DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate						
DETS Report No: 18-83482	Date Sampled	09/10/18	09/10/18	09/10/18		
Ridge	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Kingsclere Avenue	TP / BH No	S1	S2	S3		
Project / Job Ref: 5006015	Additional Refs	Stockpile	Stockpile	Stockpile		
Order No: 5006015-815	Depth (m)	None Supplied	None Supplied	None Supplied		
Reporting Date: 17/10/2018	DETS Sample No	365620	365621	365622		

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected	Not Detected		
pH	pH Units	N/a	MCERTS	6.9	6.5	6.5		
Total Cyanide	mg/kg	< 2	NONE	< 2	< 2	< 2		
Organic Matter	%	< 0.1	MCERTS	1.7	3.3	3.2		
Arsenic (As)	mg/kg	< 2	MCERTS	6	5	6		
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	< 0.2	< 0.2		
Chromium (Cr)	mg/kg	< 2	MCERTS	17	17	16		
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2		
Copper (Cu)	mg/kg	< 4	MCERTS	10	9	10		
Lead (Pb)	mg/kg	< 3	MCERTS	25	27	29		
Mercury (Hg)	mg/kg	< 1	NONE	< 1	< 1	< 1		
Nickel (Ni)	mg/kg	< 3	MCERTS	6	5	5		
Selenium (Se)	mg/kg	< 3	NONE	< 3	< 3	< 3		
Zinc (Zn)	mg/kg	< 3	MCERTS	50	50	52		
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2	< 2		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C
Subcontracted analysis (S)

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

MCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 4480

Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 18-83482	Date Sampled	09/10/18	09/10/18	09/10/18		
Ridge	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Kingsclere Avenue	TP / BH No	S1	S2	S3		
Project / Job Ref: 5006015	Additional Refs	Stockpile	Stockpile	Stockpile		
Order No: 5006015-815	Depth (m)	None Supplied	None Supplied	None Supplied		
Reporting Date: 17/10/2018	DETS Sample No	365620	365621	365622		

Determinand	Unit	RL	Accreditation				
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.18	
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.18	
Fluoranthene	mg/kg	< 0.1	MCERTS	0.26	0.24	0.54	
Pyrene	mg/kg	< 0.1	MCERTS	0.25	0.23	0.48	
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.48	0.45	0.60	
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.18	
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.30	0.26	0.48	
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.15	
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.21	< 0.1	0.33	
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.43	
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.18	< 0.1	0.25	
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	1.7	< 1.6	3.8	

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

MCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 4480

Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 18-83482	**Date Sampled**	09/10/18	09/10/18	09/10/18		
Ridge	**Time Sampled**	None Supplied	None Supplied	None Supplied		
Site Reference: Kingsclere Avenue	**TP / BH No**	S1	S2	S3		
Project / Job Ref: 5006015	**Additional Refs**	Stockpile	Stockpile	Stockpile		
Order No: 5006015-815	**Depth (m)**	None Supplied	None Supplied	None Supplied		
Reporting Date: 17/10/2018	**DETS Sample No**	365620	365621	365622		

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01		
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05		
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3		
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3		
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10	< 10		
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21	< 21		
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01		
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05		
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2		
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3		
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	< 10	< 10		
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21	< 21		
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42	< 42		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - BTEX / MTBE						
DETS Report No: 18-83482	Date Sampled	09/10/18	09/10/18	09/10/18		
Ridge	Time Sampled	None Supplied	None Supplied	None Supplied		
Site Reference: Kingsclere Avenue	TP / BH No	S1	S2	S3		
Project / Job Ref: 5006015	Additional Refs	Stockpile	Stockpile	Stockpile		
Order No: 5006015-815	Depth (m)	None Supplied	None Supplied	None Supplied		
Reporting Date: 17/10/2018	DETS Sample No	365620	365621	365622		

Determinand	Unit	RL	Accreditation					
Benzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2		
Toluene	ug/kg	< 5	MCERTS	< 5	< 5	< 5		
Ethylbenzene	ug/kg	< 2	MCERTS	< 2	< 2	< 2		
p & m-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2		
o-xylene	ug/kg	< 2	MCERTS	< 2	< 2	< 2		
MTBE	ug/kg	< 5	MCERTS	< 5	< 5	< 5		

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - Sample Descriptions
DETS Report No: 18-83482
Ridge
Site Reference: Kingsclere Avenue
Project / Job Ref: 5006015
Order No: 5006015-815
Reporting Date: 17/10/2018

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
365620	S1	Stockpile	None Supplied	14.7	Brown sandy clay with vegetation
365621	S2	Stockpile	None Supplied	11.3	Brown sandy clay with vegetation
365622	S3	Stockpile	None Supplied	6.7	Brown sandy clay with vegetation

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample I/S

Unsuitable Sample U/S

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

MCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 4480

Soil Analysis Certificate - Methodology & Miscellaneous Information
DETS Report No: 18-83482
Ridge
Site Reference: Kingsclere Avenue
Project / Job Ref: 5006015
Order No: 5006015-815
Reporting Date: 17/10/2018

Matrix	Analysed On	Determinand	Brief Method Description	Method No
Soil	D	Boron - Water Soluble	Determination of water soluble boron in soil by 2:1 hot water extract followed by ICP-OES	E012
Soil	AR	BTEX	Determination of BTEX by headspace GC-MS	E001
Soil	D	Cations	Determination of cations in soil by aqua-regia digestion followed by ICP-OES	E002
Soil	D	Chloride - Water Soluble (2:1)	Determination of chloride by extraction with water & analysed by ion chromatography	E009
Soil	AR	Chromium - Hexavalent	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphenylcarbazide followed by colorimetry	E016
Soil	AR	Cyanide - Complex	Determination of complex cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Free	Determination of free cyanide by distillation followed by colorimetry	E015
Soil	AR	Cyanide - Total	Determination of total cyanide by distillation followed by colorimetry	E015
Soil	D	Cyclohexane Extractable Matter (CEM)	Gravimetrically determined through extraction with cyclohexane	E011
Soil	AR	Diesel Range Organics (C10 - C24)	Determination of hexane/acetone extractable hydrocarbons by GC-FID	E004
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of saturated calcium sulphate followed by electrometric measurement	E022
Soil	AR	Electrical Conductivity	Determination of electrical conductivity by addition of water followed by electrometric measurement	E023
Soil	D	Elemental Sulphur	Determination of elemental sulphur by solvent extraction followed by GC-MS	E020
Soil	AR	EPH (C10 – C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH Product ID	Determination of acetone/hexane extractable hydrocarbons by GC-FID	E004
Soil	AR	EPH TEXAS (C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C40)	Determination of acetone/hexane extractable hydrocarbons by GC-FID for C8 to C40. C6 to C8 by headspace GC-MS	E004
Soil	D	Fluoride - Water Soluble	Determination of Fluoride by extraction with water & analysed by ion chromatography	E009
Soil	D	FOC (Fraction Organic Carbon)	Determination of fraction of organic carbon by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	D	Loss on Ignition @ 450oC	Determination of loss on ignition in soil by gravimetrically with the sample being ignited in a muffle furnace	E019
Soil	D	Magnesium - Water Soluble	Determination of water soluble magnesium by extraction with water followed by ICP-OES	E025
Soil	D	Metals	Determination of metals by aqua-regia digestion followed by ICP-OES	E002
Soil	AR	Mineral Oil (C10 - C40)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge	E004
Soil	AR	Moisture Content	Moisture content; determined gravimetrically	E003
Soil	D	Nitrate - Water Soluble (2:1)	Determination of nitrate by extraction with water & analysed by ion chromatography	E009
Soil	D	Organic Matter	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	PAH - Speciated (EPA 16)	Determination of PAH compounds by extraction in acetone and hexane followed by GC-MS with the use of surrogate and internal standards	E005
Soil	AR	PCB - 7 Congeners	Determination of PCB by extraction with acetone and hexane followed by GC-MS	E008
Soil	D	Petroleum Ether Extract (PEE)	Gravimetrically determined through extraction with petroleum ether	E011
Soil	AR	pH	Determination of pH by addition of water followed by electrometric measurement	E007
Soil	AR	Phenols - Total (monohydric)	Determination of phenols by distillation followed by colorimetry	E021
Soil	D	Phosphate - Water Soluble (2:1)	Determination of phosphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Total	Determination of total sulphate by extraction with 10% HCl followed by ICP-OES	E013
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of sulphate by extraction with water & analysed by ion chromatography	E009
Soil	D	Sulphate (as SO4) - Water Soluble (2:1)	Determination of water soluble sulphate by extraction with water followed by ICP-OES	E014
Soil	AR	Sulphide	Determination of sulphide by distillation followed by colorimetry	E018
Soil	D	Sulphur - Total	Determination of total sulphur by extraction with aqua-regia followed by ICP-OES	E024
Soil	AR	SVOC	Determination of semi-volatile organic compounds by extraction in acetone and hexane followed by GC-MS	E006
Soil	AR	Thiocyanate (as SCN)	Determination of thiocyanate by extraction in caustic soda followed by acidification followed by addition of ferric nitrate followed by colorimetry	E017
Soil	D	Toluene Extractable Matter (TEM)	Gravimetrically determined through extraction with toluene	E011
Soil	D	Total Organic Carbon (TOC)	Determination of organic matter by oxidising with potassium dichromate followed by titration with iron (II) sulphate	E010
Soil	AR	TPH CWG (ali: C5- C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C34, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C35. C5 to C8 by headspace GC-MS	E004
Soil	AR	TPH LQM (ali: C5-C6, C6-C8, C8-C10, C10-C12, C12-C16, C16-C35, C35-C44, aro: C5-C7, C7-C8, C8-C10, C10-C12, C12-C16, C16-C21, C21-C35, C35-C44)	Determination of hexane/acetone extractable hydrocarbons by GC-FID fractionating with SPE cartridge for C8 to C44. C5 to C8 by headspace GC-MS	E004
Soil	AR	VOCs	Determination of volatile organic compounds by headspace GC-MS	E001
Soil	AR	VPH (C6-C8 & C8-C10)	Determination of hydrocarbons C6-C8 by headspace GC-MS & C8-C10 by GC-FID	E001

D Dried
AR As Received

RIDGE

APPENDIX 4 – IMPORTED SOIL DOCUMENTATION

TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

6th September 2018
Our Ref: TOHA/18/7734/2/SS
Your Ref: 1418PPW

Dear Sirs

Topsoil Analysis Report: Parley – 15-20mm Enriched Soil

We have completed the analysis of the soil sample recently submitted, referenced *15-20mm Enriched Soil,* and have pleasure reporting our findings.

The purpose of the analysis was to determine the suitability of the sample for general landscape purposes (trees, shrubs, amenity grass). In addition, this sample has been assessed to determine its compliance with the requirements of the British Standard for Topsoil *(BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil).*

This report presents the results of analysis for the sample submitted to our office, and it should be considered **'indicative' of the topsoil source. The report and results should therefore not be used by** third parties as a means of verification or validation testing or waste designation purposes, especially after the topsoil has left the Eco Sustainable Solutions site.

SAMPLE EXAMINATION

The sample was described as a very dark greyish brown (Munsell colour 10YR 3/2), slightly moist, friable, very slightly calcareous SANDY LOAM with a weakly developed, fine to medium sub-angular blocky structure*. The sample was moderately stony with stones up to 30mm in length, and contained occasional organic fines and woody fragments. No unusual odours, deleterious materials, roots or rhizomes of pernicious weeds were observed.

*This appraisal of soil structure was made from examination of a disturbed sample(s). Structure is a key soil characteristic that may only be accurately assessed by examination in an in-situ state.

Tim O'Hare Associates LLP
Howbery Park Wallingford Oxfordshire OX10 8BA
T:01491 822653 E:info@toha.co.uk
www.toha.co.uk

Registered in England No. OC324049 Registered Office: The Innovation Centre, Howbery Park, Wallingford, Oxfordshire OX10 8BA

ANALYTICAL SCHEDULE

The sample was submitted to a UKAS and MCERTS accredited laboratory for a range of physical and chemical tests to confirm the composition and fertility of the soil, and the concentration of selected potential contaminants. The following parameters were determined:

- particle size analysis (sand, silt, clay);
- stone content (2-20mm, 20-50mm, >50mm);
- pH and electrical conductivity values;
- exchangeable sodium percentage;
- major plant nutrients (N, P, K, Mg);
- organic matter content;
- C:N ratio;
- heavy metals (As, B, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn);
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16 suite);
- aromatic and aliphatic TPH (C5-C35 banding);
- benzene, toluene, ethylbenzene, xylene (BTEX);
- asbestos screen.

The results are presented on the attached Certificate of Analysis and an interpretation of the results is given below.

RESULTS OF ANALYSIS

Particle Size Analysis and Stone Content

The sample fell into the *sandy loam* texture class, which is usually considered suitable for general landscape applications provided the soil's physical condition is satisfactory.

The stone content of the sample was moderate and, as such, stones should not restrict the use of the soil for general landscape purposes.

pH and Electrical Conductivity Values

The sample was alkaline in reaction (pH 7.6). This pH value would be considered suitable for general landscape purposes providing species with a wide pH tolerance or those known to prefer alkaline soils are selected for planting, turfing and seeding.

The electrical conductivity (salinity) value (water extract) was moderate, which indicates that soluble salts should not be present at levels that would be harmful to plants.

The electrical conductivity value by $CaSO_4$ extract (*BS3882* requirement) fell below the maximum specified value (3300 µS/cm) given in *BS3882:2015 – Table 1*.

Organic Matter and Fertility Status

The sample was adequate to well supplied with organic matter and all major plant nutrients.

The C:N ratio of the sample was acceptable for general landscape purposes.

Potential Contaminants

With reference to *BS3882:2015 - Table 1*: Notes 3 and 4, there is a recommendation to confirm levels of potential contaminants in relation to the topsoil's proposed end use. This includes human health, environmental protection and metals considered toxic to plants. In the absence of site-specific assessment criteria, the concentrations that affect human health have been compared with the *residential with home grown produce* land use in the Suitable For Use Levels (S4ULs) presented in *The LQM/CIEH S4ULs for Human Health Risk Assessment* (2015) and the DEFRA SP1010: *Development of Category 4 Screening Levels* (C4SLs) *for Assessment of Land Affected by Contamination – Policy Companion Document* (2014).

The sample contained an elevated level of dibenzo(a,h)anthracene (0.36 mg/kg), which slightly exceeded the level given in the LQM/CIEH S4ULs for Human Health Risk Assessment (2015) for *residential with homegrown produce* end-uses (0.30 mg/kg with 6% OM). This may limit the re-use of the soil to less sensitive *commercial* end-uses only. Confirmation should be sought from the project environmental consultant, or the Local Authority Contaminated Land Officer on the suitability of the soil prior to its use if there is any doubt.

Of the remaining potential contaminants determined, none exceeded their respective guideline values.

Phytotoxic Contaminants

Of the phytotoxic (toxic to plants) contaminants determined (copper, nickel, zinc), none was found at levels that exceeded the maximum permissible levels specified in *BS3882:2015 – Table 1*.

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil sample for general landscape purposes. The analysis has also been undertaken to determine the sample's compliance with the requirements of the British Standard for Topsoil *(BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil)*.

From the soil examination and subsequent laboratory analysis, the sample was described as an alkaline, non-saline, slightly calcareous sandy loam with a weakly developed structure and moderate stone content. The sample contained sufficient reserves of organic matter and all major plant nutrients. An elevated level of dibenzo(a,h)anthracene was recorded. Of the remaining potential contaminants determined, none exceeded their respective guideline values.

To conclude, based on our findings, the topsoil represented by this sample would be considered suitable for general landscape purposes (trees, shrubs, amenity grass) provided the following conditions are met:

- the level of dibenzo(a,h)anthracene is deemed acceptable for the proposed recipient site;
- species with a wide pH tolerance or those known to prefer alkaline soils are selected
- the physical condition of the soil is satisfactory.

The topsoil was compliant with the requirements of the British Standard for Topsoil *(BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil)*, provided the level of potential contaminants present are acceptable for the recipient's proposed end-use.

RECOMMENDATIONS

The following recommendations are provided on the basis that the level of dibenzo(a,h)anthracene is deemed acceptable for the proposed recipient site.

Soil Handling Recommendations

It is important to maintain the physical condition of the soil and avoid structural damage during all phases of soil handling (e.g. stockpiling, respreading, cultivating, planting, seeding or turfing). As a consequence, soil handling operations should be carried out when soil is reasonably dry and non-plastic (friable) in consistency.

It is important to ensure that the soil is not unnecessarily compacted by trampling or trafficking by site machinery, and soil handling should be stopped during and after heavy rainfall and not continued until the soil is friable in consistency. If the soil is structurally damaged and compacted at any stage during the course of soiling or landscaping works, it should be cultivated appropriately to relieve the compaction and to restore the soil's structure prior to any planting, turfing or seeding.

Further details on soil handling are provided in Annex A of *BS3882:2015.*

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if we can be of further assistance.

Yours faithfully

[redacted]

Rebecca Hollands
BSc MSc AMIAgrE
Soil Scientist

[redacted]

Laura Hathaway-Jenkins
BSc MSc EngD MISoilSci
Senior Associate

For & on behalf of Tim O'Hare Associates LLP

TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client:	Eco Sustainable Solutions Ltd
Project:	Parley
Job:	Topsoil Analysis - BS3882:2015
Date:	06/09/2018
Job Ref No:	TOHA/18/7734/2/SS

Sample Reference			15-20mm Enriched Soil
		Accreditation	
Clay (<0.002mm)	%	UKAS	10
Silt (0.002-0.063mm)	%	UKAS	14
Sand (0.063-2.0mm)	%	UKAS	76
Texture Class (UK Classification)	--	UKAS	SL
Stones (2-20mm)	% DW	GLP	20
Stones (20-50mm)	% DW	GLP	7
Stones (>50mm)	% DW	GLP	0
pH Value (1:2.5 water extract)	units	UKAS	7.6
Electrical Conductivity (1:2.5 water extract)	uS/cm	UKAS	1134
Electrical Conductivity (1:2 $CaSO_4$ extract)	uS/cm	UKAS	3030
Exchangeable Sodium Percentage	%	UKAS	7.6
Organic Matter (LOI)	%	UKAS	6.9
[illegible]	%	UKAS	0.26
C : N Ratio	ratio	UKAS	15
Extractable Phosphorus	mg/l	UKAS	39
Extractable Potassium	mg/l	UKAS	759
Extractable Magnesium	mg/l	UKAS	122
Total Arsenic (As)	mg/kg	MCERTS	5
Total Cadmium (Cd)	mg/kg	MCERTS	< 0.2
Total Chromium (Cr)	mg/kg	MCERTS	40
Hexavalent Chromium (Cr VI)	mg/kg	MCERTS	< 4.0
Total Copper (Cu)	mg/kg	MCERTS	26
Total Lead (Pb)	mg/kg	MCERTS	55
Total Mercury (Hg)	mg/kg	MCERTS	< 0.3
Total Nickel (Ni)	mg/kg	MCERTS	15
Total Selenium (Se)	mg/kg	MCERTS	< 1.0
Total Zinc (Zn)	mg/kg	MCERTS	67
Water Soluble Boron (B)	mg/kg	MCERTS	1.8
Total Cyanide (CN)	mg/kg	MCERTS	< 1.0
Total (mono) Phenols	mg/kg	MCERTS	< 1.0
Naphthalene	mg/kg	MCERTS	< 0.05
Acenaphthylene	mg/kg	MCERTS	< 0.05
Acenaphthene	mg/kg	MCERTS	< 0.05
Fluorene	mg/kg	MCERTS	< 0.05
Phenanthrene	mg/kg	MCERTS	1.20
Anthracene	mg/kg	MCERTS	0.41
Fluoranthene	mg/kg	MCERTS	2.30
Pyrene	mg/kg	MCERTS	1.90
Benz(a)anthracene	mg/kg	MCERTS	1.30
Chrysene	mg/kg	MCERTS	1.10
Benzo(b)fluoranthene	mg/kg	MCERTS	1.50
Benzo(k)fluoranthene	mg/kg	MCERTS	0.80
Benzo(a)pyrene	mg/kg	MCERTS	1.40
Indeno(1,2,3-cd)pyrene	mg/kg	MCERTS	0.95
Dibenzo(a,h)anthracene	mg/kg	MCERTS	0.36
Benzo(g,h,i)perylene	mg/kg	MCERTS	1.20
Total PAHs (sum USEPA16)	mg/kg	MCERTS	14.4
Aliphatic TPH >C5 - C6	mg/kg	MCERTS	< 0.001
Aliphatic TPH >C6 - C8	mg/kg	MCERTS	< 0.001
Aliphatic TPH >C8 - C10	mg/kg	MCERTS	< 0.001
Aliphatic TPH >C10 - C12	mg/kg	MCERTS	< 1.0
Aliphatic TPH >C12 - C16	mg/kg	MCERTS	< 2.0
Aliphatic TPH >C16 - C21	mg/kg	MCERTS	< 8.0
Aliphatic TPH >C21 - C35	mg/kg	MCERTS	13
Aliphatic TPH (C5 - C35)	mg/kg	MCERTS	14
Aromatic TPH >C5 - C7	mg/kg	MCERTS	< 0.001
Aromatic TPH >C7 - C8	mg/kg	MCERTS	< 0.001
Aromatic TPH >C8 - C10	mg/kg	MCERTS	< 0.001
Aromatic TPH >C10 - C12	mg/kg	MCERTS	< 1.0
Aromatic TPH >C12 - C16	mg/kg	MCERTS	2.7
Aromatic TPH >C16 - C21	mg/kg	MCERTS	21
Aromatic TPH >C21 - C35	mg/kg	MCERTS	65
Aromatic TPH (C5 - C35)	mg/kg	MCERTS	89
Benzene	mg/kg	MCERTS	< 0.001
Toluene	mg/kg	MCERTS	< 0.001
Ethylbenzene	mg/kg	MCERTS	< 0.001
p & m-xylene	mg/kg	MCERTS	< 0.001
o-xylene	mg/kg	MCERTS	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	MCERTS	< 0.001
Asbestos	ND/D	ISO 17025	Not-detected

SL = SANDY LOAM

Visual Examination

The sample was described as a very dark greyish brown (Munsell colour 10YR 3/2), slightly moist, friable, very slightly calcareous SANDY LOAM with a weakly developed, fine to medium sub-angular blocky structure. The sample was moderately stony with stones up to 30mm in length, and contained occasional organic fines and woody fragments. No unusual odours, deleterious materials, roots or rhizomes of pernicious weeds were observed.

[redacted]

Rebecca Hollands
BSc MSc AMIAgrE
Soil Scientist

Results of analysis should be read in conjunction with the report they were issued with

The contents of this certificate shall not be reproduced without the express written permission of Tim O'Hare Associates LLP.

TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Mr Mike Jupp
The Woodhorn Group
Woodhorn Business Centre
Woodhorn Lane
Oving
Chichester
West Sussex PO20 2BX

6th November 2018
Our Ref: TOHA/18/7825/SS
Your Ref: see below

Dear Sirs

Topsoil Analysis Report: Tangmere Compost Site

We have completed the analysis of the soil sample recently submitted, referenced *20mm Topsoil,* and have pleasure reporting our findings.

The purpose of the analysis was to determine the suitability of the sample for general landscape purposes (trees, shrubs, amenity grass). In addition, this sample has been assessed to determine its compliance with the requirements of the British Standard for Topsoil *(BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil).*

This report presents the results of analysis for the sample submitted to our office, and it should be considered 'indicative' of the topsoil source. The report and results should therefore not be used by third parties as a means of verification or validation testing or waste designation purposes, especially after the topsoil has left the Woodhorn Group site.

SAMPLE EXAMINATION

The sample was described as a dark brown (Munsell Colour 10YR 3/3), slightly moist, friable, non-calcareous SANDY LOAM with a weakly developed, fine to medium sub-angular blocky structure*. The sample was moderately stony and contained common organic fines and woody fragments. No unusual odours, deleterious materials, roots or rhizomes of pernicious weeds were observed.

*This appraisal of soil structure was made from examination of a disturbed sample(s). Structure is a key soil characteristic that may only be accurately assessed by examination in an in-situ state.

Tim O'Hare Associates LLP
Howbery Park Wallingford Oxfordshire OX10 8BA
T:01491 822653 E:info@toha.co.uk
www.toha.co.uk

Registered in England No. OC324049 Registered Office: The Innovation Centre, Howbery Park, Wallingford, Oxfordshire OX10 8BA

ANALYTICAL SCHEDULE

The sample was submitted to a UKAS and MCERTS accredited laboratory for a range of physical and chemical tests to confirm the composition and fertility of the soil, and the concentration of selected potential contaminants. The following parameters were determined:

- particle size analysis (sand, silt, clay);
- stone content (2-20mm, 20-50mm, >50mm);
- pH and electrical conductivity values;
- exchangeable sodium percentage;
- major plant nutrients (N, P, K, Mg);
- organic matter content;
- C:N ratio;
- heavy metals (As, B, Cd, Cr, Cu, Pb, Hg, Ni, Se, Zn);
- total cyanide and total (mono) phenols;
- speciated PAHs (US EPA16 suite);
- aromatic and aliphatic TPH (C5-C35 banding);
- benzene, toluene, ethylbenzene, xylene (BTEX).

The results are presented on the attached Certificate of Analysis and an interpretation of the results is given below.

RESULTS OF ANALYSIS

Particle Size Analysis and Stone Content

The sample fell into the *sandy loam* texture class, which is usually considered suitable for general landscape applications provided the soil's physical condition is satisfactory.

The stone content of the sample was moderate and, as such, stones should not restrict the use of the soil for general landscape purposes.

pH and Electrical Conductivity Values

The sample was slightly alkaline in reaction (pH 7.2), with a pH value that would be suitable for general landscape purposes.

The electrical conductivity (salinity) value (water extract) was moderate, which indicates that soluble salts should not be present at levels that would be harmful to plants.

The electrical conductivity value by $CaSO_4$ extract (*BS3882* requirement) fell below the maximum specified value (3300 µS/cm) given in *BS3882:2015 – Table 1*.

Organic Matter and Fertility Status

The sample was adequately to well-supplied with organic matter and all major plant nutrients.

The C:N ratio of the sample was acceptable for general landscape purposes.

Potential Contaminants

With reference to *BS3882:2015 - Table 1*: Notes 3 and 4, there is a requirement to confirm levels of potential contaminants in relation to the topsoil's proposed end use. This includes human health, environmental protection and metals considered toxic to plants. In the absence of site-specific assessment criteria, the concentrations that affect human health have been compared with the *residential with homegrown produce* land use in the Suitable For Use Levels (S4ULs) presented in *The LQM/CIEH S4ULs for Human Health Risk Assessment* (2015) and the DEFRA SP1010: *Development of Category 4 Screening Levels* (C4SLs) *for Assessment of Land Affected by Contamination – Policy Companion Document* (2014).

Of the potential contaminants determined, none was found at levels that exceeded their guideline values.

Phytotoxic Contaminants

Of the phytotoxic (toxic to plants) contaminants determined (copper, nickel, zinc), none was found at levels that exceeded the maximum permissible levels specified in *BS3882:2015 – Table 1.*

CONCLUSION

The purpose of the analysis was to determine the suitability of the topsoil sample for general landscape purposes. The analysis has also been undertaken to determine the sample's compliance with the requirements of the British Standard for Topsoil *(BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil).*

From the soil examination and subsequent laboratory analysis, the sample was described as a slightly alkaline, non-saline sandy loam with a weakly developed structure and moderate stone content. The sample contained sufficient reserves of organic matter and major plant nutrients. Of the potential contaminants determined, none exceeded their respective guideline values.

To conclude, based on our findings, the topsoil represented by this sample would be considered suitable for general landscape purposes (trees, shrubs and amenity grass), provided the physical condition of the soil is satisfactory.

The topsoil was also fully compliant with the requirements of the British Standard for Topsoil *(BS3882:2015 – Specification for Topsoil – Table 1, Multipurpose Topsoil).*

RECOMMENDATIONS

Soil Handling Recommendations

It is important to maintain the physical condition of the soil and avoid structural damage during all phases of soil handling (e.g. stockpiling, respreading, cultivating, planting, seeding or turfing). As a consequence, soil handling operations should be carried out when soil is reasonably dry and non-plastic (friable) in consistency.

It is important to ensure that the soil is not unnecessarily compacted by trampling or trafficking by site machinery, and soil handling should be stopped during and after heavy rainfall and not continued until the soil is friable in consistency. If the soil is structurally damaged and compacted at any stage during the course of soiling or landscaping works, it should be cultivated appropriately to relieve the compaction and to restore the soil's structure prior to any planting, turfing or seeding.

Further details on soil handling are provided in Annex A of *BS3882:2015.*

Further guidance on the management, preparation and handling of soils is provided in the DEFRA publication *Construction code of practice for the sustainable use of soils on construction sites*, 2009.

We hope this report meets with your approval and provides the necessary information. Please do not hesitate to contact the undersigned if we can be of further assistance.

Yours faithfully



Matthew Lowry
BSc MSc
Graduate Soil Scientist



Laura Hathaway-Jenkins
BSc MSc EngD MISoilSci
Senior Associate

For & on behalf of Tim O'Hare Associates LLP

TIM O'HARE ASSOCIATES
SOIL & LANDSCAPE CONSULTANCY

Client:	The Woodhorn Group
Project:	Tangmere Compost Site
Job:	Topsoil Analysis (BS3882:2015)
Date:	06/11/2018
Job Ref No:	TOHA/18/7825/SS

Sample Reference			20mm Topsoil
		Accreditation	
Clay (<0.002mm)	%	UKAS	16
Silt (0.002-0.063mm)	%	UKAS	15
Sand (0.063-2.0mm)	%	UKAS	69
Texture Class (UK Classification)	--	UKAS	SL
Stones (2-20mm)	% DW	GLP	15
Stones (20-50mm)	% DW	GLP	0
Stones (>50mm)	% DW	GLP	0
pH Value (1:2.5 water extract)	units	UKAS	7.2
Electrical Conductivity (1:2.5 water extract)	uS/cm	UKAS	1325
Electrical Conductivity (1:2 $CaSO_4$ extract)	uS/cm	UKAS	3175
Exchangeable Sodium Percentage	%	UKAS	6.0
Organic Matter (LOI)	%	UKAS	6.8
Total Nitrogen (Dumas)	%	UKAS	0.29
C : N Ratio	ratio	UKAS	14
Extractable Phosphorus	mg/l	UKAS	58
Extractable Potassium	mg/l	UKAS	1305
Extractable Magnesium	mg/l	UKAS	246
Total Arsenic (As)	mg/kg	MCERTS	9
Total Cadmium (Cd)	mg/kg	MCERTS	< 0.2
Total Chromium (Cr)	mg/kg	MCERTS	19
Hexavalent Chromium (Cr VI)	mg/kg	MCERTS	< 4.0
Total Copper (Cu)	mg/kg	MCERTS	17
Total Lead (Pb)	mg/kg	MCERTS	18
Total Mercury (Hg)	mg/kg	MCERTS	< 0.3
Total Nickel (Ni)	mg/kg	MCERTS	20
Total Selenium (Se)	mg/kg	MCERTS	< 1.0
Total Zinc (Zn)	mg/kg	MCERTS	46
Water Soluble Boron (B)	mg/kg	MCERTS	2.5
Total Cyanide (CN)	mg/kg	MCERTS	< 1
Total (mono) Phenols	mg/kg	MCERTS	< 1.0
Naphthalene	mg/kg	MCERTS	< 0.05
Acenaphthylene	mg/kg	MCERTS	< 0.05
Acenaphthene	mg/kg	MCERTS	< 0.05
Fluorene	mg/kg	MCERTS	< 0.05
Phenanthrene	mg/kg	MCERTS	< 0.05
Anthracene	mg/kg	MCERTS	< 0.05
Fluoranthene	mg/kg	MCERTS	< 0.05
Pyrene	mg/kg	MCERTS	< 0.05
Benzo(a)anthracene	mg/kg	MCERTS	< 0.05
Chrysene	mg/kg	MCERTS	< 0.05
Benzo(b)fluoranthene	mg/kg	MCERTS	< 0.05
Benzo(k)fluoranthene	mg/kg	MCERTS	< 0.05
Benzo(a)pyrene	mg/kg	MCERTS	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	MCERTS	< 0.05
Dibenzo(a,h)anthracene	mg/kg	MCERTS	< 0.05
Benzo(g,h,i)perylene	mg/kg	MCERTS	< 0.05
Total PAHs (sum USEPA16)	mg/kg	MCERTS	< 0.80
Aliphatic TPH >C5 - C6	mg/kg	MCERTS	< 0.001
Aliphatic TPH >C6 - C8	mg/kg	MCERTS	< 0.001
Aliphatic TPH >C8 - C10	mg/kg	MCERTS	< 0.001
Aliphatic TPH >C10 - C12	mg/kg	MCERTS	< 1.0
Aliphatic TPH >C12 - C16	mg/kg	MCERTS	< 2.0
Aliphatic TPH >C16 - C21	mg/kg	MCERTS	< 8.0
Aliphatic TPH >C21 - C35	mg/kg	MCERTS	< 8.0
Aliphatic TPH (C5 - C35)	mg/kg	MCERTS	< 10
Aromatic TPH >C5 - C7	mg/kg	MCERTS	< 0.001
Aromatic TPH >C7 - C8	mg/kg	MCERTS	< 0.001
Aromatic TPH >C8 - C10	mg/kg	MCERTS	< 0.001
Aromatic TPH >C10 - C12	mg/kg	MCERTS	< 1.0
Aromatic TPH >C12 - C16	mg/kg	MCERTS	< 2.0
Aromatic TPH >C16 - C21	mg/kg	MCERTS	< 10
Aromatic TPH >C21 - C35	mg/kg	MCERTS	< 10
Aromatic TPH (C5 - C35)	mg/kg	MCERTS	< 10
Benzene	mg/kg	MCERTS	< 0.001
Toluene	mg/kg	MCERTS	< 0.001
Ethylbenzene	mg/kg	MCERTS	< 0.001
p & m-xylene	mg/kg	MCERTS	< 0.001
o-xylene	mg/kg	MCERTS	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	MCERTS	< 0.001

SL = SANDY LOAM

Visual Examination

The sample was described as a dark brown (Munsell Colour 10YR 3/3), slightly moist, friable, non-calcareous SANDY LOAM with a weakly developed, fine to medium sub-angular blocky structure. The sample was moderately stony and contained common organic fines and woody fragments. No unusual odours, deleterious materials, roots or rhizomes of pernicious weeds were observed.

[redacted]

Matthew Lowry
BSc MSc
Graduate Soil Scientist

Results of analysis should be read in conjunction with the report they were issued with.

The contents of this certificate shall not be reproduced without the express written permission of Tim O'Hare Associates LLP.

WOODMACE PLANT LTD

21-23 Willis Way, Willis Way Industrial Estate, Poole, Dorset BH15 3SS - Tel: 01202 667785
Carriers Registration Number: CB/GE5248UF VAT REGISTRATION No. 187 3389 61

CONVEYANCE NOTE / CONTROLLED WASTE TRANSFER NOTE

CUSTOMER ORDER No. 42286 TICKET No. A 03210

VEHICLE REG. No.	DATE AND TIME	DRIVER/HAULIER	SALES INVOICE No.
WF13 [illegible]	22/2/[illegible]	T Jones	

CUSTOMER DCNC CONSTRUCTION LTD.

DELIVERY / SITE ADDRESS: FOLTHAM CONSTRUCTION KINGSMEAD AVE

POST CODE: BH9 4HZ

PLACE OF LOADING: ECO

MATERIAL: General soil 20mm

TICKET No.:

DRIVERS SIGNATURE: [signature]

TOTAL GOODS	
VAT	
TOTAL	

WEIGHT	TONNES/ METRES	KILOS
GROSS		8[illegible]
TARE	13.720	
NETT		
M3		

DAYWORK / WAITING TIME	
START TIME	8:41
FINISH TIME	8:55
TRAVELLING	:
TOTAL HOURS	:

DESCRIPTION OF MATERIALS		TICK ONE BOX
INERT SPOIL	EWC 17-05-04	
CLAY	EWC 17-05-04	
MIXED CONC/HARDCORE	EWC 17-01-07	
CLEAN CONCRETE	EWC 17-01-01	
CLEAN HARDCORE	EWC 17-01-02	
CLEAN TARMAC	EWC 17-03-02	
SITE WASTE	EWC 17-09-04	
OTHER		X
SIC CODE		

DISPOSAL SITE: KINGSMEAD AVE.

I confirm that I have fulfilled my duty to apply the waste hierarchy as required by regulation 12 of the Waste (England & Wales) Regulations 2011

Signed [redacted]
On behalf of Customer

WHITE: CUSTOMER BLUE: LANDFILL/SITE YELLOW: HAULIER GREEN: OFFICE PINK: IN BOOK

Customers ordering vehicles off the public highway do so at their own responsibility.
Goods remain property of Woodmace Plant Ltd., until payment is satisfactorily completed.

WASTE MATERIALS LTD

TEL: 023 8074 6090

FAX: 023 8074 6099

Conveyance Note

Wallet Materials Ltd
Unit 4 Andes Road
Nursling Ind Est
Southampton
SO16 0YZ

CUSTOMER: RAYMOND BROWN MINERALS & RECYCLING LT

Creation

ECO-SURE
CHAPEL LANE
HARLEY
CHRISTCHURCH
BH23 6BS
Phone
Mobile
Contact

Delivery

RAYMOND BROWN MINERALS & REC
Duke Construction
200 Fernham Construction
Kingfisher Avenue
Hedge
PO9 4PZ
Phone
Mobile : 07710381107
Contact WTL

Site Code
EWC Code

Notes
BS3882 20MM SCREENED SOIL

Job No	249068
Job Date	28/01/2019
Job Type	HAULAGE ONLY
Quantity	20.00
	Load
Vehicle	SX12 VFO
Driver	Luke Haines
Waste Detail	

Wasted Journey/Waiting Time On Site

Time On Site
Time Off Site
Waiting Time:

Signed

VAT REG No: 930 6864 96 REGISTERED IN ENGLAND No: 3230406 WRA REGN No: CB DL14624

SEE OVER FOR CONDITIONS - LOW ELEVATED ONLY

Signed [redacted]

Vehicle Reg: MX17 WRG Ticket No: 219990 Date: 28/01/2019 09:00:00

WASTE MATERIALS LTD

TEL. 023 8074 8080

FAX. 023 8074 8099

Waste Materials L
Unit 4 Andes Roa
Nursling Ind Es
Southampto
SO16 0Y

Conveyance Note

CUSTOMER RAYMOND BROWN MINERALS & RECYCLING L

Collection

ECO HIRE
CHAPEL LANE
PARLEY
CHRISTCHURCH
BH23 6BG
Phone
Mobile
Contact

Delivery

RAYMOND BROWN MINERALS & RE
Dunn Construction
C/O Feltham Construction
Kingsclere Avenue
Havant
PO9 0HJ
Phone
Mobile 07713661104
Contact WAI

Sic Code
EWC Code
Job No. 240957
Job Date 23/01/2019
Job Type HAULAGE ONLY
Quantity 20.00
Vehicle Load
Driver : WR65 KHZ
Waste Detail Les Water

Notes .
BS3882 20MM SCREENED SOIL

Wasted Journey/Waiting Time On Site
Time On Site:
Time Off Site
Waiting Time
Signed

VAT REG No. 220 4802 96 REGISTERED IN ENGLAND No. 04109005 WMA REG No. CB/DCL/24022

SEE OVER FOR CONDITION - LEVEL LOADS ONLY

Signed [redacted]

Print [redacted]

EE-WR65 K Ticket No. 219957 Date 23/01/20 9 C2:00:00

TJ TRANSPOP™ LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1305125

Driver Name: [redacted]

Registration: G20TDT Date & Time: 12.2.19

Customer: SPINNAKER BUILDERS

Loaded at: WOODMANCOTE TANGMERE

Deliver to: KINGSCLERE AVE HAVANT

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials: 15/20 Tof Soil

Volume		M³	Load	In accordance with the Weights and Measures Act 1985
Gross Weight	31.40		Tonnes	
Nett Weight	14.74		Tonnes	
Tare Weight	16.66		Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

I confirm that I have fulfilled my duty to apply the waste hierarchy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011

Customer Signature: [redacted]

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signa[redacted]

Disposal / Material Ticket Number:

Notes

Customers ordering vehicles off the pu[redacted]sponsibility.

Certified that the above particulars are [redacted]e being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:

(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1305126

Driver Name: [redacted]

Registration: G20 TJJ Date & Time: 12.2.19

Customer: SPINNAKER BUILDERS

Loaded at: WOODHORN THANGMERE

Deliver to: KINGSCLERE AVE HAVANT

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

15/20 TOP SOIL

Volume		M³	Load
Gross Weight	31.72		Tonnes
Nett Weight	15.14		Tonnes
Tare Weight	16.58		Tonnes

In accordance with the Weights and Measures Act 1985

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierarchy, as required by Regulation 12 of the waste (England and Wales) Regulations 2011"

Customer Signature: [redacted]

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Notes
Customers ordering vehicles off the public road do so entirely at their own responsibility.
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1295651

Driver Name: [redacted]

Registration: G577 TJJ Date & Time: 12/2/19

Customer: SPINNAKER BUILDERS

Loaded at: WOODHORN

Deliver to: KINGSCLERE AVE HAVANT

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

20mm TOPSOIL

Volume		M³	Load
Gross Weight			Tonnes
Nett Weight	14.520		Tonnes
Tare Weight			Tonnes

In accordance with the Weights and Measures Act 1985

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierarchy, as required by Regulation 12 of the waste (England and Wales) Regulations 2011"

Customer Signature: [redacted]

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signature:

Notes
Customers ordering vehicles off the public road do so entirely at their own responsibility.
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1295652

Driver Name: [redacted]

Registration: G8TJT Date & Time: 12/2/19

Customer: SPINAKER BUILDERS

Loaded at: WOODMORN

Deliver to: KINGFISHER AVE HAVANT

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

20mm Topsoil

Volume		M³	Load	In accordance with the Weights and Measures Act 1985
Gross Weight			Tonnes	
Nett Weight	14 760		Tonnes	
Tare Weight			Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierachy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011"

Customer Sign [redacted]

Notes
Customers ordering vehicles off the public road do so entirely at their own responsibility.
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1278261

Driver Name: [redacted]

Registration: G6TM Date & Time: 12/2/19

Customer: SPINNAKER BUILDERS

Loaded at: WOODMORN

Deliver to: KINGFISHER AVE HAVANT

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

Topsoil

Volume		M³	Load	In accordance with the Weights and Measures Act 1985
Gross Weight			Tonnes	
Nett Weight	10TN		Tonnes	
Tare Weight			Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty t... (England and Wales) Regulation 2011" ...he waste

Customer Signature: [redacted]

Notes
Customers ordering vehicles off the p...
Certified that the above particulars ar... ...e vehicle
described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No: CB / SM3250JF

1306308

Driver Name:			
Registration:		Date & Time:	
Customer:			
Loaded at:			
Deliver to:			

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

Volume		M³		Load	In accordance with the Weights and Measures Act 1985
Gross Weight				Tonnes	
Nett Weight				Tonnes	
Tare Weight				Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty [redacted] ation 12 of the waste (England and Wales) Regulation 201

Customer Signature: [redacted]

Day work / waiting time or additional charges:

Driver Signature:

Disposal Signature:

Disposal / Material Ticket Number:

Notes
Customers ordering vehicles off the p
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No: CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1297400

Driver Name:	[redacted]		
Registration:	SA57 TJT	Date & Time:	22/2/19
Customer:	32991 Swindon Building Services		
Loaded at:	Thingley		
Deliver to:	Valingers Way Wantage		

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04	✓	Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:
19/12/12 Timber

Volume		M³		Load	In accordance with the Weights and Measures
Gross Weight	31.98			Tonnes	
Nett Weight	19.38			Tonnes	
Tare Weight	12.60			Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to ap [redacted] egulation 12 of the waste (England and Wales) Regulation 2011"

Customer Signature: [redacted]

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Notes
Customers ordering vehicles off the public road do so entirely at their own responsibility.
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

D0640191

CONVEYANCE / TRANSFER NOTE

1234075

Driver Nam [redacted]

Registration: V 15777 Date & Time: 22-2-19

Customer: SPARKER BUILDING SVC'S

Loaded at: WOODHOUSE TRUNNELS POLO 2GP

Deliver to: KINGSWELL AVE IRVINE

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

20mm BS 3882 Top Soil

Volume	15	M³	x 1	Load
Gross Weight	31.340			Tonnes
Nett Weight	18.420			Tonnes
Tare Weight	12.920			Tonnes

In accordance with the Weights and Measures ...

SIC Code:

Construction	41.10	✓	Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

Day work / waiting time or additional charges:

Driver Sig [redacted]

'I confirm that I have fulfilled my duty to a ... the waste (England and Wales) Regulation 2011'

Customer Signature: [redacted]

Disposal Site Name:

Disposal / Material Ticket Number:

Notes:
Customers ordering vehicles off the publ...
Certified that the above particulars are ... the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

Chanty Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

1234073

Driver Name: [redacted]

Registration: V25 TJT | Date & Time: 22-2-9

Customer: SPEAKER BUILDING SVC'S

Loaded at: WOODHORN TANNERS PO20 2PP

Deliver to: KINGSCLERE AVE HAVANT

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	✓
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials: 20mm BS3882 Top Soil

Volume	15	M³	X 1	Load	In accordance with the Weights and Measures Act 1985
Gross Weight	31.420			Tonnes	
Nett Weight	18.460			Tonnes	
Tare Weight	12.960			Tonnes	

SIC Code:

Construction	41.10	✓	Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierachy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011"

Customer Signature: [redacted]

Notes
Customers ordering vehicles off the public road do so entirely at their own responsibility
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

[redacted]

Driver Name: [redacted]

Registration: M70NT 26th

Customer: Spinaker BLA Services

Loaded at: Woodhorn Thangmore

Deliver to: Kingsclere Ave Havant

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials:

Volume		M³		Load
Gross Weight				Tonnes
Nett Weight				Tonnes
Tare Weight				Tonnes

In accordance with the Weights and Measures Act 1985

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	✓

"I confirm that I have fulfilled my duty to apply the waste hierachy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011"

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Customer Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Notes

Customers ordering vehicles off the public road do so entirely at their own responsibility

Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:

(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

---

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP

Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk

Carriers Registration Certificate No. **CB / SM3250JF**

CONVEYANCE / TRANSFER NOTE

1277675

Driver Name: [redacted]

Registration: M70NT Date & Time: 26th

Customer: Spinaker BLA Services

Loaded at: Woodhorn Thangmore

Deliver to: Kingsclere Ave Havant

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02				
Concrete	17 01 01		Other - Describe below		✓

Waste description & EWC / Materials: Top Soil

Volume		M³	1		Load
Gross Weight					Tonnes
Nett Weight					Tonnes
Tare Weight					Tonnes

In accordance with the Weights and Measures Act 1985

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99	✓	Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierachy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011"

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Customer Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Notes

Customers ordering vehicles off the [illegible]

Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:

(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1260374

Driver Name:	[redacted]				
Registration:	CA15 HZX	Date & Time:	26-2-19		
Customer:	SPINAKER BUILDING				
Loaded at:	TANGMERE				
Deliver to:	HAVANT				
Day work / waiting time or additional charges:	[redacted]				
Driver Signature:					
Disposal Signature:					
Disposal / Material Ticket Number:					

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02		TOP.S		
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials: TOPSOIL

Volume	15	M³		Load	In accordance with the Weights and Measures Act 1985
Gross Weight				Tonnes	
Nett Weight				Tonnes	
Tare Weight				Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierachy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011"

Customer Signature: [redacted]

Notes

Customers ordering vehicles off the public road do so entirely at their own responsibility.
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load
(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
Carriers Registration Certificate No. CB / SM3250JF

CONVEYANCE / TRANSFER NOTE

1260374

Driver Name:	[redacted]				
Registration:	CA15 HZX	Date & Time:	26-2-19		
Customer:	SPINAKER BUILDING				
Loaded at:	TANGMERE				
Deliver to:	HAVANT				
Day work / waiting time or additional charges:	[redacted]				
Driver Signature:					
Disposal Signature:					
Disposal / Material Ticket Number:					

Inert Spoil	17 05 04		Asphalt	17 03 02	
Soils & Stone	17 05 04		Builders Waste	17 09 04	
Non-Haz Spoil	17 05 04		Hardcore (MRF)	19 12 12	
Hazardous Spoil	17 05 03		Soils (MS)	19 12 12	
Hardcore	17 01 02		TOP.S		
Concrete	17 01 01		Other - Describe below		

Waste description & EWC / Materials: TOPSOIL

Volume	15	M³		Load	In accordance with the Weights and Measures Act 1985
Gross Weight				Tonnes	
Nett Weight				Tonnes	
Tare Weight				Tonnes	

SIC Code:

Construction	41.10		Demolition	43.11	
Civil Engineering	42.99		Waste Collection	38.11	

"I confirm that I have fulfilled my duty to apply the waste hierachy, as required by Regulation 12 of the waste (England and Wales) Regulation 2011"

Customer Signature: [redacted]

Notes

Customers ordering vehicles off the public road do so entirely at their own responsibility.
Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:
(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

[redacted]

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 226446 Fax: 01329 826167 www.tj-transport.co.uk
[redacted]

1285226

Driver Name: [redacted]

Registration: KX16 LPV Date & Time: 12/3/19

Customer: SPINNAKER BUILDING SVCS

Loaded at: ECO

Deliver to: KINGSCLERE RD HANTS

Day work / waiting time or additional charges:

Driver Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Inert Spoil	17 05 04	Asphalt	17 03 02
Soils & Stone	17 05 04	Builders Waste	17 09 04
Non-Haz Spoil	17 05 04	Hardcore (MRF)	19 12 12
Hazardous Spoil	17 05 03	Soils (MS)	19 12 12
Hardcore	17 01 02	5-20 SOIL ✓	
Concrete	17 01 01	Other - Describe below	

Waste description & EWC / Materials:

Volume		M³	Load
Gross Weight			Tonnes
Nett Weight			Tonnes
Tare Weight			Tonnes

In accordance with the Weights and Measures Act 1985

SIC Code:

Construction	41.10	Demolition	43.11
Civil Engineering			

"I confirm that I have fulfilled [redacted] of the Waste (England and Wales) Regu[redacted]

Customer Signature: [redacted]

Notes

Customers ordering vehicles off the public road do so entirely at their own responsibility.

Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:

(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

TJ TRANSPORT LTD

Charity Farm, 127 Wickham Road, Fareham, Hampshire, PO17 5BP
Tel: 01329 236446 [redacted] www.tj-transport.co.uk
[redacted] 0JF

CONVEYANCE / TRANSFER NOTE

1285224

Driver Name: [redacted]

Registration: KX16 LPV

Date & Time: 12/3/19

Customer: SPINAKER BUILDING SAV

Loaded at: ECO

Deliver to: KINGSLUDE HAUNT

Day work / waiting time or additional charges:

09-10 [redacted] 09-35

Driver Signature: [redacted]

Disposal Signature:

Disposal / Material Ticket Number:

Inert Spoil	17 05 04	Asphalt	17 03 02
Soils & Stone	17 05 04	Builders Waste	17 09 04
Non-Haz Spoil	17 05 04	Hardcore (MRF)	19 12 12
Hazardous Spoil	17 05 03	Soils (MS)	19 12 12
Hardcore	17 01 02	15-20 SOIL	
Concrete	17 01 01	Other - Describe below	

Waste description & EWC / Materials:

Volume		M³	Load
Gross Weight			Tonnes
Nett Weight			Tonnes
Tare Weight			Tonnes

In accordance with the Weights and Measures Act 1963

SIC Code:

Construction	41.10	Demolition	43.11
Civil Engineering	42.99	Waste Collection	38.11

"I confirm that I have fulfilled my duty to [redacted] (England and Wales) Reg [redacted] Waste

Customer Signature: [redacted]

Notes

Customers ordering vehicles off the public road do so entirely at their own responsibility.

Certified that the above particulars are true and relate to the material or waste being conveyed in the vehicle described, which material or waste is being so conveyed in pursuance of:

(a) a sale or agreement for the sale thereof made by the cubic tonne / metre / load

(b) an agreement for the carriage thereof made by the cubic tonne / metre / load

RIDGE

APPENDIX 5 – IMPORTED SOIL LABORATORY ANALYSIS

4480

Max Smeeth
Ridge
Partnership House
Moorside Road
Winchester
SO23 7RX

DETS Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410
russell.jarvis@dets.co.uk

DETS Report No: 19-01329

Site Reference:	Kingsclere Avenue
Project / Job Ref:	5006015
Order No:	604801
Sample Receipt Date:	31/01/2019
Sample Scheduled Date:	31/01/2019
Report Issue Number:	1
Reporting Date:	06/02/2019

Authorised by:

[redacted]

Russell Jarvis
Associate Director of Client Services

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate							
DETS Report No: 19-01329	Date Sampled	30/01/19					
Ridge	Time Sampled	None Supplied					
Site Reference: Kingsclere Avenue	TP / BH No	I1					
Project / Job Ref: 5006015	Additional Refs	Import					
Order No: 604801	Depth (m)	None Supplied					
Reporting Date: 06/02/2019	DETS Sample No	386147					

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected				
pH	pH Units	N/a	MCERTS	8.0				
Total Cyanide	mg/kg	< 2	NONE	< 2				
Organic Matter	%	< 0.1	MCERTS	2				
Arsenic (As)	mg/kg	< 2	MCERTS	3				
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2				
Chromium (Cr)	mg/kg	< 2	MCERTS	6				
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2				
Copper (Cu)	mg/kg	< 4	MCERTS	9				
Lead (Pb)	mg/kg	< 3	MCERTS	20				
Mercury (Hg)	mg/kg	< 1	NONE	< 1				
Nickel (Ni)	mg/kg	< 3	MCERTS	4				
Selenium (Se)	mg/kg	< 3	NONE	< 3				
Zinc (Zn)	mg/kg	< 3	MCERTS	11				
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2				

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C
Subcontracted analysis (S)

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

mCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 4480

Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 19-01329	**Date Sampled**	30/01/19				
Ridge	**Time Sampled**	None Supplied				
Site Reference: Kingsclere Avenue	**TP / BH No**	I1				
Project / Job Ref: 5006015	**Additional Refs**	Import				
Order No: 604801	**Depth (m)**	None Supplied				
Reporting Date: 06/02/2019	**DETS Sample No**	386147				

Determinand	Unit	RL	Accreditation				
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1			
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1			
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1			
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1			
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1			
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1			
Fluoranthene	mg/kg	< 0.1	MCERTS	0.34			
Pyrene	mg/kg	< 0.1	MCERTS	0.29			
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.13			
Chrysene	mg/kg	< 0.1	MCERTS	0.14			
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.21			
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.13			
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1			
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1			
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 19-01329	Date Sampled	30/01/19				
Ridge	Time Sampled	None Supplied				
Site Reference: Kingsclere Avenue	TP / BH No	I1				
Project / Job Ref: 5006015	Additional Refs	Import				
Order No: 604801	Depth (m)	None Supplied				
Reporting Date: 06/02/2019	DETS Sample No	386147				

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01				
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05				
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2				
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2				
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3				
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3				
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10				
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21				
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01				
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05				
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2				
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2				
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2				
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3				
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10				
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21				
Total >C5 - C35	mg/kg	< 42	NONE	< 42				

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - BTEX / MTBE							
DETS Report No: 19-01329	Date Sampled	30/01/19					
Ridge	Time Sampled	None Supplied					
Site Reference: Kingsclere Avenue	TP / BH No	I1					
Project / Job Ref: 5006015	Additional Refs	Import					
Order No: 604801	Depth (m)	None Supplied					
Reporting Date: 06/02/2019	DETS Sample No	386147					

Determinand	Unit	RL	Accreditation					
Benzene	ug/kg	< 2	MCERTS	< 2				
Toluene	ug/kg	< 5	MCERTS	< 5				
Ethylbenzene	ug/kg	< 2	MCERTS	< 2				
p & m-xylene	ug/kg	< 2	MCERTS	< 2				
o-xylene	ug/kg	< 2	MCERTS	< 2				
MTBE	ug/kg	< 5	MCERTS	< 5				

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - Sample Descriptions	
DETS Report No: 19-01329	
Ridge	
Site Reference: Kingsclere Avenue	
Project / Job Ref: 5006015	
Order No: 604801	
Reporting Date: 06/02/2019	

DETS Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
386147	I1	Import	None Supplied	12.4	Black loamy sand

Moisture content is part of procedure E003 & is not an accredited test

Insufficient Sample I/S

Unsuitable Sample U/S

DETS

UKAS TESTING
4480

Max Smeeth
Ridge
Partnership House
Moorside Road
Winchester
SO23 7RX

DETS Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410

DETS Report No: 19-01676

Site Reference:	Kingsclere Avenue
Project / Job Ref:	5006015
Order No:	None Supplied
Sample Receipt Date:	31/01/2019
Sample Scheduled Date:	07/02/2019
Report Issue Number:	1
Reporting Date:	13/02/2019

Authorised by:

[redacted]
Associate Director of Client Services

Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

MCERTS THE ENVIRONMENT AGENCY'S MONITORING CERTIFICATION SCHEME
UKAS TESTING 4480

Soil Analysis Certificate						
DETS Report No: 19-01676	**Date Sampled**	30/01/19	30/01/19			
Ridge	**Time Sampled**	None Supplied	None Supplied			
Site Reference: Kingsclere Avenue	**TP / BH No**	I2	I3			
Project / Job Ref: 5006015	**Additional Refs**	None Supplied	None Supplied			
Order No: None Supplied	**Depth (m)**	None Supplied	None Supplied			
Reporting Date: 13/02/2019	**DETS Sample No**	388024	388025			

Determinand	Unit	RL	Accreditation					
Asbestos Screen (S)	N/a	N/a	ISO17025	Not Detected	Not Detected			
pH	pH Units	N/a	MCERTS	7.8	7.8			
Total Cyanide	mg/kg	< 2	NONE	< 2	< 2			
Organic Matter	%	< 0.1	MCERTS	6.1	7.1			
Arsenic (As)	mg/kg	< 2	MCERTS	9	5			
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	0.2	< 0.2			
Chromium (Cr)	mg/kg	< 2	MCERTS	13	14			
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2			
Copper (Cu)	mg/kg	< 4	MCERTS	23	33			
Lead (Pb)	mg/kg	< 3	MCERTS	48	48			
Mercury (Hg)	mg/kg	< 1	NONE	< 1	< 1			
Nickel (Ni)	mg/kg	< 3	MCERTS	8	7			
Selenium (Se)	mg/kg	< 3	NONE	< 3	< 3			
Zinc (Zn)	mg/kg	< 3	MCERTS	99	96			
Total Phenols (monohydric)	mg/kg	< 2	NONE	< 2	< 2			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C
Subcontracted analysis (S)

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - Speciated PAHs						
DETS Report No: 19-01676	Date Sampled	30/01/19	30/01/19			
Ridge	Time Sampled	None Supplied	None Supplied			
Site Reference: Kingsclere Avenue	TP / BH No	I2	I3			
Project / Job Ref: 5006015	Additional Refs	None Supplied	None Supplied			
Order No: None Supplied	Depth (m)	None Supplied	None Supplied			
Reporting Date: 13/02/2019	DETS Sample No	388024	388025			

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Phenanthrene	mg/kg	< 0.1	MCERTS	< 0.1	0.16			
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Fluoranthene	mg/kg	< 0.1	MCERTS	0.28	0.40			
Pyrene	mg/kg	< 0.1	MCERTS	0.22	0.32			
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.13	0.16			
Chrysene	mg/kg	< 0.1	MCERTS	0.13	0.16			
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.22	0.22			
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1			
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	< 1.6	< 1.6			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C

DETS Ltd
Unit 1, Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Maidstone
Kent ME17 2JN
Tel : 01622 850410

4480

Soil Analysis Certificate - TPH CWG Banded						
DETS Report No: 19-01676	Date Sampled	30/01/19	30/01/19			
Ridge	Time Sampled	None Supplied	None Supplied			
Site Reference: Kingsclere Avenue	TP / BH No	I2	I3			
Project / Job Ref: 5006015	Additional Refs	None Supplied	None Supplied			
Order No: None Supplied	Depth (m)	None Supplied	None Supplied			
Reporting Date: 13/02/2019	DETS Sample No	388024	388025			

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01			
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05			
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2			
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2			
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3			
Aliphatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3			
Aliphatic >C21 - C34	mg/kg	< 10	MCERTS	< 10	< 10			
Aliphatic (C5 - C34)	mg/kg	< 21	NONE	< 21	< 21			
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01			
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05			
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2			
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2			
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2			
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	3			
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	< 10	12			
Aromatic (C5 - C35)	mg/kg	< 21	NONE	< 21	< 21			
Total >C5 - C35	mg/kg	< 42	NONE	< 42	< 42			

Analytical results are expressed on a dry weight basis where samples are assisted-dried at less than 30°C