

APPENDIX D – Notes to Compilers of Contract Documents on Testing Requirements

For all Section 278 Works, the types and frequencies of testing must satisfy North Yorkshire Council that the materials, products and workmanship incorporated into the works meet its current standards before acceptance of such works can be given.

It is for the compiler of the contract documents to determine how such testing is to be written in Appendix 1/5 (Contractor testing) or Appendix 1/6 (Samples to be supplied to the Developer for them to test).

Whether the Contractor, Developer, or both, are responsible is immaterial to North Yorkshire Council.

It is the ultimate responsibility of the Developer to ensure all the testing requested by NYC on the scheme is undertaken to the correct frequency and quality.

Based on experience, the Compiler is strongly advised to require the Contractor to submit at least one recent test result for each material or product to be used, clearly demonstrating it meets the contract specification. Such 'approval' results should be required to be submitted prior to any use in the permanent works.

In addition to the above materials sampling, NYC is likely to request testing as construction takes place and also post construction for example CBR Testing, Core Testing, bitmac temperature testing, Chippings Rate of Spread etc.

A 'master' sample register shall be kept on each site clearly identifying (as a minimum) the following:

- unique site sample number for every sample taken
- the specification against which they are assessed for compliance
- Ticket/Lorry No. (if appropriate)
- date of sampling
- exact location of sample (road/c'way/lane/chainage/etc)
- date despatched for testing
- name of test house
- date of receipt of result
- whether result was within specification
- any actions taken as a result of test results.

The 'Master' sample register shall always be kept up to date and be readily available to North Yorkshire Council representatives. It is expected that all test results shall be reviewed against specification by a competent Materials Engineer and compliance or non-compliance clearly indicated.

Before final acceptance of Section 278 works it is the responsibility of the Developer / Consultant to provide the following to North Yorkshire Council representatives-

- copies of all test results from the scheme (collated)
- a report summarising the overall results to include information on:
 - suppliers and sources of all materials, products, etc

- compliance rates for each material/source combination
 - details of any remedial actions taken
 - site plan allowing test results to be located.
- It is suggested that the compiler establishes a table showing the quantities (tonnage, m², m³, number, etc. as appropriate) for all materials/products used in the scheme, the 'target' rate of sampling, number of samples this equates to, the actual quantities used, the actual number of samples taken and the actual rate of testing achieved.

Failure to provide the required data may result in North Yorkshire Council withholding acceptance of the works and requiring additional testing (at no cost to NYC) to ascertain whether the works are of an acceptable standard.

It is the responsibility of the staff directly supervising the Contractor to ensure all the appropriate headings, clause numbers/materials or processes, and testing data is completed fully.

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