



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



Soil Analysis Certificate - Methodology & Miscellaneous Information	
QTS Environmental Report No: 16-51660	
BRD Environmental Ltd	
Site Reference: Armour Road, Tilehurst	
Project / Job Ref: BRD210736	
Order No: None Supplied	
Reporting Date: 18/11/2016	

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



Ian Hibberd
BRD Environmental Ltd
Hawthorne Villa
1 Old Parr Road
Banbury
Oxfordshire
OX16 5HT

QTS Environmental Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410
russell.jarvis@qtsenvironmental.com

QTS Environmental Report No: 17-64599

Site Reference: Armour Road, Tilehurst

Project / Job Ref: BRD210736

Order No: None Supplied

Sample Receipt Date: 22/09/2017

Sample Scheduled Date: 22/09/2017

Report Issue Number: 1

Reporting Date: 27/09/2017

Authorised by:

A handwritten signature in black ink, appearing to read 'K Old'.

Kevin Old
Associate Director of Laboratory

Authorised by:

A handwritten signature in black ink, appearing to read 'R Jarvis'.

Russell Jarvis
Associate Director of Client Services

QTSE is the trading name of DETS Ltd, company registration number 03705645



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



Soil Analysis Certificate						
QTS Environmental Report No: 17-64599	Date Sampled	18/09/17	18/09/17	18/09/17	18/09/17	18/09/17
BRD Environmental Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Armour Road, Tilehurst	TP / BH No	HD01	HD01	HD02	HD03	HD04
Project / Job Ref: BRD210736	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.10	0.50	0.20	0.20	0.10
Reporting Date: 27/09/2017	QTSE Sample No	291919	291920	291921	291922	291923

Determinand	Unit	RL	Accreditation					
Asbestos Quantification ^(S)	%	< 0.001	ISO17025					< 0.001
pH	pH Units	N/a	MCERTS	7.7	7.9	7.8	8.3	8.4
W/S Sulphate as SO ₄ (2:1)	mg/l	< 10	MCERTS	82	178	359	265	168
W/S Sulphate as SO ₄ (2:1)	g/l	< 0.01	MCERTS	0.08	0.18	0.36	0.27	0.17
Organic Matter	%	< 0.1	MCERTS	3.3	2.8	3	2.3	0.8
Arsenic (As)	mg/kg	< 2	MCERTS	5	9	9	11	10
Cadmium (Cd)	mg/kg	< 0.2	MCERTS	< 0.2	0.3	0.3	0.4	< 0.2
Chromium (Cr)	mg/kg	< 2	MCERTS	10	19	16	17	15
Chromium (hexavalent)	mg/kg	< 2	NONE	< 2	< 2	< 2	< 2	< 2
Copper (Cu)	mg/kg	< 4	MCERTS	10	23	16	27	12
Lead (Pb)	mg/kg	< 3	MCERTS	24	60	66	78	63
Mercury (Hg)	mg/kg	< 1	NONE	< 1	< 1	< 1	< 1	< 1
Nickel (Ni)	mg/kg	< 3	MCERTS	4	12	11	14	8
Selenium (Se)	mg/kg	< 3	NONE	< 3	< 3	< 3	< 3	< 3
Zinc (Zn)	mg/kg	< 3	MCERTS	45	123	84	118	67

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



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



Soil Analysis Certificate - Speciated PAHs						
QTS Environmental Report No: 17-64599	Date Sampled	18/09/17	18/09/17	18/09/17	18/09/17	18/09/17
BRD Environmental Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Armour Road, Tilehurst	TP / BH No	HD01	HD01	HD02	HD03	HD04
Project / Job Ref: BRD210736	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	0.10	0.50	0.20	0.20	0.10
Reporting Date: 27/09/2017	QTSE Sample No	291919	291920	291921	291922	291923

Determinand	Unit	RL	Accreditation					
Naphthalene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	mg/kg	< 0.1	MCERTS	0.28	0.30	1.25	0.20	< 0.1
Anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	0.28	< 0.1	< 0.1
Fluoranthene	mg/kg	< 0.1	MCERTS	0.84	0.88	1.79	0.55	0.18
Pyrene	mg/kg	< 0.1	MCERTS	0.75	0.77	1.49	0.51	0.15
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	0.47	0.40	0.73	0.26	< 0.1
Chrysene	mg/kg	< 0.1	MCERTS	0.49	0.48	0.85	0.34	< 0.1
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	0.64	0.60	1.01	0.46	0.13
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	0.25	0.24	0.39	0.43	< 0.1
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	0.46	0.47	0.76	0.32	< 0.1
Indeno(1,2,3-cd)pyrene	mg/kg	< 0.1	MCERTS	0.33	0.33	0.48	0.23	< 0.1
Dibenz(a,h)anthracene	mg/kg	< 0.1	MCERTS	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(ghi)perylene	mg/kg	< 0.1	MCERTS	0.33	0.33	0.45	0.23	< 0.1
Total EPA-16 PAHs	mg/kg	< 1.6	MCERTS	4.8	4.8	9.5	3.5	< 1.6

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



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

Soil Analysis Certificate - PCB (7 Congeners)						
QTS Environmental Report No: 17-64599	Date Sampled	18/09/17				
BRD Environmental Ltd	Time Sampled	None Supplied				
Site Reference: Armour Road, Tilehurst	TP / BH No	HD04				
Project / Job Ref: BRD210736	Additional Refs	None Supplied				
Order No: None Supplied	Depth (m)	0.10				
Reporting Date: 27/09/2017	QTSE Sample No	291923				

Determinand	Unit	RL	Accreditation				
PCB Congener 28	mg/kg	0.008	NONE	< 0.008			
PCB Congener 52	mg/kg	0.008	NONE	< 0.008			
PCB Congener 101	mg/kg	0.008	NONE	< 0.008			
PCB Congener 118	mg/kg	0.008	NONE	< 0.008			
PCB Congener 138	mg/kg	0.008	NONE	< 0.008			
PCB Congener 153	mg/kg	0.008	NONE	< 0.008			
PCB Congener 180	mg/kg	0.008	NONE	< 0.008			
Total PCB (7 Congeners)	mg/kg	< 0.1	NONE	< 0.1			

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



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



Soil Analysis Certificate - Sample Descriptions	
QTS Environmental Report No: 17-64599	
BRD Environmental Ltd	
Site Reference: Armour Road, Tilehurst	
Project / Job Ref: BRD210736	
Order No: None Supplied	
Reporting Date: 27/09/2017	

QTSE Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
291919	HD01	None Supplied	0.10	16.9	Black sandy clay
291920	HD01	None Supplied	0.50	12	Brown sandy clay with brick
291921	HD02	None Supplied	0.20	12.8	Brown sandy clay with brick
291922	HD03	None Supplied	0.20	11.4	Brown sandy clay with stones and brick
291923	HD04	None Supplied	0.10	9.2	Brown sandy clay with stones

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

Insufficient Sample ^{1/5}

Unsuitable Sample ^{U/5}



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



Soil Analysis Certificate - Methodology & Miscellaneous Information	
QTS Environmental Report No: 17-64599	
BRD Environmental Ltd	
Site Reference: Armour Road, Tilehurst	
Project / Job Ref: BRD210736	
Order No: None Supplied	
Reporting Date: 27/09/2017	

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



Ian Hibberd
BRD Environmental Ltd
Hawthorne Villa
1 Old Parr Road
Banbury
Oxfordshire
OX16 5HT

QTS Environmental Ltd
Unit 1
Rose Lane Industrial Estate
Rose Lane
Lenham Heath
Kent
ME17 2JN
t: 01622 850410
russell.jarvis@qtsenvironmental.com

QTS Environmental Report No: 17-64600

Site Reference: Armour Road, Tilehurst

Project / Job Ref: BRD210736

Order No: None Supplied

Sample Receipt Date: 22/09/2017

Sample Scheduled Date: 22/09/2017

Report Issue Number: 1

Reporting Date: 27/09/2017

Authorised by:

A handwritten signature in black ink, appearing to read 'K Old'.

Kevin Old
Associate Director of Laboratory

Authorised by:

A handwritten signature in black ink, appearing to read 'R Jarvis'.

Russell Jarvis
Associate Director of Client Services

QTSE is the trading name of DETS Ltd, company registration number 03705645



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



Soil Analysis Certificate - Speciated PAHs						
QTS Environmental Report No: 17-64600	Date Sampled	18/09/17	18/09/17	20/09/17	18/09/17	20/09/17
BRD Environmental Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Armour Road, Tilehurst	TP / BH No	B1	B2	B4	F1	F2
Project / Job Ref: BRD210736	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	2.50	2.90	2.90	2.00	2.00
Reporting Date: 27/09/2017	QTSE Sample No	291924	291925	291926	291927	291928

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

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



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



Soil Analysis Certificate - Speciated PAHs						
QTS Environmental Report No: 17-64600	Date Sampled	20/09/17				
BRD Environmental Ltd	Time Sampled	None Supplied				
Site Reference: Armour Road, Tilehurst	TP / BH No	F3				
Project / Job Ref: BRD210736	Additional Refs	None Supplied				
Order No: None Supplied	Depth (m)	2.20				
Reporting Date: 27/09/2017	QTSE Sample No	291929				

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	< 0.1			
Pyrene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(a)anthracene	mg/kg	< 0.1	MCERTS	< 0.1			
Chrysene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(b)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(k)fluoranthene	mg/kg	< 0.1	MCERTS	< 0.1			
Benzo(a)pyrene	mg/kg	< 0.1	MCERTS	< 0.1			
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



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



Soil Analysis Certificate - TPH LQM Banded

QTS Environmental Report No: 17-64600	Date Sampled	18/09/17	18/09/17	20/09/17	18/09/17	20/09/17
BRD Environmental Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Armour Road, Tilehurst	TP / BH No	B1	B2	B4	F1	F2
Project / Job Ref: BRD210736	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	2.50	2.90	2.90	2.00	2.00
Reporting Date: 27/09/2017	QTSE Sample No	291924	291925	291926	291927	291928

Determinand	Unit	RL	Accreditation					
Aliphatic >C5 - C6	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic >C6 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aliphatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aliphatic >C12 - C16	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aliphatic >C16 - C35	mg/kg	< 10	MCERTS	131	< 10	< 10	< 10	< 10
Aliphatic >C35 - C44	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	< 10
Aliphatic (C5 - C44)	mg/kg	< 30	NONE	131	< 30	< 30	< 30	< 30
Aromatic >C5 - C7	mg/kg	< 0.01	NONE	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic >C7 - C8	mg/kg	< 0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Aromatic >C8 - C10	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C10 - C12	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C12 - C16	mg/kg	< 2	MCERTS	< 2	< 2	< 2	< 2	< 2
Aromatic >C16 - C21	mg/kg	< 3	MCERTS	< 3	< 3	< 3	< 3	< 3
Aromatic >C21 - C35	mg/kg	< 10	MCERTS	40	< 10	< 10	< 10	20
Aromatic >C35 - C44	mg/kg	< 10	NONE	< 10	< 10	< 10	< 10	< 10
Aromatic (>C5 - C44)	mg/kg	< 30	NONE	40	< 30	< 30	< 30	< 30
Total >C5 - C44	mg/kg	< 60	NONE	171	< 60	< 60	< 60	< 60

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



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



Soil Analysis Certificate - TPH LQM Banded

QTS Environmental Report No: 17-64600	Date Sampled	20/09/17				
BRD Environmental Ltd	Time Sampled	None Supplied				
Site Reference: Armour Road, Tilehurst	TP / BH No	F3				
Project / Job Ref: BRD210736	Additional Refs	None Supplied				
Order No: None Supplied	Depth (m)	2.20				
Reporting Date: 27/09/2017	QTSE Sample No	291929				

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 - C35	mg/kg	< 10	MCERTS	< 10			
Aliphatic >C35 - C44	mg/kg	< 10	NONE	< 10			
Aliphatic (C5 - C44)	mg/kg	< 30	NONE	< 30			
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 >C35 - C44	mg/kg	< 10	NONE	< 10			
Aromatic (>C5 - C44)	mg/kg	< 30	NONE	< 30			
Total >C5 - C44	mg/kg	< 60	NONE	< 60			

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



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



Soil Analysis Certificate - BTEX / MTBE						
QTS Environmental Report No: 17-64600	Date Sampled	18/09/17	18/09/17	20/09/17	18/09/17	20/09/17
BRD Environmental Ltd	Time Sampled	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Site Reference: Armour Road, Tilehurst	TP / BH No	B1	B2	B4	F1	F2
Project / Job Ref: BRD210736	Additional Refs	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Order No: None Supplied	Depth (m)	2.50	2.90	2.90	2.00	2.00
Reporting Date: 27/09/2017	QTSE Sample No	291924	291925	291926	291927	291928

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

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



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



Soil Analysis Certificate - BTEX / MTBE						
QTS Environmental Report No: 17-64600	Date Sampled	20/09/17				
BRD Environmental Ltd	Time Sampled	None Supplied				
Site Reference: Armour Road, Tilehurst	TP / BH No	F3				
Project / Job Ref: BRD210736	Additional Refs	None Supplied				
Order No: None Supplied	Depth (m)	2.20				
Reporting Date: 27/09/2017	QTSE Sample No	291929				

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



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



Soil Analysis Certificate - Sample Descriptions	
QTS Environmental Report No: 17-64600	
BRD Environmental Ltd	
Site Reference: Armour Road, Tilehurst	
Project / Job Ref: BRD210736	
Order No: None Supplied	
Reporting Date: 27/09/2017	

QTSE Sample No	TP / BH No	Additional Refs	Depth (m)	Moisture Content (%)	Sample Matrix Description
291924	B1	None Supplied	2.50	6.4	Light brown sandy clay with stones
291925	B2	None Supplied	2.90	4.4	Brown sandy clay with stones
291926	B4	None Supplied	2.90	8.1	Light brown sandy clay with stones
291927	F1	None Supplied	2.00	9.2	Light brown sand
291928	F2	None Supplied	2.00	11.7	Light brown sandy clay
291929	F3	None Supplied	2.20	8.9	Light brown sandy clay

Moisture content is part of procedure E003 & is not an accredited test
Insufficient Sample ^{1/S}
Unsuitable Sample ^{U/S}



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



Soil Analysis Certificate - Methodology & Miscellaneous Information				
QTS Environmental Report No: 17-64600				
BRD Environmental Ltd				
Site Reference: Armour Road, Tilehurst				
Project / Job Ref: BRD210736				
Order No: None Supplied				
Reporting Date: 27/09/2017				

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

APPENDIX 4

Records of contaminated waste removal

[illegible]

The Hazardous Waste Regulations 2005:
Consignment Note

Environment Agency
www.environment-agency.gov.uk

NOTE 1: Consignee details

1. Consignee name: **RIVERS 00001**

2. Consignee address: **Hyw Lwl, c/o Four Oaks Farm, Pwll Lla, Oswestry, Shropshire, CH21 2JY**

3. Consignee contact details: **As A2**

NOTE 2: Consignor details

1. Consignor name: **Environment Agency**

2. Consignor address: **4, 1, 2, 3, 4**

3. Consignor contact details: **As A2**

NOTE 3: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 4: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 5: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 6: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 7: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 8: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 9: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 10: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

Environment Agency
www.environment-agency.gov.uk

NOTE 1: Consignee details

1. Consignee name: **RIVERS 00001**

2. Consignee address: **Hyw Lwl, c/o Four Oaks Farm, Pwll Lla, Oswestry, Shropshire, CH21 2JY**

3. Consignee contact details: **As A2**

NOTE 2: Consignor details

1. Consignor name: **Environment Agency**

2. Consignor address: **4, 1, 2, 3, 4**

3. Consignor contact details: **As A2**

NOTE 3: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 4: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 5: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 6: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 7: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 8: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 9: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

NOTE 10: Consignment details

1. Consignment number: **1700000**

2. Consignment date: **17/00/00**

3. Consignment description: **As A2**

Form WACD00111
The Hazardous Waste Regulations 2005:
Consignment Note
PRODUCER'S/HOLDER'S/CONSIGNOR'S COPY

PART A Notification details

1. Consignment reference: **RIVERS/000002**

2. The waste consignment is being sent to the following address:
**Riverside Construction Services,
 14-16 Armour Rd, Hithurst
 RG30 3KN**

3. Hazardous waste (please specify): **As A2**

4. The waste is being sent to the following address:
**HWM Ltd, c/o Four Delta Farm,
 Poles Ln, Otterbourne
 RG21 2DY**

PART B Description of the waste

1. The producer/holder/consignor is: **Selective Excavation**

2. The waste is being sent to the following address:
4 9 1 2 0 2 1

3. The waste is being sent to the following address:
1 7 0 5 0 3

PART C Consignor's Details

1. Consignor's name: **J Mould (Reading)**

2. Consignor's address: **Hyde Crete Pit, Pingewood Road North,
 Reading, RG30 3KN**

3. Consignor's telephone: **0118 957 5555**

4. Consignor's fax: **0118 957 5552**

5. Consignor's email: **CRM@JMSM.co.uk**

6. Consignor's signature: **[Signature]**

7. Consignor's date: **2009/20/17**

PART D Consignee's Details

1. Consignee's name: **Riverside Construction Services**

2. Consignee's address: **11A Thomas Ave, Pangbourne,
 RG8 7AY**

3. Consignee's telephone: **[Signature]**

4. Consignee's date: **2009/20/17**

PART E Consignee's Certificate

1. Consignee's name: **[Signature]**

2. Consignee's address: **[Signature]**

3. Consignee's telephone: **[Signature]**

4. Consignee's date: **[Signature]**

VAT No. 844 6704 12
Recycle
J. Mould (Reading)
160522

Office: Hyde Crete Pit, Pingewood Road North, Reading, Berks. RG30 3KN
Telephone: (0118) 9512222 (0118) 9575555 Fax: (0118) 9560011

THIS TRANSFER NOTE FORMS PART OF YOUR 'DUTY OF CARE' UNDER THE ENVIRONMENTAL PROTECTION (DUTY OF CARE) REGULATIONS 1991 PLEASE TAKE CARE TO ENSURE THAT THE INFORMATION GIVEN IS CORRECT

DATE: **20/11/09** **VEHICLE REG. No.:** **160522** **NAME OF PERSON IN CHARGE OF VEHICLE:** **[Signature]**

CUSTOMER: **Riverside Construction** **ADDRESS:** **14-16 Armour Rd, Hithurst, Reading, RG30 3KN**

WASTE IS BEING: (PLEASE TICK)

Re-Used **Recycled** **Landfilled**

WASTE DESCRIPTION: (PLEASE TICK)

Excavated Soil & Stones **17 - 05 - 04**

Concrete **17 - 01 - 01**

Bricks **17 - 01 - 02**

Mixed Construction/Demo **17 - 09 - 04**

Other (Please Enter Code): **- - -**

SIC Code: **41100**

MATERIAL DESCRIPTION: **Hazardous waste**

WEIGHT OR VOLUME: **TONNES** **Kg**

Gross Weight of Vehicle at Weighbridge: **[Blank]**

Tare Weight of Vehicle: **[Blank]**

Net Weight: **[Blank]**

Signature: **[Signature]**

Registration No.: **CB/DU173096**

Issued by: **ENVIRONMENT AGENCY**

SIGNED BY PRODUCER/SITE: **[Signature]**

PRINT NAME: **[Blank]**

ADDRESS OF TIP/TRANSFER POINT: **HWM Ltd, c/o Four Delta Farm, Poles Ln, Otterbourne, Reading, RG21 2DY**

QUANTITY IN METERS: **LOAD SIZE:** **[Blank]**

Day Work: **Time on Site:** **Traveling Time:**

TOTAL HOURS: **SIGNED BY TIP OPERATOR:** **[Signature]** **SIGNED BY DRIVER:** **[Signature]**

This aggregate was produced under a quality scheme meeting the WRAP Aggregate Quality Protocol
The Company will not be responsible in any circumstances for damage to private property by our vehicles when delivering materials off the Public Road to customer's instructions
WHITE OFFICE / PINK TIP / GREEN ACCOUNTS / YELLOW CUSTOMER

Bulk Excavations, Grab Loaders, Tipper Hire, Job's, Bull Dozers, Low Loader Hire, Tipping Facilities, Crush Concrete, Top Soil

HW501e11

[illegible]

Riverside Construction Services

New Build Houses – Armour Road, Reading for Irongate Property Management

Records of screened, certificated topsoil imported to site 5 loads

CUSTOMER COPY

Grabloader Ltd
MOORES FARM

VAT Registration 812 8683 17 Company No 4722993
Highbrook Lambwood Hill Grazeley Reading Berkshire RG7 1JN
Tel 0118 9884142 Fax 0118 988 4155 E-mail enquiries@grabloader.co.uk
www.grabloader.co.uk

Conveyance Note No. **1799**

CB/DN5217CL
Thames Region - S.E. Area

CUSTOMER <i>Riverside Construction</i>		
Place of Loading <i>M/F</i>	Date & Time of Loading <i>26-8-2017</i> <i>08:15</i>	Vehicle Registration & Driver <i>RAS 7</i> <i>Paul</i>
Name & Address of Place of Delivery <i>14-16 Armour Road</i> <i>Tringham</i>		Order No.
Volume and/or Weight <i>Five Loads</i>	Description of Material <i>A-Soil</i>	
Note to Customer, Authorised Agents, Representatives or Responsible Person signing this ticket. Please read this ticket fully and inspect material agreeing quantity, quality and that everything is to your satisfaction before signing this receipt. We regret that we cannot under any circumstances entertain any claims concerning quantity or quality, once the vehicle has left the site and a signature has been given.		
Signed on behalf of Grabloader Ltd. <i>Paul Smith</i>		Received By <i>[Signature]</i>
Print Name <i>Paul Smith</i>		Print Name <i>S. Smith</i>

We can confirm that the Waste Hierarchy options have been applied ☐

J. Mould (Reading)

CONVEYANCE NOTE

VAT No. 844 6704 12

135565

Office: Hyde Crete Pit, Pingewood Road North, Reading, Berks. RG30 3XN
Telephone: (0118) 9512222 (0118) 9575555 Fax: (0118) 9560011



CUSTOMER <i>R. J. Smith Construction</i>
DESCRIPTION OF MATERIAL <i>Sieved Soil</i>
SITE ADDRESS <i>14-16a Airway Hill T. 10003</i>

TARE WEIGHT <i>15.070</i>

REGISTRATION	CONSEC NO
--------------	-----------

DATE	TIME
------	------

TARE WEIGHT

REGISTRATION <i>285718</i>	CONSEC NO <i>7104</i>
-------------------------------	--------------------------

DATE <i>10-08-07</i>	TIME <i>11:15</i>
-------------------------	----------------------

Registered
Waste
Carrier



Registered
No.
Issued
by:

EAN/953402

ENVIRONMENT
AGENCY

SIGNED BY WEIGH OPERATOR
[Signature]

GROSS WEIGHT <i>31.200</i>

Conditions

1. Certified that the above particulars are true and relate to the materials that are being conveyed in pursuance of:
 - a) Sale or an agreement for the sale thereof made by weight.
 - b) An agreement for the carriage thereof made by weight.
2. The materials delivered shall remain the property of the seller until such time as payment is received.

NET WEIGHT <i>16.720</i>

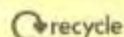
ORDER NO

SIGNED BY CUSTOMER <i>[Signature]</i>	CUSTOMER NAME (PRINT) <i>R. J. Smith</i>
SIGNED BY DRIVER <i>[Signature]</i>	DRIVERS NAME (PRINT) <i>[Signature]</i>

This aggregate was produced under a quality scheme meeting the WRAP Aggregate Quality Protocol
The Company will not be responsible in any circumstances for damage to private property by our
vehicles when delivering materials off the Public Road to customer's instructions
WHITE OFFICE / GREEN ACCOUNTS / YELLOW CUSTOMER / PINK OFFICE

B1025

VAT No. 844 6704 12


J. Mould (Reading)
CONVEYANCE NOTE C (Weight and Vol.)
CONTROLLED WASTE TRANSFER NOTE

159771

Office: Hyde Crete Pit, Pingewood Road North, Reading, Berks. RG30 3XN

Telephone: (0118) 9512222 (0118) 9575555 Fax: (0118) 9560011

THIS TRANSFER NOTE FORMS PART OF YOUR 'DUTY OF CARE' UNDER THE ENVIRONMENTAL PROTECTION
(DUTY OF CARE) REGULATIONS 1991 PLEASE TAKE CARE TO ENSURE THAT THE INFORMATION GIVEN IS CORRECT

DATE: 24/10/12 VEHICLE REG. No.: NAME OF PERSON IN CHARGE OF VEHICLE:

CUSTOMER: ADDRESS:

WASTE IS BEING: (PLEASE TICK)

Re-Used

Recycled

Landfilled



WASTE DESCRIPTION: (PLEASE TICK)

Excavated Soil & Stones



17 - 05 - 04

Concrete



17 - 01 - 01

Bricks



17 - 01 - 02

Mixed Construction/Demo



17 - 09 - 04

Other (Please Enter Code)



- -

SIC Code



MATERIAL DESCRIPTION

WEIGHT OR VOLUME TONNES Kg

Gross Weight of
Vehicle at Weighbridge

Tare Weight of Vehicle

Net Weight

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

(a) A sale or an agreement for the sale thereof made by weight.

(b) An agreement for the carriage thereof made by weight.

Delete (a) or (b) as applicable.

On behalf of the office:

We have applied the Waste Management Hierarchy as required
by regulation 12 of the Waste (England & Wales) regulations 2011.Registered
Waste
CarrierRegistration
No.Issued
by:

CB/DU173096

ENVIRONMENT
AGENCY

SIGNED BY PRODUCER/SITE

PRINT NAME

ADDRESS OF TIP/TRANSFER POINT

QUANTITY IN METERS

LOAD SIZE

Day Week
one or twoTraveling
Time:

TOTAL HOURS:

SIGNED BY TIP OPERATOR

SIGNED BY DRIVER

This aggregate was produced under a quality scheme meeting the WRAP Aggregate Quality Protocol
The Company will not be responsible in any circumstances for damage to private property by our
vehicles when delivering materials off the Public Road to customer's instructions
WHITE OFFICE / PINK TIP / GREEN ACCOUNTS / YELLOW CUSTOMER

Bulk Excavations, Grab Loaders, Tipper Hire, JCB's, Bull Dozers, Low Loader Hire, Tipping Facilities, Crush Concrete, Top Soil

J. Mould (Reading)

CONVEYANCE NOTE

VAT No. 844 6704 12

135769

Office: Hyde Crete Pit, Pingewood Road North, Reading, Berks. RG30 3XN

Telephone: (0118) 9512222 (0118) 9575555 Fax: (0118) 9560011



CUSTOMER

*Reading
Borough
Council*

DESCRIPTION OF MATERIAL

*Recycled
Soil*

SITE ADDRESS

*Hydrex
Hill
Tutbury*

TARE WEIGHT

13200 kg

REGISTRATION

CONSEC NO

DATE

TIME

TARE WEIGHT

REGISTRATION

CONSEC NO

DATE

TIME

Registered
Waste
CarrierRegistration
No.**EAN/953402**Issued
by**ENVIRONMENT
AGENCY**

SIGNED BY WEIGH OPERATOR

GROSS WEIGHT

32080 kg

NET WEIGHT

18880 kg

ORDER NO

Conditions

1. Certified that the above particulars are true and relate to the materials that are being conveyed in pursuance of:
 - a) Sale or an agreement for the sale thereof made by weight.
 - b) An agreement for the carriage thereof made by weight.
2. The materials delivered shall remain the property of the seller until such time as payment is received.

SIGNED BY CUSTOMER

CUSTOMER NAME (PRINT)

SIGNED BY DRIVER

DRIVERS NAME (PRINT)

This aggregate was produced under a quality scheme meeting the WRAP Aggregate Quality Protocol
The Company will not be responsible in any circumstances for damage to private property by our
vehicles when delivering materials off the Public Road to customer's instructions.

WHITE OFFICE / GREEN ACCOUNTS / YELLOW CUSTOMER / PINK OFFICE

B1026

CUSTOMER COPY

Grabloader Ltd
MOORES FARM

VAT Registration 812 8683 17 Company No 4722993
Highbrook Lambwood Hill Grazeley Reading Berkshire RG7 1JN
Tel 0118 9884142 Fax 0118 988 4155 E-mail ehquides@grabloader.co.uk
www.grabloader.co.uk

Conveyance Note No. **6427****CBDU 49864**

Thames Region - S.E. Area

CUSTOMER <i>Readers Digest</i>		
Place of Loading <i>77</i>	Date & Time of Loading <i>7-10-07</i>	Vehicle Registration & Driver <i>6-53 DP</i>
Name & Address of Place of Delivery <i>14, 16 Avenue Rd Teddington</i>		Order No.
Volume and/or Weight <i>1 x 6</i>	Description of Material <i>1/2 300</i>	
Note to Customer, Authorised Agents, Representatives or Responsible Person signing this ticket.		
Please read this ticket fully and inspect material agreeing quantity, quality and that everything is to your satisfaction before signing this receipt. We regret that we cannot under any circumstances entertain any claims concerning quantity or quality, once the vehicle has left the site and a signature has been given.		
Signed on behalf of Grabloader Ltd. <i>[Signature]</i>	Received By. <i>[Signature]</i>	
Print Name	Print Name	

We can confirm that the Waste Hierarchy options have been applied. ☒

Riverside Construction Services

Barrier water pipe invoice - product name 'Protectaline'

BSS CUSTOMER COPY *A/R*
Pipeline & Heating Solutions
Sales Invoice
18/5526101

BSS (UK) READING
UNIT A3, WORTON DRIVE
WORTON GRANGE
INDUSTRIAL E
READING, BERKSHIRE

In case of query phone
01189 238900

Name: BSS(UK)LTD READING C/SALES
Despatch To: Trade counter collect

Despatch Method: TRADE COUNTER

Invoice No: 260196
Tax Date: 07/08/17
Despatch No: 18/5526101
Contract: 000000
BSS Ref: 119000

ProductCode	Description	Quantity	VAT Cat	Amount
70820012	32 PROTECTALINE SDR11 50M COIL	200	2	1294.42

BSS VAT No. 408556737

VAT Cat.	Goods Value	VAT Value	Total Value
2	1294.42	258.88	1553.30
=====	=====	=====	=====
	1294.42	258.88	1553.30

SALE
TRANSACTION APPROVED
Total : GBP1553.30
ICC Visa
Card No : *****4731
PAN Seq No : 02
AID : A0000000031010
Merchant No: ***78422
Auth Code : 008549
TID : ****0048
PIN verified
07/08/2017 09:15
Please Retain For Your Records

Registered Office: Lodge Way House, Lodge Way, Harleston Road, Northampton, NN5 7UG
Registered No. 60987 England

Page 1 of 1

Protecta-Line Pipework

All text and product images are the intellectual property and copyright of Pipestock Limited

Key Features / Tech Specs:

- Award-winning, multi-layer barrier pipe
- Material: polyethylene inner and outer core, aluminium inner barrier layer
- Suitable for use in contaminated brownfield site
- Lightweight and flexible
- Quick and easy to install
- WRAS approved (complete system approval)
- Pipe conforms to BS 6572 or WIS 4-32-17 / BS EN 12201

