

Mitchell Garrington  
Redrow Homes  
Faraday Office Park  
Basingstoke  
Hampshire  
RG24 8QQ

CAT/RAN/ME/44161-010

15 November 2021

## Windmill Views, Barnham

Dear Mitchell,

We write to report on the verification of the capping placed in the gardens of plots 9 to 13 and 47 to 48 at the above site. Eastwood & Partners produced a letter (ref 44161/005, dated 22 September 2020) summarising the remedial requirements for the site following the identification of glass fragments in the topsoil. This letter states that a 450 mm layer of clean soil is required in garden areas over any unsuitable soil (currently deemed to affect plots 3-4, 6-7, 9-15, 33-42 and 47-49), with a geotextile marker layer the base. Asbestos fragments were then later identified in the eastern area of the site and it was recommended that plots in the affected area (plots 12 to 15) should have the capping thickness increased to 600 mm with an anti-dig layer at the base.

## Verification of Capping Thickness

We visited site and excavated three verification pits in the rear gardens of plot 9, 12 and 48 on 15 November 2021. Photographs of the verification pits are enclosed. The following materials were encountered:

| Plot | Description                                                                                                                                                                      | Thickness (mm) | Total Depth (mm) |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| 9    | TOPSOIL: Dark brown slightly clayey, slightly gravelly sand. Gravel is fine to medium, sub-rounded to rounded of wood fragments and occasional sandstone.                        | 250            | 600              |
|      | SUBSOIL: Brown/orange slightly gravelly CLAY. Gravel is fine to coarse, sub-rounded to sub-angular of flint with rare brick fragments. Black geotextile marker membrane at base. | 350            |                  |
| 12   | TOPSOIL: Dark brown slightly clayey, slightly gravelly sand. Gravel is fine to medium, sub-rounded to rounded of wood fragments and occasional sandstone.                        | 400            | 800              |
|      | SUBSOIL: Brown/orange slightly gravelly CLAY. Gravel is fine to coarse, sub-rounded to sub-angular of flint with rare brick fragments. Black geotextile marker membrane at base. | 400            |                  |

**Directors:** P Richardson BSc CEng MICE F1StructE S R Ellis BEng CEng M1StructE MICE C A Topliss BSc CEnv CSci CGeol SiLC MICE FGS  
S J English BEng CEng M1StructE A R Priest BEng A G Marshall BEng CEng M1StructE  
**Technical Directors:** A Allison BEng M P Chappell BEng IEng AM1StructE K Edwards MSc CGeol FGS  
P A Harrison BEng CEng M1StructE C Hodge EngTech MICE A J Kerslake BEng FGS  
**Senior Associates:** S J Mitchell BSc MSc CEng MEI MCIBSE MASHRAE  
C A Wood BSc, CEng, M1StructE, MICE M Dyson BSc CEng M1StructE  
**Associates:** A M Cross MEng CEng MICE A Lavelle MEng CEng MICE S R Jackson MEng CEng M1StructE R A Noble BSc FGS  
**Consultants:** S D Preston BEng CEng FICE F1StructE K R Pursall BEng CEng M1StructE

| Plot | Description                                                                                                                                                                             | Thickness (mm) | Total Depth (mm) |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------------|
| 48   | TOPSOIL: Dark brown slightly clayey, slightly gravelly sand. Gravel is fine to medium, sub-rounded to rounded of wood fragments and occasional sandstone.                               | 600            | 750              |
|      | SUBSOIL: Brown/orange slightly gravelly CLAY. Gravel is fine to coarse, sub-rounded to sub-angular of flint with rare brick fragments.<br><br>Black geotextile marker membrane at base. | 150            |                  |

The required minimum capping thickness has therefore been achieved.

### Capping Material – Topsoil

We have been informed that the topsoil used in the capping layer was imported from The Woodhorn Group's Tangmere Composting Site. Import tickets for five loads of topsoil from The Woodhorn Group dated 11 October are enclosed.

The material is a manufactured topsoil and was supplied with certification undertaken by Tim O'Hare Associates LLP in their letter referenced TOHA/20/7135/SS, dated 26 August 2021. This letter reports the results of the testing of one sample of topsoil from the Tangmere Composting Site. It includes details of the chemical and physical properties of the topsoil and the results indicate that the material is suitable for re-use as multipurpose topsoil which will not pose a risk to human health.

A sample of the topsoil was also collected from the verification pit of plot 49 during a previous site visit. This was dispatched to the chemical testing laboratory and tested for a generic suite of common contaminants. A copy of the results (Chemtest 21-34181) is enclosed. These demonstrate that all determinants were recorded below the relevant assessment concentrations and the material is suitable to remain in place.

It is therefore considered that this demonstrates that the soil placed in plots 9 to 13 and 47 to 48 is both chemically and physically suitable.

### Capping Material – Subsoil

The subsoil used in the capping layer was site won material. No elevated levels of contaminants were identified during previous rounds of investigation. The natural site-won subsoil was therefore considered suitable for re-use and no further testing of this material was considered necessary.

### Conclusion

The material used in the capping is considered to be physically and chemically suitable for use in a residential setting. The capping thickness encountered is also considered to be

sufficient and in accordance with the Remediation Strategy. The capping placed in the garden of plots 9 to 13 and 47 to 48 is therefore considered to be satisfactory.

Yours sincerely



**Ruth Noble**

Associate

Enc.            Verification pit photographs  
                 Import tickets  
                 Tim O'Hare Associates 'Topsoil Analysis Report' ref TOHA/21/7135/SS  
                 Chemtest report 21-34181



Verification pit – Plot 9



Capping depth – plot 9 (600 mm)



Rear garden – plot 9



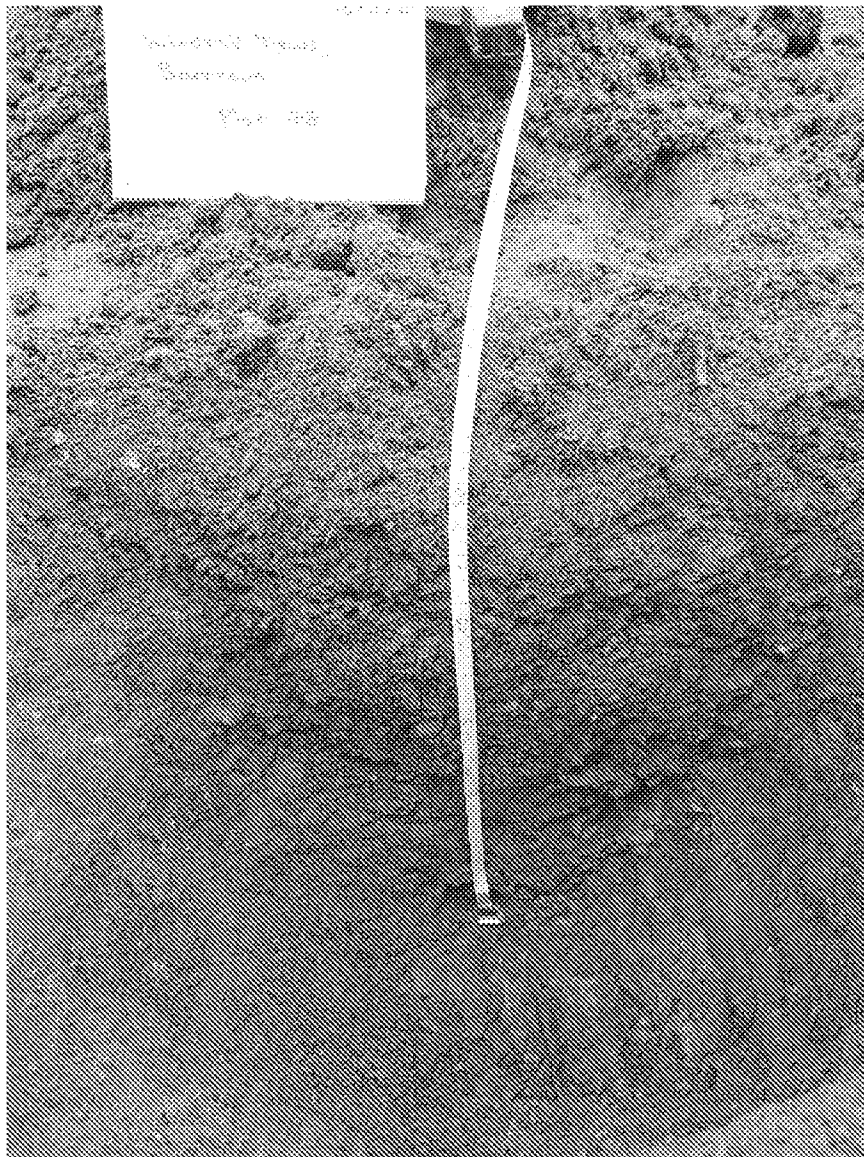
Verification pit – plot 12



Capping depth – plot 12 (800 mm)



Rear Garden – Plot 12



Verification pit – plot 48



Capping depth – plot 48 (600 mm)



Rear Garden – plot 48

## Dispatch Note

**Bill/Sold To:**

**Blaze Construction Ltd**  
93 Leigh Road  
Hampshire  
Eastleigh  
SO50 9DQ

**Job Site/Ship To:**

Blaze Construction Ltd  
Redrow Homes  
Blaze Site  
Yapton Road  
BARNHAM  
po22 0ay

|           |         |                     |         |     |
|-----------|---------|---------------------|---------|-----|
| Quote No. | Job No. | Salesperson         | Manager | Ref |
| 49232     | 67524   | -No Sales Employee- |         |     |

| DESCRIPTION | QTY / UNIT | UNIT PRICE | EXTENDED PRICE |
|-------------|------------|------------|----------------|
|-------------|------------|------------|----------------|

**13/10/2021**

## Container

8 Wheel Tipper

1.00 /

**Product**

Topsoil BS3882 (20MM)

18.40 / Tonnes

Company Representative (signature)

Company Registration Number: 3629015

Company VAT Number: 816160744



## Dispatch Note

## Bill/Sold To:

Blaze Construction Ltd  
93 Leigh Road  
Hampshire  
Eastleigh  
SO50 9DQ

## Job Site/Ship To:

Blaze Construction Ltd  
Redrow Homes  
Blaze Site  
Yapton Road  
BARNHAM  
po22 0ay

| Quote No. | Job No. | Salesperson         | Manager | Ref |
|-----------|---------|---------------------|---------|-----|
| 49234     | 67527   | -No Sales Employee- |         |     |

| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | QTY / UNIT     | UNIT PRICE | EXTENDED PRICE |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|------------|----------------|
| 13/10/2021                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                |            |                |
| Container                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                |            |                |
| 8 Wheel Tipper                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1.00 /         |            |                |
| Product                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                |            |                |
| Topsoil BS3882 (20MM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18.90 / Tonnes |            |                |
| <br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br><br> |                |            |                |



## Dispatch Note

## Bill/Sold To:

Blaze Construction Ltd  
93 Leigh Road  
Hampshire  
Eastleigh  
SO50 9DQ

## Job Site/Ship To:

Blaze Construction Ltd  
Redrow Homes  
Blaze Site  
Yapton Road  
BARNHAM  
po22 0ay

| Quote No. | Job No. | Salesperson         | Manager | Ref |
|-----------|---------|---------------------|---------|-----|
| 49236     | 67529   | -No Sales Employee- |         |     |

| DESCRIPTION                          | QTY / UNIT     | UNIT PRICE                    | EXTENDED PRICE |
|--------------------------------------|----------------|-------------------------------|----------------|
| 13/10/2021                           |                |                               |                |
| Container                            |                |                               |                |
| 8 Wheel Tipper                       | 1.00 /         |                               |                |
| Product                              |                |                               |                |
| Topsoil BS3882 (20MM)                | 18.52 / Tonnes |                               |                |
|                                      |                |                               | 88.25          |
| <hr/>                                |                |                               |                |
| Company Representative (signature)   |                |                               |                |
| <hr/>                                |                |                               |                |
| Company Registration Number: 3629015 |                | Company VAT Number: 816160744 |                |
| Page 5 of 5                          |                |                               |                |

# WEIGHBRIDGE TICKET

Ticket No. DO712050

---

## WOODHORN GROUP Ltd

### Tangmere Composting Facility

City Fields Industrial Estate

Tangmere

West Sussex

PO20 2FP

EA Permit No:EPR/DB3703HG

Company Reg No.3629015

VAT No.816160744

SIC Code: 38210

Waste Carrier Licence no: CBDU162145

---

|             |                                                             |    |      |
|-------------|-------------------------------------------------------------|----|------|
| Time In     | 08:00                                                       |    |      |
| Date In     | 13/10/2021                                                  |    |      |
| Time Out    | 08:17                                                       |    |      |
| Date Out    | 13/10/2021                                                  |    |      |
| Vehicle     | V9TJT                                                       |    |      |
| Carrier     | TJ Transport Ltd                                            |    |      |
| License No. |                                                             |    |      |
| Client      | Blaze Construction Ltd                                      |    |      |
| Address     | Blaze Site, Yapton Road,<br>BARNHAM, po22 0ay, SIC<br>Code: |    |      |
| Permit      |                                                             |    |      |
| Zone        | F8                                                          |    |      |
| Product     | Topsoil BS3882 (20MM)                                       |    |      |
| EWC Code    |                                                             |    |      |
| 1st Weight: | 12,760.00                                                   | Kg | NONE |
| 2nd Weight: | 31,160.00                                                   | Kg | NONE |
| Net Weight: | 18,400.00                                                   | Kg |      |

Signature waste depositer

Signature waste receiver



# WEIGHBRIDGE TICKET

Ticket No. DO712066

---

## WOODHORN GROUP Ltd

### Tangmere Composting Facility

City Fields Industrial Estate

Tangmere

West Sussex

PO20 2FP

EA Permit No:EPR/DB3703HG

Company Reg No.3629015

VAT No.816160744

SIC Code: 38210

Waste Carrier Licence no: CBDU162145

---

|             |                                                             |
|-------------|-------------------------------------------------------------|
| Time In     | 09:26                                                       |
| Date In     | 13/10/2021                                                  |
| Time Out    | 09:37                                                       |
| Date Out    | 13/10/2021                                                  |
| Vehicle     | V9TJT                                                       |
| Carrier     | TJ Transport Ltd                                            |
| License No. |                                                             |
| Client      | Blaze Construction Ltd                                      |
| Address     | Blaze Site, Yapton Road,<br>BARNHAM, po22 0ay, SIC<br>Code: |
| Permit      |                                                             |
| Zone        | F8                                                          |
| Product     | Topsoil BS3882 (20MM)                                       |
| EWC Code    |                                                             |
| 1st Weight: | 12,760.00 Kg NONE                                           |
| 2nd Weight: | 32,180.00 Kg NONE                                           |
| Net Weight: | 19,420.00 Kg                                                |

Signature waste depositer

Signature waste receiver



# WEIGHBRIDGE TICKET

Ticket No. DO712079

---

## WOODHORN GROUP Ltd

### Tangmere Composting Facility

City Fields Industrial Estate

Tangmere

West Sussex

PO20 2FP

EA Permit No:EPR/DB3703HG

Company Reg No.3629015

VAT No.816160744

SIC Code: 38210

Waste Carrier Licence no: CBDU162145

---

|             |                                                             |
|-------------|-------------------------------------------------------------|
| Time In     | 10:30                                                       |
| Date In     | 13/10/2021                                                  |
| Time Out    | 10:43                                                       |
| Date Out    | 13/10/2021                                                  |
| Vehicle     | V9TJT                                                       |
| Carrier     | TJ Transport Ltd                                            |
| License No. |                                                             |
| Client      | Blaze Construction Ltd                                      |
| Address     | Blaze Site, Yapton Road,<br>BARNHAM, po22 0ay, SIC<br>Code: |
| Permit      |                                                             |
| Zone        | F8                                                          |
| Product     | Topsoil BS3882 (20MM)                                       |
| EWC Code    |                                                             |
| 1st Weight: | 12,760.00 Kg NONE                                           |
| 2nd Weight: | 31,660.00 Kg NONE                                           |
| Net Weight: | 18,900.00 Kg                                                |

Signature waste depositer

Signature waste receiver



# WEIGHBRIDGE TICKET

Ticket No. DO712093

---

## WOODHORN GROUP Ltd

### Tangmere Composting Facility

City Fields Industrial Estate

Tangmere

West Sussex

PO20 2FP

EA Permit No:EPR/DB3703HG

Company Reg No.3629015

VAT No.816160744

SIC Code: 38210

Waste Carrier Licence no: CBDU162145

---

|             |                                                             |
|-------------|-------------------------------------------------------------|
| Time In     | 11:39                                                       |
| Date In     | 13/10/2021                                                  |
| Time Out    | 11:51                                                       |
| Date Out    | 13/10/2021                                                  |
| Vehicle     | V9TJT                                                       |
| Carrier     | TJ Transport Ltd                                            |
| License No. |                                                             |
| Client      | Blaze Construction Ltd                                      |
| Address     | Blaze Site, Yapton Road,<br>BARNHAM, po22 0ay, SIC<br>Code: |
| Permit      |                                                             |
| Zone        | F8                                                          |
| Product     | Topsoil BS3882 (20MM)                                       |
| EWC Code    |                                                             |
| 1st Weight: | 12,740.00 Kg NONE                                           |
| 2nd Weight: | 32,320.00 Kg NONE                                           |
| Net Weight: | 19,580.00 Kg                                                |

Signature waste depositer

Signature waste receiver



# WEIGHBRIDGE TICKET

Ticket No. DO712111

---

## WOODHORN GROUP Ltd

### Tangmere Composting Facility

City Fields Industrial Estate

Tangmere

West Sussex

PO20 2FP

EA Permit No:EPR/DB3703HG

Company Reg No.3629015

VAT No.816160744

SIC Code: 38210

Waste Carrier Licence no: CBDU162145

---

|             |                                                             |
|-------------|-------------------------------------------------------------|
| Time In     | 13:30                                                       |
| Date In     | 13/10/2021                                                  |
| Time Out    | 13:40                                                       |
| Date Out    | 13/10/2021                                                  |
| Vehicle     | V9TJT                                                       |
| Carrier     | TJ Transport Ltd                                            |
| License No. |                                                             |
| Client      | Blaze Construction Ltd                                      |
| Address     | Blaze Site, Yapton Road,<br>BARNHAM, po22 0ay, SIC<br>Code: |
| Permit      |                                                             |
| Zone        | F8                                                          |
| Product     | Topsoil BS3882 (20MM)                                       |
| EWC Code    |                                                             |
| 1st Weight: | 12,740.00 Kg NONE                                           |
| 2nd Weight: | 31,260.00 Kg NONE                                           |
| Net Weight: | 18,520.00 Kg                                                |

Signature waste depositer

Signature waste receiver



# Final Report

**Report No.:** 21-34181-1  
**Initial Date of Issue:** 07-Oct-2021  
**Client** Eastwood & Partners  
**Client Address:** St. Andrews House  
23 Kingfield Road  
Sheffield  
South Yorkshire  
S11 9AS  
**Contact(s):** Geo  
Ruth Noble  
**Project** 44161 Windmill Views, Barnham  
**Quotation No.:**  
**Order No.:** 44161/04  
**No. of Samples:** 1  
**Turnaround (Wkdays):** 5  
**Date Approved:** 07-Oct-2021

**Date Received:** 29-Sep-2021  
**Date Instructed:** 01-Oct-2021  
**Results Due:** 07-Oct-2021

**Approved By:**

**Details:** Glynn Harvey, Technical Manager

## Results - Soil

### Project: 44161 Windmill Views, Barnham

| Client: Eastwood & Partners | Chemtest Job No.:    |      | 21-34181    |       |                      |
|-----------------------------|----------------------|------|-------------|-------|----------------------|
| Quotation No.:              | Chemtest Sample ID.: |      | 1290260     |       |                      |
|                             | Sample Location:     |      | Plot 49     |       |                      |
|                             | Sample Type:         |      | SOIL        |       |                      |
|                             | Top Depth (m):       |      | 0.10        |       |                      |
|                             | Date Sampled:        |      | 24-Sep-2021 |       |                      |
|                             | Asbestos Lab:        |      | DURHAM      |       |                      |
| Determinand                 | Accred.              | SOP  | Units       | LOD   |                      |
| ACM Type                    | U                    | 2192 |             | N/A   | -                    |
| Asbestos Identification     | U                    | 2192 |             | N/A   | No Asbestos Detected |
| Moisture                    | N                    | 2030 | %           | 0.020 | 20                   |
| Soil Colour                 | N                    | 2040 |             | N/A   | Brown                |
| Other Material              | N                    | 2040 |             | N/A   | Stones               |
| Soil Texture                | N                    | 2040 |             | N/A   | Sand                 |
| pH                          | M                    | 2010 |             | 4.0   | 8.2                  |
| Arsenic                     | M                    | 2450 | mg/kg       | 1.0   | 5.8                  |
| Cadmium                     | M                    | 2450 | mg/kg       | 0.10  | 0.18                 |
| Chromium                    | M                    | 2450 | mg/kg       | 1.0   | 9.7                  |
| Copper                      | M                    | 2450 | mg/kg       | 0.50  | 14                   |
| Mercury                     | M                    | 2450 | mg/kg       | 0.10  | < 0.10               |
| Nickel                      | M                    | 2450 | mg/kg       | 0.50  | 10                   |
| Lead                        | M                    | 2450 | mg/kg       | 0.50  | 22                   |
| Selenium                    | M                    | 2450 | mg/kg       | 0.20  | < 0.20               |
| Zinc                        | M                    | 2450 | mg/kg       | 0.50  | 51                   |
| Chromium (Hexavalent)       | N                    | 2490 | mg/kg       | 0.50  | < 0.50               |
| Naphthalene                 | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Acenaphthylene              | N                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Acenaphthene                | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Fluorene                    | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Phenanthrene                | M                    | 2800 | mg/kg       | 0.10  | 0.11                 |
| Anthracene                  | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Fluoranthene                | M                    | 2800 | mg/kg       | 0.10  | 0.26                 |
| Pyrene                      | M                    | 2800 | mg/kg       | 0.10  | 0.19                 |
| Benzo[a]anthracene          | M                    | 2800 | mg/kg       | 0.10  | 0.17                 |
| Chrysene                    | M                    | 2800 | mg/kg       | 0.10  | 0.14                 |
| Benzo[b]fluoranthene        | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Benzo[k]fluoranthene        | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Benzo[a]pyrene              | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Indeno(1,2,3-c,d)Pyrene     | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Dibenz(a,h)Anthracene       | N                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Benzo[g,h,i]perylene        | M                    | 2800 | mg/kg       | 0.10  | < 0.10               |
| Total Of 16 PAH's           | N                    | 2800 | mg/kg       | 2.0   | < 2.0                |

## Test Methods

| SOP  | Title                                                              | Parameters included                                                                                                                                                                                                                                                        | Method summary                                                                                                                                                                         |
|------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2010 | pH Value of Soils                                                  | pH                                                                                                                                                                                                                                                                         | pH Meter                                                                                                                                                                               |
| 2030 | Moisture and Stone Content of Soils(Requirement of MCERTS)         | Moisture content                                                                                                                                                                                                                                                           | Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.                                                                                   |
| 2040 | Soil Description(Requirement of MCERTS)                            | Soil description                                                                                                                                                                                                                                                           | As received soil is described based upon BS5930                                                                                                                                        |
| 2120 | Water Soluble Boron, Sulphate, Magnesium & Chromium                | Boron; Sulphate; Magnesium; Chromium                                                                                                                                                                                                                                       | Aqueous extraction / ICP-OES                                                                                                                                                           |
| 2192 | Asbestos                                                           | Asbestos                                                                                                                                                                                                                                                                   | Polarised light microscopy / Gravimetry                                                                                                                                                |
| 2450 | Acid Soluble Metals in Soils                                       | Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc                                                                                                                   | Acid digestion followed by determination of metals in extract by ICP-MS.                                                                                                               |
| 2490 | Hexavalent Chromium in Soils                                       | Chromium [VI]                                                                                                                                                                                                                                                              | Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide. |
| 2800 | Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS | Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenzo[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene* | Dichloromethane extraction / GC-MS                                                                                                                                                     |

## **Report Information**

### **Key**

---

|     |                                                                                                               |
|-----|---------------------------------------------------------------------------------------------------------------|
| U   | UKAS accredited                                                                                               |
| M   | MCERTS and UKAS accredited                                                                                    |
| N   | Unaccredited                                                                                                  |
| S   | This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis     |
| SN  | This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis |
| T   | This analysis has been subcontracted to an unaccredited laboratory                                            |
| I/S | Insufficient Sample                                                                                           |
| U/S | Unsuitable Sample                                                                                             |
| N/E | not evaluated                                                                                                 |
| <   | "less than"                                                                                                   |
| >   | "greater than"                                                                                                |
| SOP | Standard operating procedure                                                                                  |
| LOD | Limit of detection                                                                                            |

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

The following tests were analysed on samples as received and the results subsequently corrected to a dry weight basis TPH, BTEX, VOCs, SVOCs, PCBs, Phenols

For all other tests the samples were dried at < 37°C prior to analysis

All Asbestos testing is performed at the indicated laboratory

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1

### **Sample Deviation Codes**

---

- A - Date of sampling not supplied
- B - Sample age exceeds stability time (sampling to extraction)
- C - Sample not received in appropriate containers
- D - Broken Container
- E - Insufficient Sample (Applies to LOI in Trommel Fines Only)

### **Sample Retention and Disposal**

---

All soil samples will be retained for a period of 30 days from the date of receipt

All water samples will be retained for 14 days from the date of receipt

Charges may apply to extended sample storage

If you require extended retention of samples, please email your requirements to:

