

METHOD STATEMENT

**Determinand:**

NRA Leachate extract.

Matrix:

Soil, contaminated land, made ground and other related materials.

Principle of Method:

Soluble and suspended species are leached from the as received sample using water with a pH of approximately 5.6 at a ratio of 1:10. The leaching process is carried out for 24 hours.

The liquid is filtered through a 0.45µm pore size membrane filter paper, with a 1.2µm pore size glass-fibre GFC pre-filter if required and submitted for the appropriate analysis.

The procedure offers a simple basic test that is indicative of pollution under natural rainfall conditions. It may not be appropriate for all types of analytes, and more complex test procedures may be required in order to ascertain leachability characteristics in more detail, particularly for organic contaminants.

Interferences:

N/A

Performance of Method:

N/A

References:

R&D Note 301, Leaching Test Method for the Assessment of Contaminated Land, Interim Guidance, NRA (1994).