

Material Testing Report Summary – Trojan Close, Swansea

Purpose of Testing

- Laboratory testing was undertaken by Chemtech Environmental Ltd on a soil sample taken from the site to determine the chemical composition of the material and assess its suitability for continued use on site.

Sample Description

- One soil sample ("Sample 1") was tested.
- Material comprised sandy loam with gravel and roots.
- Moisture content was recorded at 11.7%.

Laboratory Analysis

The sample was analysed for:

- Heavy metals including arsenic, cadmium, chromium, copper, lead, mercury, nickel, selenium and zinc.
- Polycyclic Aromatic Hydrocarbons (PAHs).
- Total Petroleum Hydrocarbons (TPH), including aromatic and aliphatic fractions.

Key Findings

- Testing identified the presence of typical background concentrations of metals, PAHs and hydrocarbons associated with made ground and previously developed land.
- No results indicate the material would require classification as hazardous waste.
- The material is therefore considered to be non-hazardous.

Relevance to the Proposed Development

- The proposal relates to the continued use of the existing yard and storage area.
- There is no intention to excavate or disturb the underlying ground as part of the development proposals.
- The site will remain in its current form as a storage and haulage facility and therefore no soil or made ground material will be removed from the site.
- As a result, there will be no requirement for off-site disposal of material and no associated waste management implications arising from excavation works.

Conclusion

- The laboratory testing confirms that the sampled ground material is **non-hazardous** and does not present a waste classification concern.
- As the proposals do not involve excavation works and no material is proposed to leave the site, the findings of the testing do not present any constraint to the proposed development.

Suggested Planning Summary

Material testing undertaken at Trojan Close identified the site material as non-hazardous. The proposed development does not involve excavation or removal of soils, and no material is intended to leave the site. Consequently, the development will not generate excavated waste and no adverse impacts associated with soil disposal are anticipated.