

CONTAMINANT CONCENTRATION ANALYSIS

Samples should be analysed for the concentration of contaminants detailed in the Table 3 of the *Landfill Waste Classification and Waste Definitions 1996* (As amended December 2009). All analysis should be undertaken by a NATA accredited laboratory. The average concentration and standard deviation of all samples should be entered into the table below.

If the Applicant believes a contaminant listed in Table 3 is not relevant to the waste type, they should contact the Shire to discuss analysis requirements.

Contaminant	Maximum contaminant threshold (CT) values (Class II)	Average Concentration	Standard Deviation (SD)	Average Concentration + 1 SD	Does the 'Average + 1 SD' exceed the maximum CT value?
Metals (mg/kg)					
Arsenic	14				
Beryllium	2				
Cadmium	0.4				
Chromium (Hexavalent)	10				
Lead	2				
Mercury	0.2				
Molybdenum	10				
Nickel	4				
Selenium	2				
Silver	20				
Other Inorganic Species (mg/kg)					
Cyanide (amenable)	7				
Cyanide (total)	16				
Fluoride	300				
Non-Chlorinated Organics (mg/kg)					
Benzene	0.2				
Cresols (total)	400				
2,4-D	0.02				
Ethylbenzene	60				
Petroleum hydrocarbons (mg/kg)					
Phenol (total, non-halogenated)	28.8				
Polycyclic aromatic hydrocarbons (total) (mg/kg)					
Styrene (vinyl benzene)	6				
Toluene	160				
Xylenes (total)	120				
Other metals (% by weight)					

