

Percolation Report

For The Project At

Land off Lockwood Road and Albert Street, Lockwood,
Huddersfield, HD1 3QW

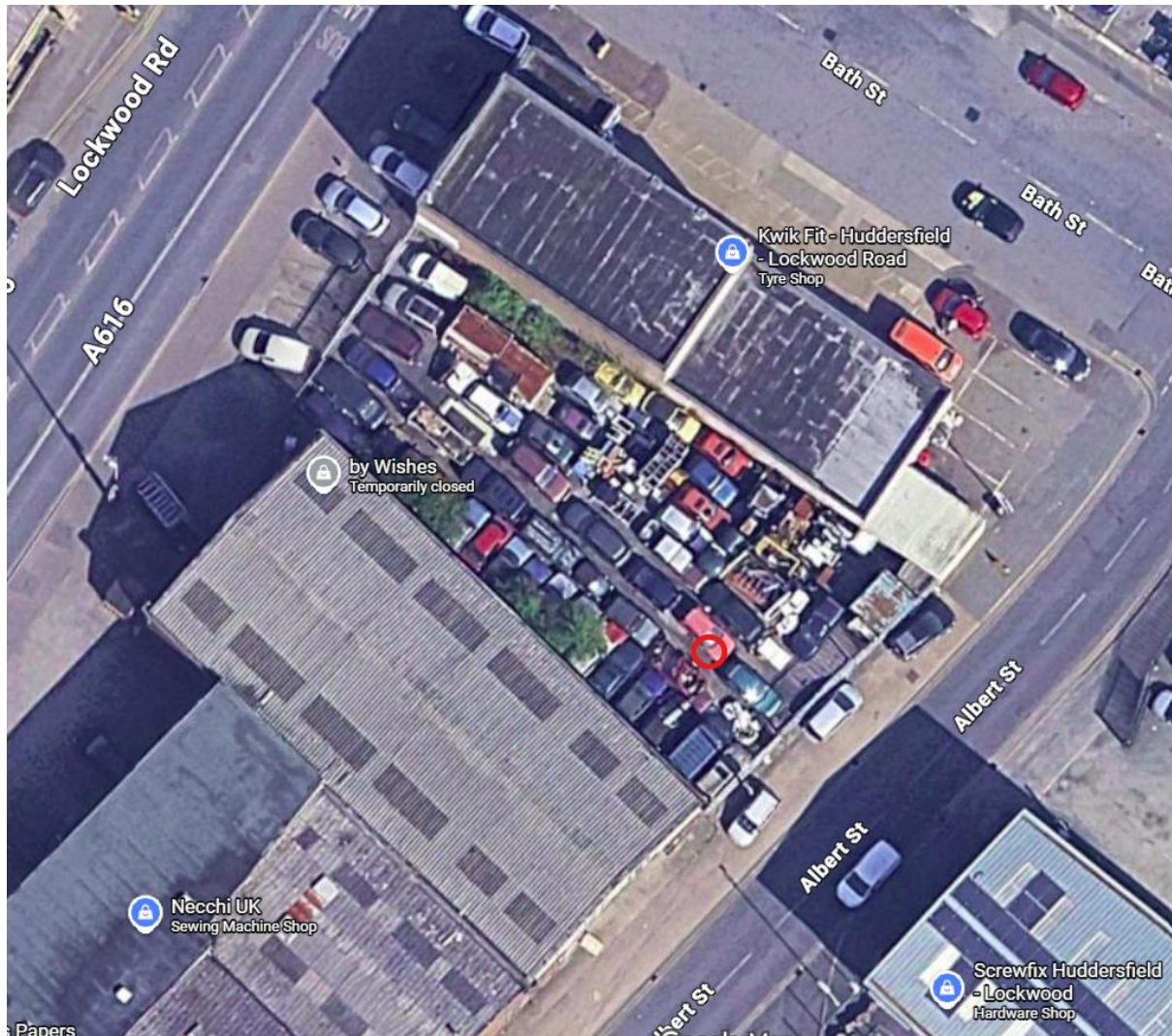
ISSUED BY	
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DATE OF ISSUE	1 st October 2026
Job No: KS1783	



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The Percolation Testing was carried out on site on 29th September 2026 to establish if infiltration methods were going to be a suitable solution for draining the site.

1 Trial Hole was formed with the following dimensions;

Test Pit 1 1200mm x 300mm x 1350mm deep

The water level drop was monitored and recorded (see test sheets attached).

For Test 1 (Test Pit 1), water was filled to a depth of 700mm, the water level dropped 10mm after 2 hours of testing.

During the testing period, the water level dropped 10mm within two hours of testing.

The test was abandoned after 2 hours.

Based on the results infiltration is not a viable option for the disposal of surface water drainage for this site.



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PERCOLATION TEST FORM

METHOD (from BRE Digest 365)

- Excavate a soakage trial 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	Land at Lockwood Road, Lockwood, Huddersfield
Date of Test	29/09/2026
Weather Conditions	Dry – Autumn
Engineer Name	Manjur Choudhury

SIZE OF PIT

Length	Width	Depth
1.2m	0.3m	1.35m

RESULTS

Time (mins)	Dip (mm)	Time (mins)	Dip (mm)	Time (mins)	Dip (mm)
0	700				
5	695				
10	695				
15	690				
20	690				
25	690				
30	690				
35	690				
40	690				
45	690				
50	690				
55	690				
60	690				
90	690				
120	690				

PERCOLATION TEST FORM
