

Document No: HS-0023

The City of Karratha's 7 Mile Landfill Facility is licensed by the Department of Environment and Conservation (DEC) as a Class 2 landfill site. Therefore, potentially contaminated waste disposed of at the site must comply with guideline levels for a Class 2 landfill site. The Class 2 guidelines only allow for a certain level of contamination by particular substances as defined in the DEC document titled Landfill Waste Classification and Definitions 1996 (As amended). This is available by download from the DEC website.

HOW IS THE TYPE AND LEVEL OF CONTAMINATION DETERMINED?

To determine the types and levels of contaminants present in the soil samples from the soil must be taken and sent for analysis by a NATA accredited laboratory. The samples must be representative of the entire mass of contaminated soil therefore a statistically significant number of samples is to be taken from different points throughout the entire consignment. Clients are encouraged to engage accredited environmental consultants to undertake these tasks.

The contaminant analysis of the soil must include hydrocarbon (with emphasis on BTEX, aromatic and aliphatic varieties) and heavy metals analysis. Other analysis for pesticides, PCBs and similar contaminants may be required based on what the soil has been spilled on the soil. If it is expected that the analysis will exceed the Class 2 criteria, leachable concentration (ASLP) and/or Concentration Limit (CL) values must be obtained.

A copy of the analysis report must be sent to the Environmental Health section at the city of Karratha where the analysis will be assessed against Class 2 landfill acceptance criterion. With this analysis the following details are requested: the volume of waste to be disposed of, the estimated date or range of dates for disposal, the contact name of the client and an email or fax address to send the permit to. This information should be forwarded to City of Karratha industrialwaste@karratha.wa.gov.au for review.

If the analysis indicates compliance, the Waste Management Section will issue a Hazardous Waste Disposal Permit which may have additional conditions for disposal. If the waste is not be able to be accepted the client will be notified.

WHAT IF THE LEVEL OF CONTAMINATION EXCEEDS CLASS 2 LANDFILL ACCEPTANCE CRITERION?

If the analysis of the waste material indicates that it exceeds the Class 2 acceptance criterion, the City of Karratha will not be able to accept the waste at the 7 Mile Landfill facility. Alternative arrangements must be made with a commercial waste provider to transport and dispose of the waste at the appropriately licensed facility.

Need more information?

Email: enquiries@karratha.wa.gov
Website: www.karratha.wa.gov.au

If you need more information about any matter raised in this document, please contact the City of Karratha's Environmental Health Service on 9186 8555.