



Compass Geotechnical

Geotechnical, Geoenvironmental and Civil Engineering Consultants

METHOD STATEMENT FOR DECOMMISSIONING MONITORING BOREHOLES AT HORSHAM OLD FIRE STATION, HURST ROAD, HORSHAM, RH12 2DN

Report No: 26 3128DMS

June 2026

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**METHOD STATEMENT FOR DECOMMISSIONING MONITORING BOREHOLES AT HORSHAM
OLD FIRE STATION, HURST ROAD, HORSHAM, RH12 2DN**

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**METHOD STATEMENT FOR DECOMMISSIONING MONITORING BOREHOLES AT HORSHAM
OLD FIRE STATION, HURST ROAD, HORSHAM, RH12 2DN**

1. INTRODUCTION AND OBJECTIVES

- 1.1 The purpose of this report is to provide a methodology and to set down the sequential operations proposed to decommission monitoring points installed at Horsham Old Fire Station, Hurst Road, Horsham, RH12 2DN as part of the development of the site. This report has been prepared on instructions given by the Client, Client EQ Care Horsham Limited (46 Curzon Street, London, W1J 7UH
- 1.2 Monitoring points had been installed at the site to monitor groundwater levels and ground gases. A plan showing the location of the existing installations is presented in Figure 2, Appendix (i).
- 1.3 The proposals presented in this report are to remove any potential direct pathways between the surface of the site and the groundwater to prevent the migration of potential contaminants to the groundwater during the redevelopment of the site as a care home.

2. DETAILS OF INSTALLATIONS

- 2.1 Table 2.1 below summarises the details of the monitoring points installed at the site. Currently there are no proposals to retain any of these positions for future groundwater monitoring.

Table 2 Summary of Installation Details

Location	Total Depth (m bgl)	Bentonite Seal Depth (m bgl)	Response Zone Depth (m bgl)	Monitoring Purpose
WS2	2.88	0.00 – 1.00	1.00 – 2.88	Gas
WS3	3.60	0.00 – 1.00	1.00 – 3.60	Gas
WS5	2.92	0.00 – 1.00	1.00 – 2.92	Gas
BHA	12.80	0.00 – 1.00	1.00 – 12.80	Gas and groundwater
BHB	11.40	0.00 – 1.00	1.00 – 11.40	Gas and groundwater

- 2.2 The location of the existing monitoring points is shown in Figure 2, Appendix (i).

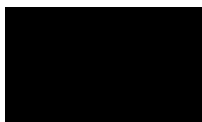


3. DECOMMISSIONING OF INSTALLATIONS

- 3.1 The position of each of the monitoring points will be located on site and the lockable cover broken out and removed.
- 3.2 At each location the existing installation will be drilled out using a continuous flight auger drilling system to remove the pipe, bentonite seal and pea gravel surround. The auger holes will be drilled to the full depth of the installation to ensure all pipe and materials are removed.
- 3.3 The arisings will be bagged up or placed directly in a skip for removal from site.
- 3.4 The open holes will be backfilled and sealed with bentonite pellets to prevent downward migration of any surface water or contaminants.
- 3.5 The drillers will record the depth drilled at each location, details of the materials removed, and the amount of bentonite used to backfill each hole. The information will be included in the validation report (see Section 4).
- 3.6 Should it not be possible to drill out the full depth of any of the installations efforts should be made to drill as deep as possible prior to backfilling. The depth achieved will be recorded along with any other pertinent information, including reasons for the incomplete removal of any installation.

4. CERTIFICATION OF WORKS

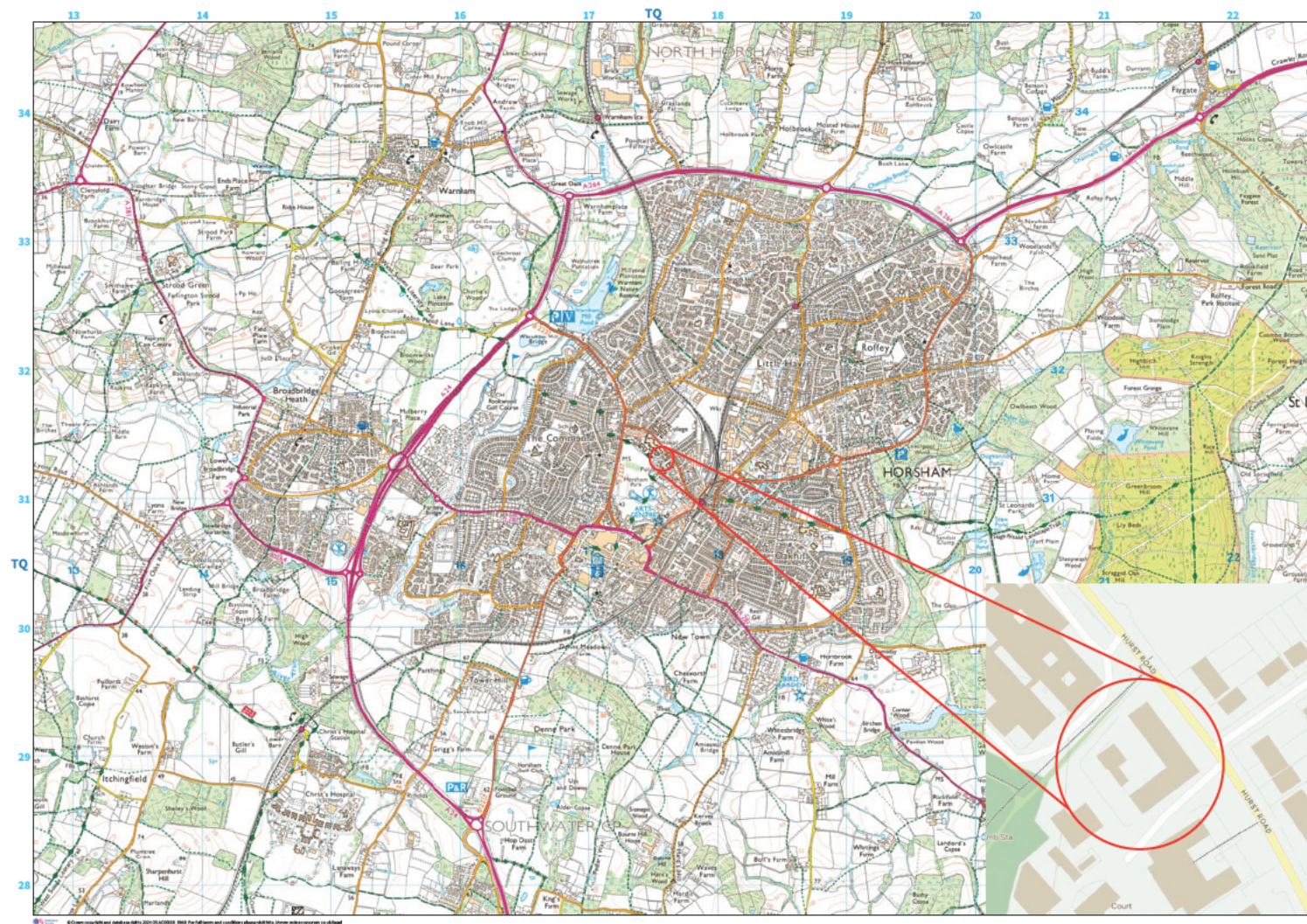
- 4.1 The decommissioning works will be inspected and overseen by a suitably qualified and experienced independent Engineer from Compass Geotechnical Limited.
- 4.2 On completion of the works a validation report will be compiled by Compass Geotechnical Limited for submission to the local authority. The validation report should include the following information:
 - The sequence of operations undertaken in decommissioning the installations.
 - Records of inspections undertaken.
 - Records of materials drilled out and the depths achieved.
 - The amount of bentonite used to backfill each of the holes.
 - Photographic record.
 - Details of all other matters that come to light during the works.
 - A statement that the decommissioning works have been carried out to the desired standard.



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Appendix (i) Figures

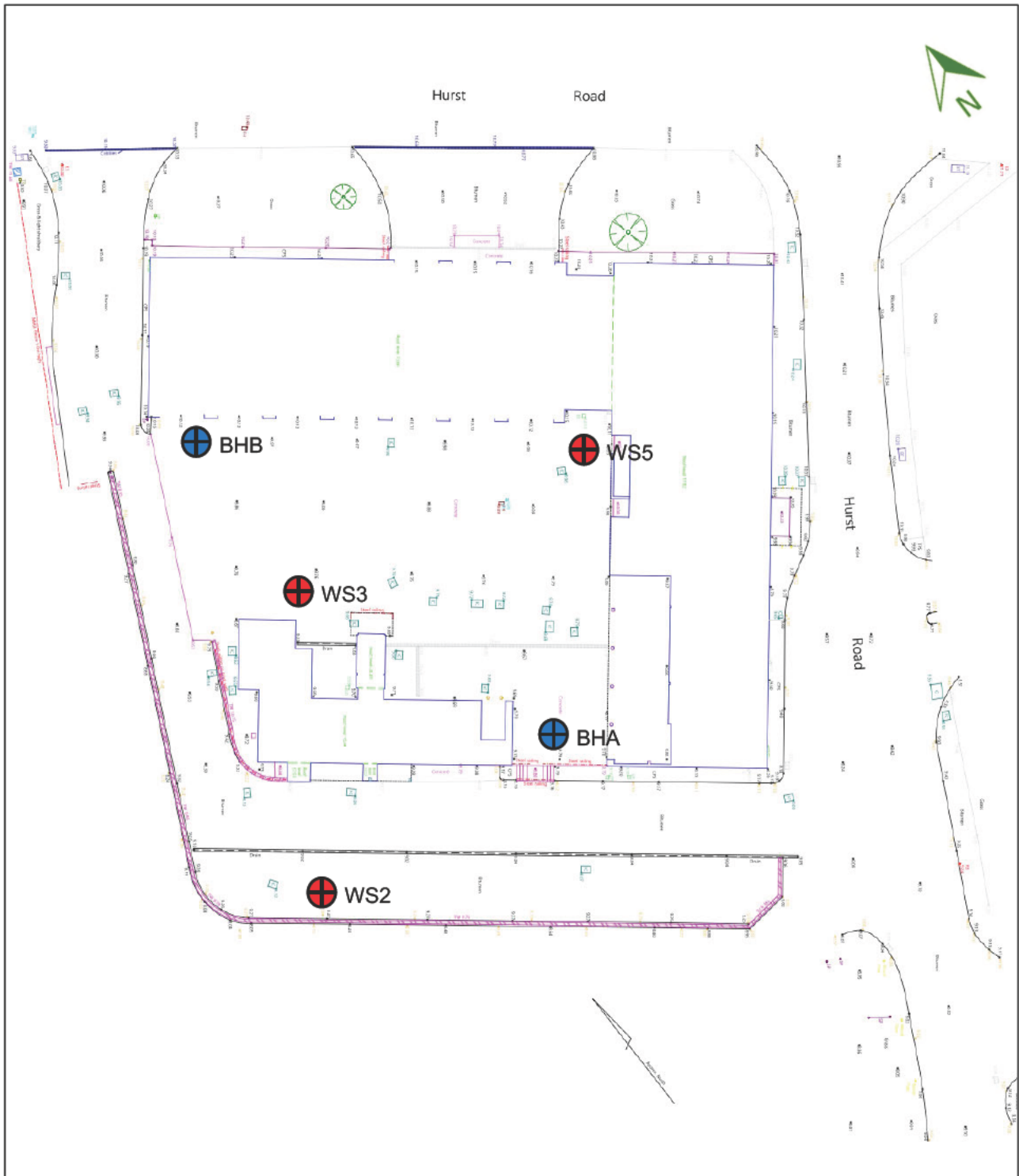


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Figure 1	Site Location Plan
Date	September 2025
Not to Scale	

Method Statement for Decommissioning Monitoring
Boreholes at Horsham Old Fire Station, Hurst Road,
Horsham, RH12 2DN



Extract from Ridgeway Surveys Topographical Survey.
Drawing No 18024-TP-01 Dated September 2024

Figure 2

Location of Installations

Date

September 2025

Not to Scale



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