

South Tyneside Hospital - Soft Landscaped Areas

Should soft landscaped areas be proposed the existing topsoil onsite should be suitable for re-use provided it is firstly screened to remove any deleterious material. The deleterious materials encountered can be placed beneath areas of permanent hardcover. The remaining topsoil will require compliance testing in order to assess its suitability within a clean capping layer. A clean cover system comprising at least 300mm of screened, clean topsoil should be placed in all proposed soft landscaped areas.

Remediation Strategy

- A clean cover system comprising a 300mm thick layer of clean screened topsoil is required.
- The topsoil should be stripped across the site then screened (handpicked) of deleterious material such as brick rubble, metal etc.
- The screened material should be placed beneath areas of hardcover.
- The topsoil should be stockpiled separately from the screened deleterious materials to prevent cross contamination. The topsoil should be tested for inorganic and organic contaminants to prove its suitability. Should the tests indicate the presence of organic or inorganic contaminants then the client should remove the topsoil from site to a landfill and import clean topsoil materials.
- Once the materials have been tested and certified as clean they can be placed within the proposed soft landscaped areas.
- The natural clay deposits across the site can be utilised as clean subsoil.
- Prior to installing the clean cover system, the site operatives must mitigate against potentially contaminating clean materials with soil and dust generated from underlying contaminated ground or any other stockpiled materials onsite.
- The clean cover system must be installed and verified in accordance with the Local Authority Guidelines '*Verification Requirements for Cover Systems, Technical Guidance for developers, Landowners and Consultants*' (Yorkshire and Humberside Pollution Advisory Council Version 2.0 - January 2013).

On satisfactory completion of the works Solmek will provide a Validation Report to the Client. The Validation Report will provide certification that the remediation works have been carried out in accordance with this Remediation Statement. The Validation Report will include a summary of the remediation works undertaken, laboratory test results, drawings supplied by the Contractor's surveyor, and details of any other relevant matters.

A Validation Report will be issued on completion of works that will cover the following elements:

- Volumes of materials excavated from the remediation area.
- Testing of imported topsoil (1 per 100m³ or a minimum of 3no)
- Clean cover thickness with photographic evidence.
- Evidence of waste disposal records.
- Confirmation of haulier and disposal facilities.
- Records of environmental issues.
- Diary/log sheets of Part time supervision/visits by suitably qualified Engineer.