PERCOLATION REPORT

LOCATION:
Taylors Farm, Long Lane, Scorton

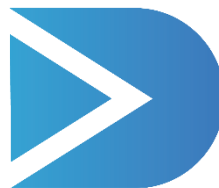**CLIENT:**
Wyreside Hall Ltd

DOCUMENT REF:
24002-PR-001

DATE:
01/02/2024

CONTENTS & AMENDMENT HISTORY

Revision	Description	Date	Author	Checked
A	First Issue	February 2024	E Craig	R Thacker

TESTING REPORT

1.0 TESTING REPORT

The Percolation Testing was carried out on site on 1st of February to establish if infiltration methods were going to be a suitable solution for draining the site.

1 Trial Holes were formed with the following dimensions;

Test Pit 1   1200mm x 600mm x 1500mm deep

TEST PIT 1:

When digging trial pit on February 1st, groundwater was found to be present 1.4m deep into the pit. It therefore can be assumed that the groundwater level on site is high and under BRE 365 Groundwater can't be within 1m of the base of the soakaway, due to the levels and storage required the base of the soakaway would sit within this range, as a result of this it is deemed soakaways would not be viable at this location.
Under BRE365 Guidelines the site will not be viable for soakaways.

APPENDICES

Appendix A – Percolation Test Sheet
METHOD (from BRE Digest 365)

- Excavate a soakage trail pit to the required depth (typically 1.0m - 2.0m deep) using minimum width (0.3m) and length (1.0m). Carefully trim sides and bottom.
- Carefully measure size of pit and note sizes below.
- Fill soakage hole briskly with water (from bowser) to at least three quarters full. Being careful not to wash away the sides. (Note: a 0.3m wide, 1m long, 1.5m deep trench needs at least 350 litres (80 gallons) of water)
- Place straight edge over top of soakage pit and measure (dip) to the top of the water.
- Record time versus dips in table below. Dip every 5 minutes for the first hour and every hour until pit is one quarter full. Repeat test 3 times in total on the same or consecutive days.

DETAILS

Site Location	Taylors Farm
Date of Test	01/02/24
Weather Conditions	Dry - Winter
Engineer Name	Rob Thacker

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Test Pit 1:

Test Pit Location: