

Moore Road Projects

INCOMING SOIL CRITERIA

The Moore Road fill site is only able to receive waste soil that meets the standard for **waste fill** or **intermediate waste soil** in accordance with EPA *Standard for the production and use of Waste Derived Fill 2013*. All soil delivered to site is reused onsite. Under our approval and licencing conditions and in accordance with the EPA Standard, the following soil assessment and reporting criteria apply:

Waste Fill

The EPA has three categories that determine the level of required assessment of Waste Fill:

- 1. Any volume of waste soil from a single source domestic premises, or less than 100 tonnes (in total) of waste soil from any other single source site where no Potentially Contaminating Activity (PCA) has occurred**
Deemed low risk, no sampling or assessment of the soil is required. Commercial businesses or development sites are not included in this category.
- 2. More than 100 tonnes of waste soil from a single source site where no PCA has occurred**
For domestic premises sampling and assessment of the soil is recommended.
For all other sites sampling and assessment of the soil is required.
- 3. All waste soil from a site where a PCA has or is occurring**
Sampling and assessment of the soil is required.

If loads fall into categories 2 or 3 above, a Soil Classification Report must be supplied.

Intermediate Waste Soil

The requirements differ for Intermediate Waste Soil as follows:

- 1. Soil Classification Reports are required for all volumes of IWS from any class of site**

In accordance with EPA licencing conditions, our site is not carrying out an EPA licenced activity as incoming fill is being reused on site. Therefore contractors are not required to provide a Consignment Authority number or a Transport Certificate for any loads of IWS coming to our site.

SOIL CLASSIFICATION REPORTS

Sampling and Assessment

Sampling and assessment of the waste soil proposed for use as fill or disposal offsite must:

- occur at the source site of the waste soil prior to its excavation and export
- be undertaken by a suitably qualified consultant (ie site contamination consultant) who is required to prepare a report that will provide a definitive statement on the classification of the waste soil. The report (**Site/Soil Classification Report**) will include an assessment for the chemical substances listed in the waste fill criteria.

Basic document overview checks

There is no industry standard format for soil classification reports, so the key information required can be located in various different sections of the report.

Soil Contamination Reports may also be known as Site Contamination Assessments or Waste Classification Reports.

The important document qualities will include:

Scope or Introduction – will usually describe:

- identify the source address of the materials being excavated
- the purpose of the report e.g. in-situ physical and chemical analysis of the waste soil to determine the suitability of the waste soil for onsite remediation, re-use or offsite disposal.

Executive Summary or Certification Statement – a definitive statement that determines:

- the classification of waste soil as determined by the EPA Standard (e.g. Waste Fill or Intermediate Waste Soil)
- the suitability of the waste soil for re-use or offsite disposal

Examples of certification statements:

Based on the results of the intrusive works and laboratory analysis, the soils proposed for offsite disposal classify as follows:

- Soils proposed for offsite disposal from the **Stage 1** area are classified as **Waste Fill** for offsite disposal to licenced waste recycling facility. Reuse of these material onsite is permitted.
- Soils proposed for offsite disposal from the **Stage 2** area are classified as **Waste Fill** for offsite disposal to licenced waste recycling facility. This in exception to the material generated from the area **south west of Stage 2** which will classify as **Intermediate Waste Soil (IWS)**. The area is delineated by boreholes BH11, BH13, BH15 & BH16.
- A graphical representation of the above is presented in Appendix A.

The following documents are not soil classification reports:

- × Site desktop audit
- × Any form of geotechnical report
- × Any form of chemical certificate of analysis that is not supported by an assessment or report.