Contaminated Waste Disposal - Application Form

This form is to be used by organisations or individuals seeking to dispose of contaminated, or potentially contaminated, waste at the Kununurra Waste Disposal Facility.



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8.00am - 4.00pm MON - FRI

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1. APPLICANT DETAILS

Name		
Organisation		
Mailing Address		
Contact Phone	Mobile	
Email		

2. WASTE DETAILS

Please provide a basic description of the waste (Material type, source, physical characteristics, etc.)			
Quantity of waste (cubic metres or tonnes)?			
Where is the waste currently located?			

3. SAMPLING PROCEDURES

Samples of the waste material must be taken in accordance with Pages 18 to 22 of the *Landfill Waste Classification and Waste Definitions 1996* (As amended December 2009).

Please detail the sampling procedures that were undertaken, and demonstrate compliance with the sampling requirements outlined in the <i>Landfill Waste Classification and Waste Definitions</i> 1996.				

4. 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	s (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 weigh	t)				
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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?
Aluminium	5				
Barium	5				
Boron	5				
Cobalt	5				
Copper	5				
Manganese	5				
Vanadium	5				
Zinc	5				

5. LEACHABLE CONCENTRATION AND TOTAL CONCENTRATION ANALYSIS

If the 'average contaminant concentration plus one standard deviation' (Column 5 of Section 4) exceeded the Maximum Class II Contaminant Threshold value (Column 2 of Section 4) for any contaminant, the Applicant should have the samples analysed for the leachable (ASLP) concentrations and total concentrations (CL) of the relevant contaminant/s.

All analysis should be undertaken by a NATA accredited laboratory in accordance with Table 4 of the *Landfill Waste Classification and Waste Definitions 1996* (As amended December 2009).

The results of this analysis should be summarised in the table below.

Contaminant	ASLP: Average (mg/L)	ASLP: Standard Deviation (mg/L)	CL: Average (mg/kg)	CL: Standard Deviation (mg/kg)

6. SUPPORTING EVIDENCE CHECKLIST

The applicant should ensure that the following documentary evidence is attached to this application when it is submitted to the Shire.

Chain of Custody Certificate for samples	
Laboratory Reports / Results for analysis required under Section 4	
Laboratory Reports / Results for analysis required under Section 5 (if applicable)	
Evidence of NATA accreditation for the analysis laboratory	
Signature Date / /	

- 1) The Shire of Wyndham East Kimberley reserves the right to deny any load of waste from being received at the Kununurra Waste Disposal Facility.
- 2) The Shire of Wyndham East Kimberley may make information provided with this application available to third party organisation if specialist expertise and advice is required for the waste classification process. The third party organisation shall be required to treat the information confidentially.