emission and energy estimates using a particular method and produced by a registered corporation or registered person in an industry sector must be comparable with emission and energy estimates produced by similar corporations or persons in that industry sector using the same method and consistent with the emission and energy estimates published by the Department in the National Greenhouse Accounts;
- (c) accuracy—having regard to the availability of reasonable resources by a registered corporation or registered person and the requirements of this Determination, uncertainties in emission and energy estimates must be minimised and any estimates must neither be over nor under estimates of the true values at a 95% confidence level;
- (d) completeness—all identifiable emission sources mentioned in section 1.10 must be accounted for and production and consumption of all identifiable fuels and energy commodities listed in Schedule 1 of the Regulations must be accounted for, subject to any applicable reporting thresholds.

Estimates of 'Waste received at the landfill' are required to meet that above stated principles.

3. The waste mix types for solid waste are provided in section 5.11 of the NGER determination and are as follows:

(1) For subsection 5.9(3), the waste mix types are as follows:

- (a) food;
- (b) paper and cardboard;
- (c) textiles;
- (d) garden and park;
- (e) wood and wood waste;
- (f) sludge;
- (g) nappies;
- (h) rubber and leather;
- (i) inert waste.

Based on this list of waste categories, waste that is not contained in one of these categories could not be diverted from the landfill as it is not a input category and as such should not be counted in the 'waste received at a the landfill'.

I hope this helps answer your questions, if you have any additional questions, don't hesitate to contact us again.

Thank You



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