

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768692	768693	768694	768695	768696	768697	768698	768699	768700
Order No.: POR004740	Client Sample Ref.:				1-160	1-151	1-142	1-001	1-005	1-011	1-012	1-016	1-021
	Client Sample ID.:				DTS221.801-160	DTS230.801-151	DTS250.501-142	TP010.301-001	TP020.301-005	TP030.201-011	TP030.501-012	TP040.201-016	TP050.801-021
	Sample Location:				DTS22	DTS23	DTS25	TP01	TP02	TP03	TP03	TP04	TP05
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20	0.80
	Bottom Depth (m):				1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20	0.80
	Date Sampled:				29-Jan-2019	29-Jan-2019	29-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	23-Jan-2019
	Asbestos Lab:												DURHAM
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A									-
Asbestos Identification	U	2192	%	0.001									No Asbestos Detected
ACM Detection Stage	U	2192		N/A									-
Asbestos by Gravimetry	U	2192	%	0.001									
Total Asbestos	N	2192	%	0.001									
Moisture	N	2030	%	0.020	24	43	30	15	13	15	18	29	16
Soil Colour	N	2040		N/A	Brown	Brown		Brown	Brown	Brown	Brown	Brown	Brown
Other Material	N	2040		N/A	Wood	Stones		Stones	Roots	Roots	Roots	Stones	Stones
Soil Texture	N	2040		N/A	Sand	Sand		Clay	Clay	Clay	Clay	Clay	Sand
pH	M	2010		N/A	7.9	7.6	6.6	6.6	6.2	6.1	6.3	7.7	8.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40		1.4	1.0	0.58	< 0.40	0.53		0.63	0.63
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.27		< 0.010				< 0.010		
Total Sulphur	M	2175	%	0.010	0.13						< 0.010		
Nitrate (Water Soluble)	N	2220	g/l	0.010			< 0.010						
Cyanide (Complex)	M	2300	mg/kg	0.50		4.9	1.7	0.60	< 0.50	< 0.50		< 0.50	2.8
Cyanide (Free)	M	2300	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50		4.9	1.7	0.60	< 0.50	< 0.50		< 0.50	2.8
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50			1.7						
Sulphate (Acid Soluble)	M	2430	%	0.010	0.082						0.18		
Arsenic	M	2450	mg/kg	1.0		130	88	37	27	33		65	27
Beryllium	U	2450	mg/kg	1.0		9.6	9.4	1.5	1.1	1.2		2.5	1.2
Cadmium	M	2450	mg/kg	0.10		< 0.10	0.29	1.1	1.0	1.1		5.6	2.1
Chromium	M	2450	mg/kg	1.0		76	51	28	29	27		69	61
Copper	M	2450	mg/kg	0.50		830	230	140	53	58		110	950
Mercury	M	2450	mg/kg	0.10		1.6	0.90	0.21	0.19	0.23		0.45	0.39
Nickel	M	2450	mg/kg	0.50		140	110	38	31	35		200	51
Lead	M	2450	mg/kg	0.50		7400	420	320	120	130		160	620
Selenium	M	2450	mg/kg	0.20		1.1	0.38	0.87	1.5	2.5		1.6	< 0.20
Vanadium	U	2450	mg/kg	5.0		150	120	95	67	92		140	38
Zinc	M	2450	mg/kg	0.50		650	240	110	130	130		350	480
Chromium (Hexavalent)	N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50		< 0.50	< 0.50
Organic Matter	M	2625	%	0.40		29	26	8.4	4.7	5.5		9.0	8.5
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0			[C] < 1.0						

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Quotation No.:	Chemtest Sample ID.:			768692	768693	768694	768695	768696	768697	768698	768699
Order No.: POR004740	Client Sample Ref.:			1-160	1-151	1-142	1-001	1-005	1-011	1-012	1-016
	Client Sample ID.:			DTS221.801-160	DTS230.801-151	DTS250.501-142	TP010.301-001	TP020.301-005	TP030.201-011	TP030.501-012	TP040.201-016
	Sample Location:			DTS22	DTS23	DTS25	TP01	TP02	TP03	TP03	TP04
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Bottom Depth (m):			1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Date Sampled:			29-Jan-2019	29-Jan-2019	29-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019
	Asbestos Lab:										DURHAM
Determinand	Accred.	SOP	Units	LOD							
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0			[C] < 1.0				
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0			[C] < 1.0				
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0			[C] < 1.0				
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0			[C] < 1.0				
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0			[C] < 1.0				
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0			[C] < 1.0				
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0			[C] < 1.0				
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0			[C] < 5.0				
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0			[C] < 1.0				
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0			[C] < 1.0				
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0			[C] < 5.0				
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0			[C] < 10				
Dichlorodifluoromethane	U	2760	µg/kg	1.0			[C] < 1.0				
Chloromethane	M	2760	µg/kg	1.0			[C] < 1.0				
Vinyl Chloride	M	2760	µg/kg	1.0			[C] < 1.0				
Bromomethane	M	2760	µg/kg	20			[C] < 20				
Chloroethane	U	2760	µg/kg	2.0			[C] < 2.0				
Trichlorofluoromethane	M	2760	µg/kg	1.0			[C] < 1.0				
1,1-Dichloroethene	M	2760	µg/kg	1.0			[C] < 1.0				
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0			[C] < 1.0				
1,1-Dichloroethane	M	2760	µg/kg	1.0			[C] < 1.0				
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0			[C] < 1.0				
Bromochloromethane	U	2760	µg/kg	5.0			[C] < 5.0				
Trichloromethane	M	2760	µg/kg	1.0			[C] < 1.0				
1,1,1-Trichloroethane	M	2760	µg/kg	1.0			[C] < 1.0				
Tetrachloromethane	M	2760	µg/kg	1.0			[C] < 1.0				
1,1-Dichloropropene	U	2760	µg/kg	1.0			[C] < 1.0				
Benzene	M	2760	µg/kg	1.0			[C] < 1.0				
1,2-Dichloroethane	M	2760	µg/kg	2.0			[C] < 2.0				

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Quotation No.:	Chemtest Sample ID.:			768692	768693	768694	768695	768696	768697	768698	768699
Order No.: POR004740	Client Sample Ref.:			1-160	1-151	1-142	1-001	1-005	1-011	1-012	1-016
	Client Sample ID.:			DTS221.801-160	DTS230.801-151	DTS250.501-142	TP010.301-001	TP020.301-005	TP030.201-011	TP030.501-012	TP040.201-016
	Sample Location:			DTS22	DTS23	DTS25	TP01	TP02	TP03	TP03	TP04
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Bottom Depth (m):			1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Date Sampled:			29-Jan-2019	29-Jan-2019	29-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019
	Asbestos Lab:										DURHAM
Determinand	Accred.	SOP	Units	LOD							
Trichloroethene	N	2760	µg/kg	1.0			[C] < 1.0				
1,2-Dichloropropane	M	2760	µg/kg	1.0			[C] < 1.0				
Dibromomethane	M	2760	µg/kg	1.0			[C] < 1.0				
Bromodichloromethane	M	2760	µg/kg	5.0			[C] < 5.0				
cis-1,3-Dichloropropene	N	2760	µg/kg	10			[C] < 10				
Toluene	M	2760	µg/kg	1.0			[C] < 1.0				
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			[C] < 10				
1,1,2-Trichloroethane	M	2760	µg/kg	10			[C] < 10				
Tetrachloroethene	M	2760	µg/kg	1.0			[C] < 1.0				
1,3-Dichloropropane	U	2760	µg/kg	2.0			[C] < 2.0				
Dibromochloromethane	U	2760	µg/kg	10			[C] < 10				
1,2-Dibromoethane	M	2760	µg/kg	5.0			[C] < 5.0				
Chlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0				
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0			[C] < 2.0				
Ethylbenzene	M	2760	µg/kg	1.0			[C] < 1.0				
m & p-Xylene	M	2760	µg/kg	1.0			[C] < 1.0				
o-Xylene	M	2760	µg/kg	1.0			[C] < 1.0				
Styrene	M	2760	µg/kg	1.0			[C] < 1.0				
Tribromomethane	U	2760	µg/kg	1.0			[C] < 1.0				
Isopropylbenzene	M	2760	µg/kg	1.0			[C] < 1.0				
Bromobenzene	M	2760	µg/kg	1.0			[C] < 1.0				
1,2,3-Trichloropropane	N	2760	µg/kg	50			[C] < 50				
N-Propylbenzene	U	2760	µg/kg	1.0			[C] < 1.0				
2-Chlorotoluene	M	2760	µg/kg	1.0			[C] < 1.0				
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0			[C] < 1.0				
4-Chlorotoluene	U	2760	µg/kg	1.0			[C] < 1.0				
Tert-Butylbenzene	U	2760	µg/kg	1.0			[C] < 1.0				
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0			[C] < 1.0				
Sec-Butylbenzene	U	2760	µg/kg	1.0			[C] < 1.0				
1,3-Dichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0				
4-Isopropyltoluene	U	2760	µg/kg	1.0			[C] < 1.0				
1,4-Dichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0				
N-Butylbenzene	U	2760	µg/kg	1.0			[C] < 1.0				
1,2-Dichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0				
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			[C] < 50				

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Quotation No.:	Chemtest Sample ID.:			768692	768693	768694	768695	768696	768697	768698	768699
Order No.: POR004740	Client Sample Ref.:			1-160	1-151	1-142	1-001	1-005	1-011	1-012	1-016
	Client Sample ID.:			DTS221.801-160	DTS230.801-151	DTS250.501-142	TP010.301-001	TP020.301-005	TP030.201-011	TP030.501-012	TP040.201-016
	Sample Location:			DTS22	DTS23	DTS25	TP01	TP02	TP03	TP03	TP04
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Bottom Depth (m):			1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Date Sampled:			29-Jan-2019	29-Jan-2019	29-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019
	Asbestos Lab:										DURHAM
Determinand	Accred.	SOP	Units	LOD							
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0				
Hexachlorobutadiene	U	2760	µg/kg	1.0			[C] < 1.0				
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0			[C] < 2.0				
Carbon Disulphide	N	2760	µg/kg	50			[C] < 50				
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0			[C] < 1.0				
N-Nitrosodimethylamine	N	2790	mg/kg	0.050			[C] < 0.050				
Phenol	N	2790	mg/kg	0.050			[C] < 0.050				
2-Chlorophenol	N	2790	mg/kg	0.050			[C] < 0.050				
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050			[C] < 0.050				
1,3-Dichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050				
1,4-Dichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050				
1,2-Dichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050				
2-Methylphenol	N	2790	mg/kg	0.050			[C] < 0.050				
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050			[C] < 0.050				
Hexachloroethane	N	2790	mg/kg	0.050			[C] < 0.050				
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050			[C] < 0.050				
4-Methylphenol	N	2790	mg/kg	0.050			[C] < 0.050				
Nitrobenzene	N	2790	mg/kg	0.050			[C] < 0.050				
Isophorone	N	2790	mg/kg	0.050			[C] < 0.050				
2-Nitrophenol	N	2790	mg/kg	0.050			[C] < 0.050				
2,4-Dimethylphenol	N	2790	mg/kg	0.050			[C] < 0.050				
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050			[C] < 0.050				
2,4-Dichlorophenol	N	2790	mg/kg	0.050			[C] < 0.050				
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050				
Naphthalene	N	2790	mg/kg	0.050			[C] 0.17				
4-Chloroaniline	N	2790	mg/kg	0.050			[C] < 0.050				
Hexachlorobutadiene	N	2790	mg/kg	0.050			[C] < 0.050				
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050			[C] < 0.050				
2-Methylnaphthalene	N	2790	mg/kg	0.050			[C] 0.17				
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050			[C] < 0.050				
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050			[C] < 0.050				
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050			[C] < 0.050				
2-Chloronaphthalene	N	2790	mg/kg	0.050			[C] < 0.050				
2-Nitroaniline	N	2790	mg/kg	0.050			[C] < 0.050				
Acenaphthylene	N	2790	mg/kg	0.050			[C] < 0.050				

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	Sample Location:				DTS22	DTS23	DTS25	TP01	TP02	TP03	TP03	TP04	TP05
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20	0.80
	Bottom Depth (m):				1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20	0.80
	Date Sampled:				29-Jan-2019	29-Jan-2019	29-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	23-Jan-2019
	Asbestos Lab:												DURHAM
Determinand	Accred.	SOP	Units	LOD									
Dimethylphthalate	N	2790	mg/kg	0.050			[C] < 0.050						
2,6-Dinitrotoluene	N	2790	mg/kg	0.050			[C] < 0.050						
Acenaphthene	N	2790	mg/kg	0.050			[C] < 0.050						
3-Nitroaniline	N	2790	mg/kg	0.050			[C] < 0.050						
Dibenzofuran	N	2790	mg/kg	0.050			[C] < 0.050						
4-Chlorophenylphenylether	N	2790	mg/kg	0.050			[C] < 0.050						
2,4-Dinitrotoluene	N	2790	mg/kg	0.050			[C] < 0.050						
Fluorene	N	2790	mg/kg	0.050			[C] < 0.050						
Diethyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050						
4-Nitroaniline	N	2790	mg/kg	0.050			[C] < 0.050						
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050			[C] < 0.050						
Azobenzene	N	2790	mg/kg	0.050			[C] < 0.050						
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050			[C] < 0.050						
Hexachlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050						
Pentachlorophenol	N	2790	mg/kg	0.050			[C] < 0.050						
Phenanthrene	N	2790	mg/kg	0.050			[C] 0.11						
Anthracene	N	2790	mg/kg	0.050			[C] < 0.050						
Carbazole	N	2790	mg/kg	0.050			[C] < 0.050						
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050						
Fluoranthene	N	2790	mg/kg	0.050			[C] 0.14						
Pyrene	N	2790	mg/kg	0.050			[C] 0.19						
Butylbenzyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050						
Benzo[a]anthracene	N	2790	mg/kg	0.050			[C] 0.20						
Chrysene	N	2790	mg/kg	0.050			[C] 0.14						
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050			[C] < 0.050						
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050						
Benzo[b]fluoranthene	N	2790	mg/kg	0.050			[C] 0.24						
Benzo[k]fluoranthene	N	2790	mg/kg	0.050			[C] 0.085						
Benzo[a]pyrene	N	2790	mg/kg	0.050			[C] 0.23						
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050			[C] 0.085						
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050			[C] < 0.050						
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050			[C] 0.17						
4-Nitrophenol	N	2790	mg/kg	0.050			[C] < 0.050						
Naphthalene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10	0.54
Acenaphthylene	N	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10	0.99

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768692	768693	768694	768695	768696	768697	768698	768699
Order No.: POR004740	Client Sample Ref.:				1-160	1-151	1-142	1-001	1-005	1-011	1-012	1-016
	Client Sample ID.:				DTS221.801-160	DTS230.801-151	DTS250.501-142	TP010.301-001	TP020.301-005	TP030.201-011	TP030.501-012	TP040.201-016
	Sample Location:				DTS22	DTS23	DTS25	TP01	TP02	TP03	TP03	TP04
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Bottom Depth (m):				1.80	0.80	0.50	0.30	0.30	0.20	0.50	0.20
	Date Sampled:				29-Jan-2019	29-Jan-2019	29-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019	24-Jan-2019
	Asbestos Lab:											DURHAM
Determinand	Accred.	SOP	Units	LOD								
Acenaphthene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Fluorene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Phenanthrene	M	2800	mg/kg	0.10		0.34		< 0.10	0.11	0.18		< 0.10
Anthracene	M	2800	mg/kg	0.10		0.14		< 0.10	< 0.10	< 0.10		< 0.10
Fluoranthene	M	2800	mg/kg	0.10		0.43		< 0.10	0.30	0.32		< 0.10
Pyrene	M	2800	mg/kg	0.10		0.44		< 0.10	0.27	0.31		< 0.10
Benzo[a]anthracene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Chrysene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Benzo[b]fluoranthene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Benzo[k]fluoranthene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Benzo[a]pyrene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10	< 0.10		< 0.10
Total Of 16 PAH's	N	2800	mg/kg	2.0		< 2.0		< 2.0	< 2.0	< 2.0		< 2.0
Total Phenols	M	2920	mg/kg	0.30		< 0.30	< 0.30	< 0.30	< 0.30	< 0.30		< 0.30
VOC TIC	N	2760	µg/kg	N/A			None Detected					

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768701	768702	768704	768706	768707	768708	768709	768710	768711
Order No.: POR004740	Client Sample Ref.:				1-022	1-023	1-026	1-049	1-057	1-062	1-094	1-110	1-111
	Client Sample ID.:				TP051.201-022	TP051.801-023	TP060.301-026	TP090.801-049	TP100.801-057	TP110.301-062	TP160.501-094	TP180.501-110	TP180.801-111
	Sample Location:				TP05	TP05	TP06	TP09	TP10	TP11	TP16	TP18	TP18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Bottom Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Date Sampled:				23-Jan-2019	23-Jan-2019	23-Jan-2019	22-Jan-2019	22-Jan-2019	23-Jan-2019	22-Jan-2019	23-Jan-2019	23-Jan-2019
	Asbestos Lab:												DURHAM
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A									Fibres/Clumps
Asbestos Identification	U	2192	%	0.001									Chrysotile
ACM Detection Stage	U	2192		N/A									Stereo Microscopy
Asbestos by Gravimetry	U	2192	%	0.001									<0.001
Total Asbestos	N	2192	%	0.001									<0.001
Moisture	N	2030	%	0.020	10	9.8	16	27	24	14	22	14	
Soil Colour	N	2040		N/A			Brown		Brown	Brown	Brown	Brown	
Other Material	N	2040		N/A			Roots		Stones	Roots	Stones	Stones	
Soil Texture	N	2040		N/A			Clay		Sand	Clay	Clay	Clay	
pH	M	2010		N/A	8.4	9.0	7.3	7.3	8.2	7.2	8.3	8.3	
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.55	0.58	< 0.40	0.75	< 0.40	< 0.40			
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	< 0.010	0.018		< 0.010			0.040	< 0.010	
Total Sulphur	M	2175	%	0.010							0.23	0.24	
Nitrate (Water Soluble)	N	2220	g/l	0.010	< 0.010	< 0.010		< 0.010					
Cyanide (Complex)	M	2300	mg/kg	0.50	1.6	1.0	< 0.50	[B] < 0.50	[B] 4.9	< 0.50			
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50	[B] < 0.50	[B] < 0.50	< 0.50			
Cyanide (Total)	M	2300	mg/kg	0.50	1.6	1.0	< 0.50	[B] < 0.50	[B] 4.9	< 0.50			
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50	0.58	< 0.50		< 0.50					
Sulphate (Acid Soluble)	M	2430	%	0.010							0.22	0.17	
Arsenic	M	2450	mg/kg	1.0	41	46	24	62	74	18			
Beryllium	U	2450	mg/kg	1.0	2.1	2.4	< 1.0	3.6	4.9	< 1.0			
Cadmium	M	2450	mg/kg	0.10	1.4	1.6	0.93	4.9	1.1	0.71			
Chromium	M	2450	mg/kg	1.0	33	30	25	67	42	23			
Copper	M	2450	mg/kg	0.50	150	160	41	500	450	32			
Mercury	M	2450	mg/kg	0.10	0.51	1.9	0.15	0.27	0.31	0.16			
Nickel	M	2450	mg/kg	0.50	51	55	24	170	71	29			
Lead	M	2450	mg/kg	0.50	870	700	100	63	460	64			
Selenium	M	2450	mg/kg	0.20	< 0.20	< 0.20	1.4	6.8	1.1	0.62			
Vanadium	U	2450	mg/kg	5.0	41	45	90	300	69	46			
Zinc	M	2450	mg/kg	0.50	550	1200	81	170	440	80			
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
Organic Matter	M	2625	%	0.40	6.6	8.5	4.8	8.6	28	3.1			
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 1.0	< 1.0		[B] < 1.0					

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:		768701	768702	768704	768706	768707	768708	768709	768710	768711
Order No.: POR004740	Client Sample Ref.:		1-022	1-023	1-026	1-049	1-057	1-062	1-094	1-110	1-111
	Client Sample ID.:		TP051.201-022	TP051.801-023	TP060.301-026	TP090.801-049	TP100.801-057	TP110.301-062	TP160.501-094	TP180.501-110	TP180.801-111
	Sample Location:		TP05	TP05	TP06	TP09	TP10	TP11	TP16	TP18	TP18
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Bottom Depth (m):		1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Date Sampled:		23-Jan-2019	23-Jan-2019	23-Jan-2019	22-Jan-2019	22-Jan-2019	23-Jan-2019	22-Jan-2019	23-Jan-2019	23-Jan-2019
	Asbestos Lab:										DURHAM
Determinand	Accred.	SOP	Units	LOD							
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0	< 1.0	1.0	[B] < 1.0				
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0	< 1.0	15	[B] < 1.0				
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0	31	54	[B] < 1.0				
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	31	71	[B] < 5.0				
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0	< 1.0	1.9	[B] < 1.0				
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0	6.7	34	[B] < 1.0				
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	75	200	[B] < 1.0				
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0	330	750	[B] < 1.0				
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	14	52	[B] < 1.0				
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	430	1000	[B] < 5.0				
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	460	1100	[B] < 10				
Dichlorodifluoromethane	U	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Chloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Vinyl Chloride	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Bromomethane	M	2760	µg/kg	20	< 20	< 20	[B] < 20				
Chloroethane	U	2760	µg/kg	2.0	< 2.0	< 2.0	[B] < 2.0				
Trichlorofluoromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
1,1-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
1,1-Dichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Bromochloromethane	U	2760	µg/kg	5.0	< 5.0	< 5.0	[B] < 5.0				
Trichloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
1,1,1-Trichloroethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Tetrachloromethane	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
1,1-Dichloropropene	U	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
Benzene	M	2760	µg/kg	1.0	< 1.0	< 1.0	[B] < 1.0				
1,2-Dichloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0	[B] < 2.0				

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768701	768702	768704	768706	768707	768708	768709	768710	768711	768711
Order No.: POR004740	Client Sample Ref.:				1-022	1-023	1-026	1-049	1-057	1-062	1-094	1-110	1-111	1-111
	Client Sample ID.:				TP051.201-022	TP051.801-023	TP060.301-026	TP090.801-049	TP100.801-057	TP110.301-062	TP160.501-094	TP180.501-110	TP180.801-111	
	Sample Location:				TP05	TP05	TP06	TP09	TP10	TP11	TP16	TP18	TP18	
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
	Top Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80	
	Bottom Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80	
	Date Sampled:				23-Jan-2019	23-Jan-2019	23-Jan-2019	22-Jan-2019	22-Jan-2019	23-Jan-2019	22-Jan-2019	23-Jan-2019	23-Jan-2019	
	Asbestos Lab:												DURHAM	
Determinand	Accred.	SOP	Units	LOD										
Trichloroethene	N	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,2-Dichloropropane	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Dibromomethane	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Bromodichloromethane	M	2760	µg/kg	5.0	< 5.0	< 5.0		[B] < 5.0						
cis-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10		[B] < 10						
Toluene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Trans-1,3-Dichloropropene	N	2760	µg/kg	10	< 10	< 10		[B] < 10						
1,1,2-Trichloroethane	M	2760	µg/kg	10	< 10	< 10		[B] < 10						
Tetrachloroethene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,3-Dichloropropane	U	2760	µg/kg	2.0	< 2.0	< 2.0		[B] < 2.0						
Dibromochloromethane	U	2760	µg/kg	10	< 10	< 10		[B] < 10						
1,2-Dibromoethane	M	2760	µg/kg	5.0	< 5.0	< 5.0		[B] < 5.0						
Chlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0	< 2.0	< 2.0		[B] < 2.0						
Ethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
m & p-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
o-Xylene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Styrene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Tribromomethane	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Isopropylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Bromobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,2,3-Trichloropropane	N	2760	µg/kg	50	< 50	< 50		[B] < 50						
N-Propylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
2-Chlorotoluene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
4-Chlorotoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Tert-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
Sec-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,3-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
4-Isopropyltoluene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,4-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
N-Butylbenzene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,2-Dichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0						
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50	< 50	< 50		[B] < 50						

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768701	768702	768704	768706	768707	768708	768709	768710	768711
Order No.: POR004740	Client Sample Ref.:				1-022	1-023	1-026	1-049	1-057	1-062	1-094	1-110	1-111
	Client Sample ID.:				TP051.201-022	TP051.801-023	TP060.301-026	TP090.801-049	TP100.801-057	TP110.301-062	TP160.501-094	TP180.501-110	TP180.801-111
	Sample Location:				TP05	TP05	TP06	TP09	TP10	TP11	TP16	TP18	TP18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Bottom Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Date Sampled:				23-Jan-2019	23-Jan-2019	23-Jan-2019	22-Jan-2019	22-Jan-2019	23-Jan-2019	22-Jan-2019	23-Jan-2019	23-Jan-2019
	Asbestos Lab:												DURHAM
Determinand	Accred.	SOP	Units	LOD									
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0					
Hexachlorobutadiene	U	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0					
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0	< 2.0	< 2.0		[B] < 2.0					
Carbon Disulphide	N	2760	µg/kg	50	< 50	< 50		[B] < 50					
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0	< 1.0	< 1.0		[B] < 1.0					
N-Nitrosodimethylamine	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Phenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2-Chlorophenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
1,3-Dichlorobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
1,4-Dichlorobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
1,2-Dichlorobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2-Methylphenol	N	2790	mg/kg	0.050	< 0.050	0.055		[B] < 0.050					
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Hexachloroethane	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
4-Methylphenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Nitrobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Isophorone	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2-Nitrophenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2,4-Dimethylphenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2,4-Dichlorophenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Naphthalene	N	2790	mg/kg	0.050	0.43	0.78		[B] < 0.050					
4-Chloroaniline	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Hexachlorobutadiene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2-Methylnaphthalene	N	2790	mg/kg	0.050	0.32	0.38		[B] < 0.050					
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2-Chloronaphthalene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
2-Nitroaniline	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050					
Acenaphthylene	N	2790	mg/kg	0.050	2.7	2.4		[B] < 0.050					

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:			19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:			768701	768702	768704	768706	768707	768708	768709	768710
Order No.: POR004740	Client Sample Ref.:			1-022	1-023	1-026	1-049	1-057	1-062	1-094	1-110
	Client Sample ID.:			TP051.201-022	TP051.801-023	TP060.301-026	TP090.801-049	TP100.801-057	TP110.301-062	TP160.501-094	TP180.501-110
	Sample Location:			TP05	TP05	TP06	TP09	TP10	TP11	TP16	TP18
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50
	Bottom Depth (m):			1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50
	Date Sampled:			23-Jan-2019	23-Jan-2019	23-Jan-2019	22-Jan-2019	22-Jan-2019	23-Jan-2019	22-Jan-2019	23-Jan-2019
	Asbestos Lab:										DURHAM
Determinand	Accred.	SOP	Units	LOD							
Dimethylphthalate	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
2,6-Dinitrotoluene	N	2790	mg/kg	0.050	< 0.050	0.13		[B] < 0.050			
Acenaphthene	N	2790	mg/kg	0.050	0.75	0.96		[B] < 0.050			
3-Nitroaniline	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Dibenzofuran	N	2790	mg/kg	0.050	0.85	1.3		[B] < 0.050			
4-Chlorophenylphenylether	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
2,4-Dinitrotoluene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Fluorene	N	2790	mg/kg	0.050	1.9	2.7		[B] < 0.050			
Diethyl Phthalate	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
4-Nitroaniline	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050	< 0.050	0.089		[B] < 0.050			
Azobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Hexachlorobenzene	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Pentachlorophenol	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Phenanthrene	N	2790	mg/kg	0.050	12	14		[B] < 0.050			
Anthracene	N	2790	mg/kg	0.050	5.3	5.7		[B] < 0.050			
Carbazole	N	2790	mg/kg	0.050	0.62	0.68		[B] < 0.050			
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Fluoranthene	N	2790	mg/kg	0.050	27	24		[B] 0.21			
Pyrene	N	2790	mg/kg	0.050	27	24		[B] 0.29			
Butylbenzyl Phthalate	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Benzo[a]anthracene	N	2790	mg/kg	0.050	13	13		[B] < 0.050			
Chrysene	N	2790	mg/kg	0.050	13	11		[B] < 0.050			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050	< 0.050	0.14		[B] < 0.050			
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050	< 0.050	< 0.050		[B] < 0.050			
Benzo[b]fluoranthene	N	2790	mg/kg	0.050	14	13		[B] < 0.050			
Benzo[k]fluoranthene	N	2790	mg/kg	0.050	7.5	6.6		[B] < 0.050			
Benzo[a]pyrene	N	2790	mg/kg	0.050	13	13		[B] < 0.050			
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050	8.0	6.4		[B] < 0.050			
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050	2.7	2.3		[B] < 0.050			
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050	9.3	7.5		[B] < 0.050			
4-Nitrophenol	N	2790	mg/kg	0.050	< 0.050	0.14		[B] < 0.050			
Naphthalene	M	2800	mg/kg	0.10			< 0.10		0.55	< 0.10	
Acenaphthylene	N	2800	mg/kg	0.10			< 0.10		0.44	< 0.10	

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768701	768702	768704	768706	768707	768708	768709	768710	768711
Order No.: POR004740	Client Sample Ref.:				1-022	1-023	1-026	1-049	1-057	1-062	1-094	1-110	1-111
	Client Sample ID.:				TP051.201-022	TP051.801-023	TP060.301-026	TP090.801-049	TP100.801-057	TP110.301-062	TP160.501-094	TP180.501-110	TP180.801-111
	Sample Location:				TP05	TP05	TP06	TP09	TP10	TP11	TP16	TP18	TP18
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Bottom Depth (m):				1.20	1.80	0.30	0.80	0.80	0.30	0.50	0.50	0.80
	Date Sampled:				23-Jan-2019	23-Jan-2019	23-Jan-2019	22-Jan-2019	22-Jan-2019	23-Jan-2019	22-Jan-2019	23-Jan-2019	23-Jan-2019
	Asbestos Lab:												DURHAM
Determinand	Accred.	SOP	Units	LOD									
Acenaphthene	M	2800	mg/kg	0.10			< 0.10		0.33	< 0.10			
Fluorene	M	2800	mg/kg	0.10			< 0.10		0.32	< 0.10			
Phenanthrene	M	2800	mg/kg	0.10			0.49		7.7	< 0.10			
Anthracene	M	2800	mg/kg	0.10			< 0.10		2.0	< 0.10			
Fluoranthene	M	2800	mg/kg	0.10			0.35		21	< 0.10			
Pyrene	M	2800	mg/kg	0.10			0.33		19	< 0.10			
Benzo[a]anthracene	M	2800	mg/kg	0.10			< 0.10		12	< 0.10			
Chrysene	M	2800	mg/kg	0.10			< 0.10		12	< 0.10			
Benzo[b]fluoranthene	M	2800	mg/kg	0.10			< 0.10		18	< 0.10			
Benzo[k]fluoranthene	M	2800	mg/kg	0.10			< 0.10		6.0	< 0.10			
Benzo[a]pyrene	M	2800	mg/kg	0.10			< 0.10		15	< 0.10			
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10			< 0.10		10	< 0.10			
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10			< 0.10		1.1	< 0.10			
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10			< 0.10		10	< 0.10			
Total Of 16 PAH's	N	2800	mg/kg	2.0			< 2.0		140	< 2.0			
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30			
VOC TIC	N	2760	µg/kg	N/A	None Detected	None Detected		[B] None Detected					

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:				768712	768713	768714	768715	768716
Order No.: POR004740	Client Sample Ref.:				1-113	1-114	1-115	1-126	1-128
	Client Sample ID.:				TP181.201-113	TP181.401-114	TP181.601-115	TP200.501-126	TP201.201-128
	Sample Location:				TP18	TP18	TP18	TP20	TP20
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				1.20	1.40	1.60	0.50	1.20
	Bottom Depth (m):				1.20	1.40	1.60	0.50	1.20
	Date Sampled:				23-Jan-2019	23-Jan-2019	23-Jan-2019	21-Jan-2019	21-Jan-2019
	Asbestos Lab:				DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD					
ACM Type	U	2192		N/A	Gasket/Rope	Fibres/Clumps	Fibres/Clumps		
Asbestos Identification	U	2192	%	0.001	Chrysotile	Chrysotile	Chrysotile		
ACM Detection Stage	U	2192		N/A	Screen Visible by Eye	Stereo Microscopy	Stereo Microscopy		
Asbestos by Gravimetry	U	2192	%	0.001					
Total Asbestos	N	2192	%	0.001					
Moisture	N	2030	%	0.020				30	38
Soil Colour	N	2040		N/A				Brown	
Other Material	N	2040		N/A				Stones	
Soil Texture	N	2040		N/A				Clay	
pH	M	2010		N/A				7.3	7.2
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40					< 0.40
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010				< 0.010	< 0.010
Total Sulphur	M	2175	%	0.010				0.057	
Nitrate (Water Soluble)	N	2220	g/l	0.010					< 0.010
Cyanide (Complex)	M	2300	mg/kg	0.50					[B] < 0.50
Cyanide (Free)	M	2300	mg/kg	0.50					[B] < 0.50
Cyanide (Total)	M	2300	mg/kg	0.50					[B] < 0.50
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50					0.58
Sulphate (Acid Soluble)	M	2430	%	0.010				0.027	
Arsenic	M	2450	mg/kg	1.0					51
Beryllium	U	2450	mg/kg	1.0					1.3
Cadmium	M	2450	mg/kg	0.10					0.45
Chromium	M	2450	mg/kg	1.0					35
Copper	M	2450	mg/kg	0.50					170
Mercury	M	2450	mg/kg	0.10					0.14
Nickel	M	2450	mg/kg	0.50					16
Lead	M	2450	mg/kg	0.50					49
Selenium	M	2450	mg/kg	0.20					15
Vanadium	U	2450	mg/kg	5.0					87
Zinc	M	2450	mg/kg	0.50					71
Chromium (Hexavalent)	N	2490	mg/kg	0.50					< 0.50
Organic Matter	M	2625	%	0.40					2.8
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0					[B] < 1.0

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:		768712	768713	768714	768715	768716
Order No.: POR004740	Client Sample Ref.:		1-113	1-114	1-115	1-126	1-128
	Client Sample ID.:		TP181.201-113	TP181.401-114	TP181.601-115	TP200.501-126	TP201.201-128
	Sample Location:		TP18	TP18	TP18	TP20	TP20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.20	1.40	1.60	0.50	1.20
	Bottom Depth (m):		1.20	1.40	1.60	0.50	1.20
	Date Sampled:		23-Jan-2019	23-Jan-2019	23-Jan-2019	21-Jan-2019	21-Jan-2019
	Asbestos Lab:		DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD			
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0			[B] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0			[B] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0			[B] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0			[B] < 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0			[B] < 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0			[B] < 1.0
Chloromethane	M	2760	µg/kg	1.0			[B] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0			[B] < 1.0
Bromomethane	M	2760	µg/kg	20			[B] < 20
Chloroethane	U	2760	µg/kg	2.0			[B] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0			[B] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0			[B] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0			[B] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0			[B] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0			[B] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0			[B] < 5.0
Trichloromethane	M	2760	µg/kg	1.0			[B] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0			[B] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0			[B] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0			[B] < 1.0
Benzene	M	2760	µg/kg	1.0			[B] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0			[B] < 2.0

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:		768712	768713	768714	768715	768716
Order No.: POR004740	Client Sample Ref.:		1-113	1-114	1-115	1-126	1-128
	Client Sample ID.:		TP181.201-113	TP181.401-114	TP181.601-115	TP200.501-126	TP201.201-128
	Sample Location:		TP18	TP18	TP18	TP20	TP20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.20	1.40	1.60	0.50	1.20
	Bottom Depth (m):		1.20	1.40	1.60	0.50	1.20
	Date Sampled:		23-Jan-2019	23-Jan-2019	23-Jan-2019	21-Jan-2019	21-Jan-2019
	Asbestos Lab:		DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD			
Trichloroethene	N	2760	µg/kg	1.0			[B] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0			[B] < 1.0
Dibromomethane	M	2760	µg/kg	1.0			[B] < 1.0
Bromodichloromethane	M	2760	µg/kg	5.0			[B] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10			[B] < 10
Toluene	M	2760	µg/kg	1.0			[B] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			[B] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10			[B] < 10
Tetrachloroethene	M	2760	µg/kg	1.0			[B] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0			[B] < 2.0
Dibromochloromethane	U	2760	µg/kg	10			[B] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0			[B] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0			[B] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0			[B] < 1.0
o-Xylene	M	2760	µg/kg	1.0			[B] < 1.0
Styrene	M	2760	µg/kg	1.0			[B] < 1.0
Tribromomethane	U	2760	µg/kg	1.0			[B] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
Bromobenzene	M	2760	µg/kg	1.0			[B] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50			[B] < 50
N-Propylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0			[B] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0			[B] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0			[B] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			[B] < 50

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:		768712	768713	768714	768715	768716
Order No.: POR004740	Client Sample Ref.:		1-113	1-114	1-115	1-126	1-128
	Client Sample ID.:		TP181.201-113	TP181.401-114	TP181.601-115	TP200.501-126	TP201.201-128
	Sample Location:		TP18	TP18	TP18	TP20	TP20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.20	1.40	1.60	0.50	1.20
	Bottom Depth (m):		1.20	1.40	1.60	0.50	1.20
	Date Sampled:		23-Jan-2019	23-Jan-2019	23-Jan-2019	21-Jan-2019	21-Jan-2019
	Asbestos Lab:		DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD			
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0			[B] < 1.0
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0			[B] < 2.0
Carbon Disulphide	N	2760	µg/kg	50			[B] < 50
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0			[B] < 1.0
N-Nitrosodimethylamine	N	2790	mg/kg	0.050			[B] < 0.050
Phenol	N	2790	mg/kg	0.050			[B] < 0.050
2-Chlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050			[B] < 0.050
1,3-Dichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
1,4-Dichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
1,2-Dichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
2-Methylphenol	N	2790	mg/kg	0.050			[B] < 0.050
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050			[B] < 0.050
Hexachloroethane	N	2790	mg/kg	0.050			[B] < 0.050
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050			[B] < 0.050
4-Methylphenol	N	2790	mg/kg	0.050			[B] < 0.050
Nitrobenzene	N	2790	mg/kg	0.050			[B] < 0.050
Isophorone	N	2790	mg/kg	0.050			[B] < 0.050
2-Nitrophenol	N	2790	mg/kg	0.050			[B] < 0.050
2,4-Dimethylphenol	N	2790	mg/kg	0.050			[B] < 0.050
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050			[B] < 0.050
2,4-Dichlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
Naphthalene	N	2790	mg/kg	0.050			[B] < 0.050
4-Chloroaniline	N	2790	mg/kg	0.050			[B] < 0.050
Hexachlorobutadiene	N	2790	mg/kg	0.050			[B] < 0.050
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050			[B] < 0.050
2-Methylnaphthalene	N	2790	mg/kg	0.050			[B] < 0.050
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050			[B] < 0.050
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
2-Chloronaphthalene	N	2790	mg/kg	0.050			[B] < 0.050
2-Nitroaniline	N	2790	mg/kg	0.050			[B] < 0.050
Acenaphthylene	N	2790	mg/kg	0.050			[B] < 0.050

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:		768712	768713	768714	768715	768716
Order No.: POR004740	Client Sample Ref.:		1-113	1-114	1-115	1-126	1-128
	Client Sample ID.:		TP181.201-113	TP181.401-114	TP181.601-115	TP200.501-126	TP201.201-128
	Sample Location:		TP18	TP18	TP18	TP20	TP20
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		1.20	1.40	1.60	0.50	1.20
	Bottom Depth (m):		1.20	1.40	1.60	0.50	1.20
	Date Sampled:		23-Jan-2019	23-Jan-2019	23-Jan-2019	21-Jan-2019	21-Jan-2019
	Asbestos Lab:		DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD			
Dimethylphthalate	N	2790	mg/kg	0.050			[B] < 0.050
2,6-Dinitrotoluene	N	2790	mg/kg	0.050			[B] < 0.050
Acenaphthene	N	2790	mg/kg	0.050			[B] < 0.050
3-Nitroaniline	N	2790	mg/kg	0.050			[B] < 0.050
Dibenzofuran	N	2790	mg/kg	0.050			[B] < 0.050
4-Chlorophenylphenylether	N	2790	mg/kg	0.050			[B] < 0.050
2,4-Dinitrotoluene	N	2790	mg/kg	0.050			[B] < 0.050
Fluorene	N	2790	mg/kg	0.050			[B] < 0.050
Diethyl Phthalate	N	2790	mg/kg	0.050			[B] < 0.050
4-Nitroaniline	N	2790	mg/kg	0.050			[B] < 0.050
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050			[B] < 0.050
Azobenzene	N	2790	mg/kg	0.050			[B] < 0.050
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050			[B] < 0.050
Hexachlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
Pentachlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
Phenanthrene	N	2790	mg/kg	0.050			[B] 0.31
Anthracene	N	2790	mg/kg	0.050			[B] < 0.050
Carbazole	N	2790	mg/kg	0.050			[B] < 0.050
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050			[B] < 0.050
Fluoranthene	N	2790	mg/kg	0.050			[B] 0.48
Pyrene	N	2790	mg/kg	0.050			[B] 0.48
Butylbenzyl Phthalate	N	2790	mg/kg	0.050			[B] < 0.050
Benzo[a]anthracene	N	2790	mg/kg	0.050			[B] 0.34
Chrysene	N	2790	mg/kg	0.050			[B] 0.31
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050			[B] < 0.050
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050			[B] < 0.050
Benzo[b]fluoranthene	N	2790	mg/kg	0.050			[B] 0.34
Benzo[k]fluoranthene	N	2790	mg/kg	0.050			[B] 0.097
Benzo[a]pyrene	N	2790	mg/kg	0.050			[B] 0.27
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050			[B] 0.097
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050			[B] < 0.050
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050			[B] 0.11
4-Nitrophenol	N	2790	mg/kg	0.050			[B] < 0.050
Naphthalene	M	2800	mg/kg	0.10			
Acenaphthylene	N	2800	mg/kg	0.10			

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:					19-04353	19-04353	19-04353	19-04353	19-04353
Quotation No.:	Chemtest Sample ID.:					768712	768713	768714	768715	768716
Order No.: POR004740	Client Sample Ref.:					1-113	1-114	1-115	1-126	1-128
	Client Sample ID.:					TP181.201-113	TP181.401-114	TP181.601-115	TP200.501-126	TP201.201-128
	Sample Location:					TP18	TP18	TP18	TP20	TP20
	Sample Type:					SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):					1.20	1.40	1.60	0.50	1.20
	Bottom Depth (m):					1.20	1.40	1.60	0.50	1.20
	Date Sampled:					23-Jan-2019	23-Jan-2019	23-Jan-2019	21-Jan-2019	21-Jan-2019
	Asbestos Lab:					DURHAM	DURHAM	DURHAM		
Determinand	Accred.	SOP	Units	LOD						
Acenaphthene	M	2800	mg/kg	0.10						
Fluorene	M	2800	mg/kg	0.10						
Phenanthrene	M	2800	mg/kg	0.10						
Anthracene	M	2800	mg/kg	0.10						
Fluoranthene	M	2800	mg/kg	0.10						
Pyrene	M	2800	mg/kg	0.10						
Benzo[a]anthracene	M	2800	mg/kg	0.10						
Chrysene	M	2800	mg/kg	0.10						
Benzo[b]fluoranthene	M	2800	mg/kg	0.10						
Benzo[k]fluoranthene	M	2800	mg/kg	0.10						
Benzo[a]pyrene	M	2800	mg/kg	0.10						
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10						
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10						
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10						
Total Of 16 PAH's	N	2800	mg/kg	2.0						
Total Phenols	M	2920	mg/kg	0.30						< 0.30
VOC TIC	N	2760	µg/kg	N/A						[B] None Detected

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
768694	1-142	DTS250.501-142	DTS25	29-Jan-2019	C	Plastic Tub 500g
768706	1-049	TP090.801-049	TP09	22-Jan-2019	B	Amber Glass 250ml
768706	1-049	TP090.801-049	TP09	22-Jan-2019	B	Amber Glass 60ml
768706	1-049	TP090.801-049	TP09	22-Jan-2019	B	Plastic Tub 500g
768707	1-057	TP100.801-057	TP10	22-Jan-2019	B	Plastic Tub 500g
768716	1-128	TP201.201-128	TP20	21-Jan-2019	B	Amber Glass 250ml
768716	1-128	TP201.201-128	TP20	21-Jan-2019	B	Amber Glass 60ml
768716	1-128	TP201.201-128	TP20	21-Jan-2019	B	Plastic Tub 500g

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.
1325	Sulphide in Waters	Sulphides	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using N,N-dimethyl-p-phenylenediamine.
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurement by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.

SOP	Title	Parameters included	Method summary
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44 Aromatics: >C5–C7, >C7–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds (cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and Trimethylphenols Note: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

Report Information

Key

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

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

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

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

All Asbestos testing is performed at the indicated laboratory

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

Sample Deviation Codes

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

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

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

Charges may apply to extended sample storage

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

customerservices@chemtest.com



2183



Final Report

Report No.: 19-05922-1

Initial Date of Issue: 01-Mar-2019

Client Soiltechnics Limited

Client Address: Cedar Barn
White Lodge
Walgrave
Northampton
Northamptonshire
NN6 9PY

Contact(s): Alexa Band
Lauren Wenham

Project STQ4642M Nunsfield Road, Buxton

Quotation No.: **Date Received:** 18-Feb-2019

Order No.: POR004813 **Date Instructed:** 18-Feb-2019

No. of Samples: 24

Turnaround (Wkdays): 5 **Results Due:** 22-Feb-2019

Date Approved: 01-Mar-2019

Approved By:



Details: Robert Monk, Technical Manager

Results - Leachate

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922
Quotation No.:	Chemtest Sample ID.:				776925
Order No.: POR004813	Client Sample Ref.:				1-034
	Client Sample ID.:				TP070.801-034
	Sample Location:				TP07
	Sample Type:				SOIL
	Top Depth (m):				0.80
	Bottom Depth (m):				0.80
	Date Sampled:				21-Jan-2019
Determinand	Accred.	SOP	Units	LOD	
pH	U	1010		N/A	8.1
Nitrate	U	1220	mg/l	0.50	4.6
Sulphate	U	1220	mg/l	1.0	11
Cyanide (Total)	U	1300	mg/l	0.050	< 0.050
Cyanide (Free)	U	1300	mg/l	0.050	< 0.050
Cyanide (Complex)	U	1300	mg/l	0.050	< 0.050
Sulphide	U	1325	mg/l	0.050	< 0.050
Arsenic (Dissolved)	U	1450	µg/l	1.0	2.2
Boron (Dissolved)	U	1450	µg/l	20	170
Beryllium (Dissolved)	U	1450	µg/l	1.0	< 1.0
Cadmium (Dissolved)	U	1450	µg/l	0.080	< 0.080
Chromium (Dissolved)	U	1450	µg/l	1.0	< 1.0
Copper (Dissolved)	U	1450	µg/l	1.0	< 1.0
Mercury (Dissolved)	U	1450	µg/l	0.50	< 0.50
Nickel (Dissolved)	U	1450	µg/l	1.0	< 1.0
Lead (Dissolved)	U	1450	µg/l	1.0	3.3
Selenium (Dissolved)	U	1450	µg/l	1.0	7.5
Vanadium (Dissolved)	U	1450	µg/l	1.0	< 1.0
Zinc (Dissolved)	U	1450	µg/l	1.0	13
Naphthalene	U	1800	µg/l	0.10	< 0.10
Acenaphthylene	U	1800	µg/l	0.10	< 0.10
Acenaphthene	U	1800	µg/l	0.10	< 0.10
Fluorene	U	1800	µg/l	0.10	< 0.10
Phenanthrene	U	1800	µg/l	0.10	< 0.10
Anthracene	U	1800	µg/l	0.10	< 0.10
Fluoranthene	U	1800	µg/l	0.10	< 0.10
Pyrene	U	1800	µg/l	0.10	< 0.10
Benzo[a]anthracene	U	1800	µg/l	0.10	< 0.10
Chrysene	U	1800	µg/l	0.10	< 0.10
Benzo[b]fluoranthene	U	1800	µg/l	0.10	< 0.10
Benzo[k]fluoranthene	U	1800	µg/l	0.10	< 0.10
Benzo[a]pyrene	U	1800	µg/l	0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	1800	µg/l	0.10	< 0.10
Dibenz(a,h)Anthracene	U	1800	µg/l	0.10	< 0.10
Benzo[g,h,i]perylene	U	1800	µg/l	0.10	< 0.10
Total Of 16 PAH's	U	1800	µg/l	2.0	< 2.0

Results - Leachate

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922
Quotation No.:	Chemtest Sample ID.:				776925
Order No.: POR004813	Client Sample Ref.:				1-034
	Client Sample ID.:				TP070.801-034
	Sample Location:				TP07
	Sample Type:				SOIL
	Top Depth (m):				0.80
	Bottom Depth (m):				0.80
	Date Sampled:				21-Jan-2019
Determinand	Accred.	SOP	Units	LOD	
Total Phenols	U	1920	mg/l	0.030	< 0.030

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:				776904	776905	776906	776907	776908	776909	776910	776911	776912
Order No.: POR004813	Client Sample Ref.:				1-209	1-214	1-216	1-225	1-217	1-211	1-210	1-221	1-219
	Client Sample ID.:				DTS010.501-209	DTS010.801-214	DTS020.301-216	DTS020.501-225	DTS030.301-217	DTS040.501-211	DTS040.801-210	DTS060.301-221	DTS070.301-219
	Sample Location:				DTS01	DTS01	DTS02	DTS02	DTS03	DTS04	DTS04	DTS06	DTS07
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Bottom Depth (m):				0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Date Sampled:				06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019
	Asbestos Lab:												
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A									
Asbestos Identification	U	2192	%	0.001									
ACM Detection Stage	U	2192		N/A									
Moisture	N	2030	%	0.020	16	43	30	16	35	12	26	27	34
Soil Colour	N	2040		N/A	Brown	Brown	Brown	Brown	Brown	Brown		Brown	Brown
Other Material	N	2040		N/A	Stones	Stones	Stones	Stones	Stones	Stones		Stones, Roots 20%	Stones, Roots 20%
Soil Texture	N	2040		N/A	Clay	Clay	Clay	Clay	Clay	Clay		Sand	Sand
pH	M	2010		N/A	7.7	7.4	6.1	6.7	6.2	6.6	8.2	7.3	6.6
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	< 0.40	1.4	1.0		0.71	0.50	3.2	2.0	1.2
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010				< 0.010			0.36		
Total Sulphur	M	2175	%	0.010				0.016					
Nitrate (Water Soluble)	N	2220	g/l	0.010							< 0.010		
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50	< 0.50	0.50		< 0.50	< 0.50	2.2	2.3	2.2
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50	< 0.50	0.50		< 0.50	< 0.50	2.2	2.3	2.2
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50							30		
Sulphate (Acid Soluble)	M	2430	%	0.010				0.015					
Arsenic	M	2450	mg/kg	1.0	11	34	22		22	3.1	20	36	24
Beryllium	U	2450	mg/kg	1.0	< 1.0	2.9	1.0		1.2	< 1.0	1.6	1.4	2.0
Cadmium	M	2450	mg/kg	0.10	0.76	2.5	1.3		1.4	0.52	1.4	1.6	2.9
Chromium	M	2450	mg/kg	1.0	33	24	30		29	46	250	120	52
Copper	M	2450	mg/kg	0.50	37	82	51		51	53	74	110	97
Mercury	M	2450	mg/kg	0.10	0.11	0.46	0.16		0.10	< 0.10	0.80	0.35	0.70
Nickel	M	2450	mg/kg	0.50	27	62	33		45	31	39	40	110
Lead	M	2450	mg/kg	0.50	60	210	100		87	25	320	290	190
Selenium	M	2450	mg/kg	0.20	0.28	0.47	1.5		2.1	< 0.20	< 0.20	2.2	1.4
Vanadium	U	2450	mg/kg	5.0	38	54	62		59	37	40	76	19
Zinc	M	2450	mg/kg	0.50	79	230	150		110	63	320	260	370
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50
Organic Matter	M	2625	%	0.40	3.3	21	5.2		6.0	1.3	12	13	17
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0							[C] < 1.0		
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0							[C] < 1.0		
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0							[C] < 1.0		

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776904	776905	776906	776907	776908	776909	776910	776911	776912
Order No.: POR004813	Client Sample Ref.:		1-209	1-214	1-216	1-225	1-217	1-211	1-210	1-221	1-219
	Client Sample ID.:		DTS010.501-209	DTS010.801-214	DTS020.301-216	DTS020.501-225	DTS030.301-217	DTS040.501-211	DTS040.801-210	DTS060.301-221	DTS070.301-219
	Sample Location:		DTS01	DTS01	DTS02	DTS02	DTS03	DTS04	DTS04	DTS06	DTS07
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Bottom Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Date Sampled:		06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019
	Asbestos Lab:										
Determinand	Accred.	SOP	Units	LOD							
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0					[C] < 1.0		
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0					[C] < 1.0		
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0					[C] < 1.0		
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0					[C] 110		
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0					[C] < 1.0		
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0					[C] 110		
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0					[C] < 1.0		
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0					[C] < 1.0		
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0					[C] < 1.0		
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0					[C] < 1.0		
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0					[C] < 1.0		
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0					[C] < 1.0		
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0					[C] 49		
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0					[C] 7.2		
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0					[C] 56		
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0					[C] 170		
Dichlorodifluoromethane	U	2760	µg/kg	1.0					[C] < 1.0		
Chloromethane	M	2760	µg/kg	1.0					[C] < 1.0		
Vinyl Chloride	M	2760	µg/kg	1.0					[C] < 1.0		
Bromomethane	M	2760	µg/kg	20					[C] < 20		
Chloroethane	U	2760	µg/kg	2.0					[C] < 2.0		
Trichlorofluoromethane	M	2760	µg/kg	1.0					[C] < 1.0		
1,1-Dichloroethene	M	2760	µg/kg	1.0					[C] < 1.0		
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0					[C] < 1.0		
1,1-Dichloroethane	M	2760	µg/kg	1.0					[C] < 1.0		
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0					[C] < 1.0		
Bromochloromethane	U	2760	µg/kg	5.0					[C] < 5.0		
Trichloromethane	M	2760	µg/kg	1.0					[C] < 1.0		
1,1,1-Trichloroethane	M	2760	µg/kg	1.0					[C] < 1.0		
Tetrachloromethane	M	2760	µg/kg	1.0					[C] < 1.0		
1,1-Dichloropropene	U	2760	µg/kg	1.0					[C] < 1.0		
Benzene	M	2760	µg/kg	1.0					[C] < 1.0		
1,2-Dichloroethane	M	2760	µg/kg	2.0					[C] < 2.0		
Trichloroethene	N	2760	µg/kg	1.0					[C] < 1.0		
1,2-Dichloropropane	M	2760	µg/kg	1.0					[C] < 1.0		

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776904	776905	776906	776907	776908	776909	776910	776911	776912
Order No.: POR004813	Client Sample Ref.:		1-209	1-214	1-216	1-225	1-217	1-211	1-210	1-221	1-219
	Client Sample ID.:		DTS010.501-209	DTS010.801-214	DTS020.301-216	DTS020.501-225	DTS030.301-217	DTS040.501-211	DTS040.801-210	DTS060.301-221	DTS070.301-219
	Sample Location:		DTS01	DTS01	DTS02	DTS02	DTS03	DTS04	DTS04	DTS06	DTS07
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Bottom Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Date Sampled:		06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019
	Asbestos Lab:										
Determinand	Accred.	SOP	Units	LOD							
Dibromomethane	M	2760	µg/kg	1.0					[C] < 1.0		
Bromodichloromethane	M	2760	µg/kg	5.0					[C] < 5.0		
cis-1,3-Dichloropropene	N	2760	µg/kg	10					[C] < 10		
Toluene	M	2760	µg/kg	1.0					[C] 1.5		
Trans-1,3-Dichloropropene	N	2760	µg/kg	10					[C] < 10		
1,1,2-Trichloroethane	M	2760	µg/kg	10					[C] < 10		
Tetrachloroethene	M	2760	µg/kg	1.0					[C] < 1.0		
1,3-Dichloropropane	U	2760	µg/kg	2.0					[C] < 2.0		
Dibromochloromethane	U	2760	µg/kg	10					[C] < 10		
1,2-Dibromoethane	M	2760	µg/kg	5.0					[C] < 5.0		
Chlorobenzene	M	2760	µg/kg	1.0					[C] < 1.0		
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0					[C] < 2.0		
Ethylbenzene	M	2760	µg/kg	1.0					[C] 7.0		
m & p-Xylene	M	2760	µg/kg	1.0					[C] 6.5		
o-Xylene	M	2760	µg/kg	1.0					[C] 7.1		
Styrene	M	2760	µg/kg	1.0					[C] < 1.0		
Tribromomethane	U	2760	µg/kg	1.0					[C] < 1.0		
Isopropylbenzene	M	2760	µg/kg	1.0					[C] < 1.0		
Bromobenzene	M	2760	µg/kg	1.0					[C] < 1.0		
1,2,3-Trichloropropane	N	2760	µg/kg	50					[C] < 50		
N-Propylbenzene	U	2760	µg/kg	1.0					[C] < 1.0		
2-Chlorotoluene	M	2760	µg/kg	1.0					[C] < 1.0		
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0					[C] 13		
4-Chlorotoluene	U	2760	µg/kg	1.0					[C] < 1.0		
Tert-Butylbenzene	U	2760	µg/kg	1.0					[C] < 1.0		
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0					[C] < 1.0		
Sec-Butylbenzene	U	2760	µg/kg	1.0					[C] < 1.0		
1,3-Dichlorobenzene	M	2760	µg/kg	1.0					[C] < 1.0		
4-Isopropyltoluene	U	2760	µg/kg	1.0					[C] < 1.0		
1,4-Dichlorobenzene	M	2760	µg/kg	1.0					[C] < 1.0		
N-Butylbenzene	U	2760	µg/kg	1.0					[C] < 1.0		
1,2-Dichlorobenzene	M	2760	µg/kg	1.0					[C] < 1.0		
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50					[C] < 50		
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0					[C] < 1.0		
Hexachlorobutadiene	U	2760	µg/kg	1.0					[C] < 1.0		

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:			19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:			776904	776905	776906	776907	776908	776909	776910	776912
Order No.: POR004813	Client Sample Ref.:			1-209	1-214	1-216	1-225	1-217	1-211	1-210	1-221
	Client Sample ID.:			DTS010.501-209	DTS010.801-214	DTS020.301-216	DTS020.501-225	DTS030.301-217	DTS040.501-211	DTS040.801-210	DTS060.301-221
	Sample Location:			DTS01	DTS01	DTS02	DTS02	DTS03	DTS04	DTS04	DTS06
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30
	Bottom Depth (m):			0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30
	Date Sampled:			06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	06-Feb-2019	06-Feb-2019	08-Feb-2019
	Asbestos Lab:										
Determinand	Accred.	SOP	Units	LOD							
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0						[C] < 2.0	
Carbon Disulphide	N	2760	µg/kg	50						[C] < 50	
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0						[C] < 1.0	
N-Nitrosodimethylamine	N	2790	mg/kg	0.050						[C] < 0.050	
Phenol	N	2790	mg/kg	0.050						[C] 0.14	
2-Chlorophenol	N	2790	mg/kg	0.050						[C] < 0.050	
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050						[C] < 0.050	
1,3-Dichlorobenzene	N	2790	mg/kg	0.050						[C] < 0.050	
1,4-Dichlorobenzene	N	2790	mg/kg	0.050						[C] < 0.050	
1,2-Dichlorobenzene	N	2790	mg/kg	0.050						[C] < 0.050	
2-Methylphenol	N	2790	mg/kg	0.050						[C] < 0.050	
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050						[C] < 0.050	
Hexachloroethane	N	2790	mg/kg	0.050						[C] 0.094	
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050						[C] < 0.050	
4-Methylphenol	N	2790	mg/kg	0.050						[C] 0.40	
Nitrobenzene	N	2790	mg/kg	0.050						[C] < 0.050	
Isophorone	N	2790	mg/kg	0.050						[C] < 0.050	
2-Nitrophenol	N	2790	mg/kg	0.050						[C] < 0.050	
2,4-Dimethylphenol	N	2790	mg/kg	0.050						[C] < 0.050	
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050						[C] < 0.050	
2,4-Dichlorophenol	N	2790	mg/kg	0.050						[C] < 0.050	
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050						[C] < 0.050	
Naphthalene	N	2790	mg/kg	0.050						[C] 0.30	
4-Chloroaniline	N	2790	mg/kg	0.050						[C] < 0.050	
Hexachlorobutadiene	N	2790	mg/kg	0.050						[C] < 0.050	
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050						[C] < 0.050	
2-Methylnaphthalene	N	2790	mg/kg	0.050						[C] 0.85	
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050						[C] < 0.050	
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050						[C] < 0.050	
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050						[C] < 0.050	
2-Chloronaphthalene	N	2790	mg/kg	0.050						[C] < 0.050	
2-Nitroaniline	N	2790	mg/kg	0.050						[C] < 0.050	
Acenaphthylene	N	2790	mg/kg	0.050						[C] 0.15	
Dimethylphthalate	N	2790	mg/kg	0.050						[C] < 0.050	
2,6-Dinitrotoluene	N	2790	mg/kg	0.050						[C] 0.094	

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776904	776905	776906	776907	776908	776909	776910	776911	776912
Order No.: POR004813	Client Sample Ref.:		1-209	1-214	1-216	1-225	1-217	1-211	1-210	1-221	1-219
	Client Sample ID.:		DTS010.501-209	DTS010.801-214	DTS020.301-216	DTS020.501-225	DTS030.301-217	DTS040.501-211	DTS040.801-210	DTS060.301-221	DTS070.301-219
	Sample Location:		DTS01	DTS01	DTS02	DTS02	DTS03	DTS04	DTS04	DTS06	DTS07
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Bottom Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Date Sampled:		06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019
	Asbestos Lab:										
Determinand	Accred.	SOP	Units	LOD							
Acenaphthene	N	2790	mg/kg	0.050					[C] 3.4		
3-Nitroaniline	N	2790	mg/kg	0.050					[C] < 0.050		
Dibenzofuran	N	2790	mg/kg	0.050					[C] 3.4		
4-Chlorophenylphenylether	N	2790	mg/kg	0.050					[C] < 0.050		
2,4-Dinitrotoluene	N	2790	mg/kg	0.050					[C] < 0.050		
Fluorene	N	2790	mg/kg	0.050					[C] 4.0		
Diethyl Phthalate	N	2790	mg/kg	0.050					[C] < 0.050		
4-Nitroaniline	N	2790	mg/kg	0.050					[C] < 0.050		
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050					[C] < 0.050		
Azobenzene	N	2790	mg/kg	0.050					[C] < 0.050		
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050					[C] < 0.050		
Hexachlorobenzene	N	2790	mg/kg	0.050					[C] < 0.050		
Pentachlorophenol	N	2790	mg/kg	0.050					[C] < 0.050		
Phenanthrene	N	2790	mg/kg	0.050					[C] 18		
Anthracene	N	2790	mg/kg	0.050					[C] 2.8		
Carbazole	N	2790	mg/kg	0.050					[C] 1.1		
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050					[C] < 0.050		
Fluoranthene	N	2790	mg/kg	0.050					[C] 6.7		
Pyrene	N	2790	mg/kg	0.050					[C] 4.9		
Butylbenzyl Phthalate	N	2790	mg/kg	0.050					[C] 0.14		
Benzo[a]anthracene	N	2790	mg/kg	0.050					[C] 1.6		
Chrysene	N	2790	mg/kg	0.050					[C] 1.8		
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050					[C] < 0.050		
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050					[C] < 0.050		
Benzo[b]fluoranthene	N	2790	mg/kg	0.050					[C] 1.8		
Benzo[k]fluoranthene	N	2790	mg/kg	0.050					[C] 0.78		
Benzo[a]pyrene	N	2790	mg/kg	0.050					[C] 1.1		
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050					[C] 0.82		
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050					[C] 0.15		
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050					[C] 1.1		
4-Nitrophenol	N	2790	mg/kg	0.050					[C] < 0.050		
Naphthalene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	1.8	0.86
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.14	0.21
Acenaphthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.22	0.17
Fluorene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.29	0.34

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776904	776905	776906	776907	776908	776909	776910	776911	776912
Order No.: POR004813	Client Sample Ref.:		1-209	1-214	1-216	1-225	1-217	1-211	1-210	1-221	1-219
	Client Sample ID.:		DTS010.501-209	DTS010.801-214	DTS020.301-216	DTS020.501-225	DTS030.301-217	DTS040.501-211	DTS040.801-210	DTS060.301-221	DTS070.301-219
	Sample Location:		DTS01	DTS01	DTS02	DTS02	DTS03	DTS04	DTS04	DTS06	DTS07
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Bottom Depth (m):		0.50	0.80	0.30	0.50	0.30	0.50	0.80	0.30	0.30
	Date Sampled:		06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	06-Feb-2019	06-Feb-2019	08-Feb-2019	08-Feb-2019
	Asbestos Lab:										
Determinand	Accred.	SOP	Units	LOD							
Phenanthrene	M	2800	mg/kg	0.10	0.66	1.1	0.10	< 0.10	< 0.10	2.6	2.5
Anthracene	M	2800	mg/kg	0.10	0.27	0.32	< 0.10	< 0.10	< 0.10	0.60	0.53
Fluoranthene	M	2800	mg/kg	0.10	0.58	1.2	0.17	< 0.10	< 0.10	2.5	2.3
Pyrene	M	2800	mg/kg	0.10	0.48	1.2	0.14	< 0.10	< 0.10	2.0	2.0
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10	0.15	< 0.10	< 0.10	< 0.10	0.41	0.46
Chrysene	M	2800	mg/kg	0.10	< 0.10	0.28	< 0.10	< 0.10	< 0.10	0.83	0.71
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.72	0.55
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.21	0.18
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.23	0.25
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.11	0.14
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	0.12	0.16
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0	4.3	< 2.0	< 2.0	< 2.0	13	11
Total Phenols	M	2920	mg/kg	0.30	< 0.30	< 0.30	< 0.30	< 0.30	< 0.30	0.69	< 0.30
VOC TIC	N	2760	µg/kg	N/A						None Detected	

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:				776913	776914	776915	776916	776917	776918	776919	776920	776921
Order No.: POR004813	Client Sample Ref.:				1-224	1-222	1-223	1-220	1-218	1-250	1-170	1-173	1-165
	Client Sample ID.:				DTS070.801-224	DTS090.301-222	DTS090.501-223	DTS120.301-220	DTS150.301-218	DTS160.801-250	DTS210.501-170	DTS211.801-173	DTS260.801-165
	Sample Location:				DTS07	DTS09	DTS09	DTS12	DTS15	DTS16	DTS21	DTS21	DTS26
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Bottom Depth (m):				0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Date Sampled:				08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	07-Feb-2019	30-Jan-2019	30-Jan-2019	29-Jan-2019
	Asbestos Lab:									COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD									
ACM Type	U	2192		N/A						-	-		-
Asbestos Identification	U	2192	%	0.001						No Asbestos Detected	No Asbestos Detected		No Asbestos Detected
ACM Detection Stage	U	2192		N/A						-	-		-
Moisture	N	2030	%	0.020	0.63	27	7.3	30	29	19		16	
Soil Colour	N	2040		N/A	Grey	Brown		Brown	Brown			Brown	
Other Material	N	2040		N/A	Stones	Stones		Stones	Stones			Stones	
Soil Texture	N	2040		N/A	Sand	Clay		Clay	Clay			Clay	
pH	M	2010		N/A	8.4	7.9	8.2	6.6	6.3	10.2		6.7	
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40		0.88	0.59	0.96	0.91	0.59			
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010	0.019		< 0.010			0.13		0.058	
Total Sulphur	M	2175	%	0.010	0.14							0.10	
Nitrate (Water Soluble)	N	2220	g/l	0.010			< 0.010			< 0.010			
Cyanide (Complex)	M	2300	mg/kg	0.50		< 0.50	< 0.50	0.60	0.50	0.60			
Cyanide (Free)	M	2300	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
Cyanide (Total)	M	2300	mg/kg	0.50		< 0.50	< 0.50	0.60	0.50	0.60			
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50			3.3			7.5			
Sulphate (Acid Soluble)	M	2430	%	0.010	0.025							0.23	
Arsenic	M	2450	mg/kg	1.0		28	15	59	53	15			
Beryllium	U	2450	mg/kg	1.0		1.8	< 1.0	2.0	1.5	< 1.0			
Cadmium	M	2450	mg/kg	0.10		3.3	1.4	2.0	1.7	0.81			
Chromium	M	2450	mg/kg	1.0		33	13	28	27	13			
Copper	M	2450	mg/kg	0.50		64	35	110	88	14			
Mercury	M	2450	mg/kg	0.10		0.27	0.12	0.30	0.39	< 0.10			
Nickel	M	2450	mg/kg	0.50		78	40	69	53	11			
Lead	M	2450	mg/kg	0.50		95	28	190	170	42			
Selenium	M	2450	mg/kg	0.20		1.4	0.61	6.0	6.3	< 0.20			
Vanadium	U	2450	mg/kg	5.0		53	26	140	140	8.8			
Zinc	M	2450	mg/kg	0.50		180	68	210	190	80			
Chromium (Hexavalent)	N	2490	mg/kg	0.50		< 0.50	< 0.50	< 0.50	< 0.50	< 0.50			
Organic Matter	M	2625	%	0.40		5.5	1.4	7.4	8.3	3.1			
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0			[C] < 1.0			[C] < 1.0			
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0			[C] < 1.0			[C] < 1.0			
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0			[C] < 1.0			[C] < 1.0			

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:			19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:			776913	776914	776915	776916	776917	776918	776919	776921
Order No.: POR004813	Client Sample Ref.:			1-224	1-222	1-223	1-220	1-218	1-250	1-170	1-173
	Client Sample ID.:			DTS070.801-224	DTS090.301-222	DTS090.501-223	DTS120.301-220	DTS150.301-218	DTS160.801-250	DTS210.501-170	DTS211.801-173
	Sample Location:			DTS07	DTS09	DTS09	DTS12	DTS15	DTS16	DTS21	DTS21
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80
	Bottom Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80
	Date Sampled:			08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	07-Feb-2019	30-Jan-2019	30-Jan-2019
	Asbestos Lab:								COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD							
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0			[C] < 5.0		[C] < 5.0		
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0			[C] < 1.0		[C] < 1.0		
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0			[C] < 5.0		[C] < 5.0		
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0			[C] < 10		[C] < 10		
Dichlorodifluoromethane	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Chloromethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Vinyl Chloride	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Bromomethane	M	2760	µg/kg	20			[C] < 20		[C] < 20		
Chloroethane	U	2760	µg/kg	2.0			[C] < 2.0		[C] < 2.0		
Trichlorofluoromethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,1-Dichloroethene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,1-Dichloroethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Bromochloromethane	U	2760	µg/kg	5.0			[C] < 5.0		[C] < 5.0		
Trichloromethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,1,1-Trichloroethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Tetrachloromethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,1-Dichloropropene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Benzene	M	2760	µg/kg	1.0			[C] 1.7		[C] < 1.0		
1,2-Dichloroethane	M	2760	µg/kg	2.0			[C] < 2.0		[C] < 2.0		
Trichloroethene	N	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,2-Dichloropropane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:			19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:			776913	776914	776915	776916	776917	776918	776919	776921
Order No.: POR004813	Client Sample Ref.:			1-224	1-222	1-223	1-220	1-218	1-250	1-170	1-173
	Client Sample ID.:			DTS070.801-224	DTS090.301-222	DTS090.501-223	DTS120.301-220	DTS150.301-218	DTS160.801-250	DTS210.501-170	DTS211.801-173
	Sample Location:			DTS07	DTS09	DTS09	DTS12	DTS15	DTS16	DTS21	DTS21
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80
	Bottom Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80
	Date Sampled:			08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	07-Feb-2019	30-Jan-2019	30-Jan-2019
	Asbestos Lab:								COVENTRY	COVENTRY	COVENTRY
Determinand	Accred.	SOP	Units	LOD							
Dibromomethane	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Bromodichloromethane	M	2760	µg/kg	5.0			[C] < 5.0		[C] < 5.0		
cis-1,3-Dichloropropene	N	2760	µg/kg	10			[C] < 10		[C] < 10		
Toluene	M	2760	µg/kg	1.0			[C] 4.4		[C] < 1.0		
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			[C] < 10		[C] < 10		
1,1,2-Trichloroethane	M	2760	µg/kg	10			[C] < 10		[C] < 10		
Tetrachloroethene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,3-Dichloropropane	U	2760	µg/kg	2.0			[C] < 2.0		[C] < 2.0		
Dibromochloromethane	U	2760	µg/kg	10			[C] < 10		[C] < 10		
1,2-Dibromoethane	M	2760	µg/kg	5.0			[C] < 5.0		[C] < 5.0		
Chlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0			[C] < 2.0		[C] < 2.0		
Ethylbenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
m & p-Xylene	M	2760	µg/kg	1.0			[C] 3.2		[C] < 1.0		
o-Xylene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Styrene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Tribromomethane	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Isopropylbenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Bromobenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,2,3-Trichloropropane	N	2760	µg/kg	50			[C] < 50		[C] < 50		
N-Propylbenzene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
2-Chlorotoluene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
4-Chlorotoluene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Tert-Butylbenzene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Sec-Butylbenzene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,3-Dichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
4-Isopropyltoluene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,4-Dichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
N-Butylbenzene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,2-Dichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			[C] < 50		[C] < 50		
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		
Hexachlorobutadiene	U	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0		

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:			19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:			776913	776914	776915	776916	776917	776918	776919	776920	776921
Order No.: POR004813	Client Sample Ref.:			1-224	1-222	1-223	1-220	1-218	1-250	1-170	1-173	1-165
	Client Sample ID.:			DTS070.801-224	DTS090.301-222	DTS090.501-223	DTS120.301-220	DTS150.301-218	DTS160.801-250	DTS210.501-170	DTS211.801-173	DTS260.801-165
	Sample Location:			DTS07	DTS09	DTS09	DTS12	DTS15	DTS16	DTS21	DTS21	DTS26
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Bottom Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Date Sampled:			08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	07-Feb-2019	30-Jan-2019	30-Jan-2019	29-Jan-2019
	Asbestos Lab:								COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD								
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0			[C] < 2.0		[C] < 2.0			
Carbon Disulphide	N	2760	µg/kg	50			[C] < 50		[C] < 50			
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0			[C] < 1.0		[C] < 1.0			
N-Nitrosodimethylamine	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Phenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Chlorophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
1,3-Dichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
1,4-Dichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
1,2-Dichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Methylphenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Hexachloroethane	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
4-Methylphenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Nitrobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Isophorone	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Nitrophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2,4-Dimethylphenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2,4-Dichlorophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Naphthalene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
4-Chloroaniline	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Hexachlorobutadiene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Methylnaphthalene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Chloronaphthalene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Nitroaniline	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Acenaphthylene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Dimethylphthalate	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2,6-Dinitrotoluene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:			19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:			776913	776914	776915	776916	776917	776918	776919	776920	776921
Order No.: POR004813	Client Sample Ref.:			1-224	1-222	1-223	1-220	1-218	1-250	1-170	1-173	1-165
	Client Sample ID.:			DTS070.801-224	DTS090.301-222	DTS090.501-223	DTS120.301-220	DTS150.301-218	DTS160.801-250	DTS210.501-170	DTS211.801-173	DTS260.801-165
	Sample Location:			DTS07	DTS09	DTS09	DTS12	DTS15	DTS16	DTS21	DTS21	DTS26
	Sample Type:			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Bottom Depth (m):			0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Date Sampled:			08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	07-Feb-2019	30-Jan-2019	30-Jan-2019	29-Jan-2019
	Asbestos Lab:								COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD								
Acenaphthene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 0.062			
3-Nitroaniline	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Dibenzofuran	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
4-Chlorophenylphenylether	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2,4-Dinitrotoluene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Fluorene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 0.062			
Diethyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
4-Nitroaniline	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Azobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Hexachlorobenzene	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Pentachlorophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Phenanthrene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 0.73			
Anthracene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 0.41			
Carbazole	N	2790	mg/kg	0.050			[C] < 0.050		[C] 0.087			
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Fluoranthene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 3.2			
Pyrene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 3.0			
Butylbenzyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050		[C] 0.074			
Benzo[a]anthracene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 1.7			
Chrysene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 1.9			
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Benzo[b]fluoranthene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 3.0			
Benzo[k]fluoranthene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 1.6			
Benzo[a]pyrene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 2.4			
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 1.9			
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 3.4			
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050			[C] < 0.050		[C] 2.7			
4-Nitrophenol	N	2790	mg/kg	0.050			[C] < 0.050		[C] < 0.050			
Naphthalene	M	2800	mg/kg	0.10		0.78		< 0.10	< 0.10			
Acenaphthylene	N	2800	mg/kg	0.10		0.10		< 0.10	< 0.10			
Acenaphthene	M	2800	mg/kg	0.10		0.12		< 0.10	< 0.10			
Fluorene	M	2800	mg/kg	0.10		0.16		< 0.10	< 0.10			

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:				776913	776914	776915	776916	776917	776918	776919	776920	776921
Order No.: POR004813	Client Sample Ref.:				1-224	1-222	1-223	1-220	1-218	1-250	1-170	1-173	1-165
	Client Sample ID.:				DTS070.801-224	DTS090.301-222	DTS090.501-223	DTS120.301-220	DTS150.301-218	DTS160.801-250	DTS210.501-170	DTS211.801-173	DTS260.801-165
	Sample Location:				DTS07	DTS09	DTS09	DTS12	DTS15	DTS16	DTS21	DTS21	DTS26
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Bottom Depth (m):				0.80	0.30	0.50	0.30	0.30	0.80	0.50	1.80	0.80
	Date Sampled:				08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	08-Feb-2019	07-Feb-2019	30-Jan-2019	30-Jan-2019	29-Jan-2019
	Asbestos Lab:									COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD									
Phenanthrene	M	2800	mg/kg	0.10		2.5		< 0.10	0.28				
Anthracene	M	2800	mg/kg	0.10		0.46		< 0.10	< 0.10				
Fluoranthene	M	2800	mg/kg	0.10		2.2		0.14	0.38				
Pyrene	M	2800	mg/kg	0.10		2.0		0.11	0.23				
Benzo[a]anthracene	M	2800	mg/kg	0.10		0.53		< 0.10	< 0.10				
Chrysene	M	2800	mg/kg	0.10		0.64		< 0.10	< 0.10				
Benzo[b]fluoranthene	M	2800	mg/kg	0.10		0.47		< 0.10	< 0.10				
Benzo[k]fluoranthene	M	2800	mg/kg	0.10		0.13		< 0.10	< 0.10				
Benzo[a]pyrene	M	2800	mg/kg	0.10		0.19		< 0.10	< 0.10				
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10				
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10				
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10		< 0.10		< 0.10	< 0.10				
Total Of 16 PAH's	N	2800	mg/kg	2.0		10		< 2.0	< 2.0				
Total Phenols	M	2920	mg/kg	0.30		< 0.30	< 0.30	< 0.30	< 0.30	< 0.30			
VOC TIC	N	2760	µg/kg	N/A			None Detected			None Detected			

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:				776922	776923	776924	776926	776927
Order No.: POR004813	Client Sample Ref.:				1-212	1-213	1-033	1-043	1-048
	Client Sample ID.:				DTS280.801-212	DTS291.201-213	TP070.501-033	TP081.201-043	TP090.501-048
	Sample Location:				DTS28	DTS29	TP07	TP08	TP09
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.80	1.20	0.50	1.20	0.50
	Bottom Depth (m):				0.80	1.20	0.50	1.20	0.50
	Date Sampled:				06-Feb-2019	06-Feb-2019	21-Jan-2019	24-Jan-2019	22-Jan-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD					
ACM Type	U	2192		N/A	-	-	-		-
Asbestos Identification	U	2192	%	0.001	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected		No Asbestos Detected
ACM Detection Stage	U	2192		N/A	-	-	-		-
Moisture	N	2030	%	0.020	24			25	
Soil Colour	N	2040		N/A	Brown				
Other Material	N	2040		N/A	Stones				
Soil Texture	N	2040		N/A	Clay				
pH	M	2010		N/A	6.7			7.9	
Boron (Hot Water Soluble)	M	2120	mg/kg	0.40	0.62			0.71	
Sulphate (2:1 Water Soluble) as SO4	M	2120	g/l	0.010				0.046	
Total Sulphur	M	2175	%	0.010					
Nitrate (Water Soluble)	N	2220	g/l	0.010				< 0.010	
Cyanide (Complex)	M	2300	mg/kg	0.50	< 0.50			[B] 1.4	
Cyanide (Free)	M	2300	mg/kg	0.50	< 0.50			[B] < 0.50	
Cyanide (Total)	M	2300	mg/kg	0.50	< 0.50			[B] 1.4	
Sulphide (Easily Liberatable)	N	2325	mg/kg	0.50				11	
Sulphate (Acid Soluble)	M	2430	%	0.010					
Arsenic	M	2450	mg/kg	1.0	49			47	
Beryllium	U	2450	mg/kg	1.0	1.3			4.0	
Cadmium	M	2450	mg/kg	0.10	1.6			0.39	
Chromium	M	2450	mg/kg	1.0	31			40	
Copper	M	2450	mg/kg	0.50	51			140	
Mercury	M	2450	mg/kg	0.10	< 0.10			0.65	
Nickel	M	2450	mg/kg	0.50	42			63	
Lead	M	2450	mg/kg	0.50	150			700	
Selenium	M	2450	mg/kg	0.20	3.8			0.84	
Vanadium	U	2450	mg/kg	5.0	100			54	
Zinc	M	2450	mg/kg	0.50	180			220	
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50			< 0.50	
Organic Matter	M	2625	%	0.40	3.3			40	
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0				[B] < 1.0	
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0				[B] < 1.0	
Aliphatic TPH >C8-C10	M	2680	mg/kg	1.0				[B] < 1.0	

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776922	776923	776924	776926	776927
Order No.: POR004813	Client Sample Ref.:		1-212	1-213	1-033	1-043	1-048
	Client Sample ID.:		DTS280.801-212	DTS291.201-213	TP070.501-033	TP081.201-043	TP090.501-048
	Sample Location:		DTS28	DTS29	TP07	TP08	TP09
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.80	1.20	0.50	1.20	0.50
	Bottom Depth (m):		0.80	1.20	0.50	1.20	0.50
	Date Sampled:		06-Feb-2019	06-Feb-2019	21-Jan-2019	24-Jan-2019	22-Jan-2019
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Aliphatic TPH >C10-C12	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C12-C16	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C16-C21	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C21-C35	M	2680	mg/kg	1.0			[B] < 1.0
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0			[B] < 1.0
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0			[B] < 5.0
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C8-C10	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C10-C12	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C12-C16	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C21-C35	M	2680	mg/kg	1.0			[B] < 1.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0			[B] < 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0			[B] < 5.0
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0			[B] < 10
Dichlorodifluoromethane	U	2760	µg/kg	1.0			[B] < 1.0
Chloromethane	M	2760	µg/kg	1.0			[B] < 1.0
Vinyl Chloride	M	2760	µg/kg	1.0			[B] < 1.0
Bromomethane	M	2760	µg/kg	20			[B] < 20
Chloroethane	U	2760	µg/kg	2.0			[B] < 2.0
Trichlorofluoromethane	M	2760	µg/kg	1.0			[B] < 1.0
1,1-Dichloroethene	M	2760	µg/kg	1.0			[B] < 1.0
Trans 1,2-Dichloroethene	M	2760	µg/kg	1.0			[B] < 1.0
1,1-Dichloroethane	M	2760	µg/kg	1.0			[B] < 1.0
cis 1,2-Dichloroethene	M	2760	µg/kg	1.0			[B] < 1.0
Bromochloromethane	U	2760	µg/kg	5.0			[B] < 5.0
Trichloromethane	M	2760	µg/kg	1.0			[B] < 1.0
1,1,1-Trichloroethane	M	2760	µg/kg	1.0			[B] < 1.0
Tetrachloromethane	M	2760	µg/kg	1.0			[B] < 1.0
1,1-Dichloropropene	U	2760	µg/kg	1.0			[B] < 1.0
Benzene	M	2760	µg/kg	1.0			[B] < 1.0
1,2-Dichloroethane	M	2760	µg/kg	2.0			[B] < 2.0
Trichloroethene	N	2760	µg/kg	1.0			[B] < 1.0
1,2-Dichloropropane	M	2760	µg/kg	1.0			[B] < 1.0

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776922	776923	776924	776926	776927
Order No.: POR004813	Client Sample Ref.:		1-212	1-213	1-033	1-043	1-048
	Client Sample ID.:		DTS280.801-212	DTS291.201-213	TP070.501-033	TP081.201-043	TP090.501-048
	Sample Location:		DTS28	DTS29	TP07	TP08	TP09
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.80	1.20	0.50	1.20	0.50
	Bottom Depth (m):		0.80	1.20	0.50	1.20	0.50
	Date Sampled:		06-Feb-2019	06-Feb-2019	21-Jan-2019	24-Jan-2019	22-Jan-2019
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Dibromomethane	M	2760	µg/kg	1.0			[B] < 1.0
Bromodichloromethane	M	2760	µg/kg	5.0			[B] < 5.0
cis-1,3-Dichloropropene	N	2760	µg/kg	10			[B] < 10
Toluene	M	2760	µg/kg	1.0			[B] < 1.0
Trans-1,3-Dichloropropene	N	2760	µg/kg	10			[B] < 10
1,1,2-Trichloroethane	M	2760	µg/kg	10			[B] < 10
Tetrachloroethene	M	2760	µg/kg	1.0			[B] < 1.0
1,3-Dichloropropane	U	2760	µg/kg	2.0			[B] < 2.0
Dibromochloromethane	U	2760	µg/kg	10			[B] < 10
1,2-Dibromoethane	M	2760	µg/kg	5.0			[B] < 5.0
Chlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
1,1,1,2-Tetrachloroethane	M	2760	µg/kg	2.0			[B] < 2.0
Ethylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
m & p-Xylene	M	2760	µg/kg	1.0			[B] < 1.0
o-Xylene	M	2760	µg/kg	1.0			[B] < 1.0
Styrene	M	2760	µg/kg	1.0			[B] < 1.0
Tribromomethane	U	2760	µg/kg	1.0			[B] < 1.0
Isopropylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
Bromobenzene	M	2760	µg/kg	1.0			[B] < 1.0
1,2,3-Trichloropropane	N	2760	µg/kg	50			[B] < 50
N-Propylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
2-Chlorotoluene	M	2760	µg/kg	1.0			[B] < 1.0
1,3,5-Trimethylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
4-Chlorotoluene	U	2760	µg/kg	1.0			[B] < 1.0
Tert-Butylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
1,2,4-Trimethylbenzene	M	2760	µg/kg	1.0			[B] < 1.0
Sec-Butylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
1,3-Dichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
4-Isopropyltoluene	U	2760	µg/kg	1.0			[B] < 1.0
1,4-Dichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
N-Butylbenzene	U	2760	µg/kg	1.0			[B] < 1.0
1,2-Dichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
1,2-Dibromo-3-Chloropropane	U	2760	µg/kg	50			[B] < 50
1,2,4-Trichlorobenzene	M	2760	µg/kg	1.0			[B] < 1.0
Hexachlorobutadiene	U	2760	µg/kg	1.0			[B] < 1.0

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776922	776923	776924	776926	776927
Order No.: POR004813	Client Sample Ref.:		1-212	1-213	1-033	1-043	1-048
	Client Sample ID.:		DTS280.801-212	DTS291.201-213	TP070.501-033	TP081.201-043	TP090.501-048
	Sample Location:		DTS28	DTS29	TP07	TP08	TP09
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.80	1.20	0.50	1.20	0.50
	Bottom Depth (m):		0.80	1.20	0.50	1.20	0.50
	Date Sampled:		06-Feb-2019	06-Feb-2019	21-Jan-2019	24-Jan-2019	22-Jan-2019
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD			
1,2,3-Trichlorobenzene	U	2760	µg/kg	2.0			[B] < 2.0
Carbon Disulphide	N	2760	µg/kg	50			[B] < 50
Methyl Tert-Butyl Ether	M	2760	µg/kg	1.0			[B] < 1.0
N-Nitrosodimethylamine	N	2790	mg/kg	0.050			[B] < 0.050
Phenol	N	2790	mg/kg	0.050			[B] < 0.050
2-Chlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
Bis-(2-Chloroethyl)Ether	N	2790	mg/kg	0.050			[B] < 0.050
1,3-Dichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
1,4-Dichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
1,2-Dichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
2-Methylphenol	N	2790	mg/kg	0.050			[B] < 0.050
Bis(2-Chloroisopropyl)Ether	N	2790	mg/kg	0.050			[B] < 0.050
Hexachloroethane	N	2790	mg/kg	0.050			[B] < 0.050
N-Nitrosodi-n-propylamine	N	2790	mg/kg	0.050			[B] < 0.050
4-Methylphenol	N	2790	mg/kg	0.050			[B] < 0.050
Nitrobenzene	N	2790	mg/kg	0.050			[B] < 0.050
Isophorone	N	2790	mg/kg	0.050			[B] < 0.050
2-Nitrophenol	N	2790	mg/kg	0.050			[B] < 0.050
2,4-Dimethylphenol	N	2790	mg/kg	0.050			[B] < 0.050
Bis(2-Chloroethoxy)Methane	N	2790	mg/kg	0.050			[B] < 0.050
2,4-Dichlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
1,2,4-Trichlorobenzene	N	2790	mg/kg	0.050			[B] < 0.050
Naphthalene	N	2790	mg/kg	0.050			[B] 0.31
4-Chloroaniline	N	2790	mg/kg	0.050			[B] < 0.050
Hexachlorobutadiene	N	2790	mg/kg	0.050			[B] < 0.050
4-Chloro-3-Methylphenol	N	2790	mg/kg	0.050			[B] < 0.050
2-Methylnaphthalene	N	2790	mg/kg	0.050			[B] 0.43
Hexachlorocyclopentadiene	N	2790	mg/kg	0.050			[B] < 0.050
2,4,6-Trichlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
2,4,5-Trichlorophenol	N	2790	mg/kg	0.050			[B] < 0.050
2-Chloronaphthalene	N	2790	mg/kg	0.050			[B] < 0.050
2-Nitroaniline	N	2790	mg/kg	0.050			[B] < 0.050
Acenaphthylene	N	2790	mg/kg	0.050			[B] 0.17
Dimethylphthalate	N	2790	mg/kg	0.050			[B] < 0.050
2,6-Dinitrotoluene	N	2790	mg/kg	0.050			[B] < 0.050

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:				19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:				776922	776923	776924	776926	776927
Order No.: POR004813	Client Sample Ref.:				1-212	1-213	1-033	1-043	1-048
	Client Sample ID.:				DTS280.801-212	DTS291.201-213	TP070.501-033	TP081.201-043	TP090.501-048
	Sample Location:				DTS28	DTS29	TP07	TP08	TP09
	Sample Type:				SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):				0.80	1.20	0.50	1.20	0.50
	Bottom Depth (m):				0.80	1.20	0.50	1.20	0.50
	Date Sampled:				06-Feb-2019	06-Feb-2019	21-Jan-2019	24-Jan-2019	22-Jan-2019
	Asbestos Lab:				COVENTRY	COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD					
Acenaphthene	N	2790	mg/kg	0.050				[B] 0.82	
3-Nitroaniline	N	2790	mg/kg	0.050				[B] < 0.050	
Dibenzofuran	N	2790	mg/kg	0.050				[B] 0.32	
4-Chlorophenylphenylether	N	2790	mg/kg	0.050				[B] < 0.050	
2,4-Dinitrotoluene	N	2790	mg/kg	0.050				[B] < 0.050	
Fluorene	N	2790	mg/kg	0.050				[B] 0.59	
Diethyl Phthalate	N	2790	mg/kg	0.050				[B] < 0.050	
4-Nitroaniline	N	2790	mg/kg	0.050				[B] < 0.050	
2-Methyl-4,6-Dinitrophenol	N	2790	mg/kg	0.050				[B] < 0.050	
Azobenzene	N	2790	mg/kg	0.050				[B] < 0.050	
4-Bromophenylphenyl Ether	N	2790	mg/kg	0.050				[B] < 0.050	
Hexachlorobenzene	N	2790	mg/kg	0.050				[B] < 0.050	
Pentachlorophenol	N	2790	mg/kg	0.050				[B] < 0.050	
Phenanthrene	N	2790	mg/kg	0.050				[B] 6.7	
Anthracene	N	2790	mg/kg	0.050				[B] 1.9	
Carbazole	N	2790	mg/kg	0.050				[B] 0.56	
Di-N-Butyl Phthalate	N	2790	mg/kg	0.050				[B] < 0.050	
Fluoranthene	N	2790	mg/kg	0.050				[B] 11	
Pyrene	N	2790	mg/kg	0.050				[B] 9.5	
Butylbenzyl Phthalate	N	2790	mg/kg	0.050				[B] 0.094	
Benzo[a]anthracene	N	2790	mg/kg	0.050				[B] 5.5	
Chrysene	N	2790	mg/kg	0.050				[B] 5.5	
Bis(2-Ethylhexyl)Phthalate	N	2790	mg/kg	0.050				[B] 0.31	
Di-N-Octyl Phthalate	N	2790	mg/kg	0.050				[B] 0.067	
Benzo[b]fluoranthene	N	2790	mg/kg	0.050				[B] 6.4	
Benzo[k]fluoranthene	N	2790	mg/kg	0.050				[B] 2.7	
Benzo[a]pyrene	N	2790	mg/kg	0.050				[B] 4.6	
Indeno(1,2,3-c,d)Pyrene	N	2790	mg/kg	0.050				[B] 2.8	
Dibenz(a,h)Anthracene	N	2790	mg/kg	0.050				[B] 4.8	
Benzo[g,h,i]perylene	N	2790	mg/kg	0.050				[B] 3.2	
4-Nitrophenol	N	2790	mg/kg	0.050				[B] 0.31	
Naphthalene	M	2800	mg/kg	0.10	< 0.10				
Acenaphthylene	N	2800	mg/kg	0.10	< 0.10				
Acenaphthene	M	2800	mg/kg	0.10	< 0.10				
Fluorene	M	2800	mg/kg	0.10	< 0.10				

Results - Soil

Client: Soiltechnics Limited	Chemtest Job No.:		19-05922	19-05922	19-05922	19-05922	19-05922
Quotation No.:	Chemtest Sample ID.:		776922	776923	776924	776926	776927
Order No.: POR004813	Client Sample Ref.:		1-212	1-213	1-033	1-043	1-048
	Client Sample ID.:		DTS280.801-212	DTS291.201-213	TP070.501-033	TP081.201-043	TP090.501-048
	Sample Location:		DTS28	DTS29	TP07	TP08	TP09
	Sample Type:		SOIL	SOIL	SOIL	SOIL	SOIL
	Top Depth (m):		0.80	1.20	0.50	1.20	0.50
	Bottom Depth (m):		0.80	1.20	0.50	1.20	0.50
	Date Sampled:		06-Feb-2019	06-Feb-2019	21-Jan-2019	24-Jan-2019	22-Jan-2019
	Asbestos Lab:		COVENTRY	COVENTRY	COVENTRY		COVENTRY
Determinand	Accred.	SOP	Units	LOD			
Phenanthrene	M	2800	mg/kg	0.10	< 0.10		
Anthracene	M	2800	mg/kg	0.10	< 0.10		
Fluoranthene	M	2800	mg/kg	0.10	< 0.10		
Pyrene	M	2800	mg/kg	0.10	< 0.10		
Benzo[a]anthracene	M	2800	mg/kg	0.10	< 0.10		
Chrysene	M	2800	mg/kg	0.10	< 0.10		
Benzo[b]fluoranthene	M	2800	mg/kg	0.10	< 0.10		
Benzo[k]fluoranthene	M	2800	mg/kg	0.10	< 0.10		
Benzo[a]pyrene	M	2800	mg/kg	0.10	< 0.10		
Indeno(1,2,3-c,d)Pyrene	M	2800	mg/kg	0.10	< 0.10		
Dibenz(a,h)Anthracene	N	2800	mg/kg	0.10	< 0.10		
Benzo[g,h,i]perylene	M	2800	mg/kg	0.10	< 0.10		
Total Of 16 PAH's	N	2800	mg/kg	2.0	< 2.0		
Total Phenols	M	2920	mg/kg	0.30	< 0.30		< 0.30
VOC TIC	N	2760	µg/kg	N/A			[B] None Detected

Deviations

In accordance with UKAS Policy on Deviating Samples TPS 63. Chemtest have a procedure to ensure 'upon receipt of each sample a competent laboratory shall assess whether the sample is suitable with regard to the requested test(s)'. This policy and the respective holding times applied, can be supplied upon request. The reason a sample is declared as deviating is detailed below. Where applicable the analysis remains UKAS/MCERTs accredited but the results may be compromised.

Sample:	Sample Ref:	Sample ID:	Sample Location:	Sampled Date:	Deviation Code(s):	Containers Received:
776910	1-210	DTS040.801-210	DTS04	06-Feb-2019	C	Plastic Tub 500g
776915	1-223	DTS090.501-223	DTS09	08-Feb-2019	C	Plastic Tub 500g
776918	1-250	DTS160.801-250	DTS16	07-Feb-2019	C	Plastic Tub 500g
776926	1-043	TP081.201-043	TP08	24-Jan-2019	B	Amber Glass 250ml
776926	1-043	TP081.201-043	TP08	24-Jan-2019	B	Amber Glass 60ml
776926	1-043	TP081.201-043	TP08	24-Jan-2019	B	Plastic Tub 500g

SOP	Title	Parameters included	Method summary
1010	pH Value of Waters	pH	pH Meter
1220	Anions, Alkalinity & Ammonium in Waters	Fluoride; Chloride; Nitrite; Nitrate; Total; Oxidisable Nitrogen (TON); Sulfate; Phosphate; Alkalinity; Ammonium	Automated colorimetric analysis using 'Aquakem 600' Discrete Analyser.
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.
1325	Sulphide in Waters	Sulphides	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using N,N-dimethyl-p-phenylenediamine.
1450	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).
1800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Waters by GC-MS	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Pentane extraction / GCMS detection
1920	Phenols in Waters by HPLC	Phenolic compounds including: Phenol, Cresols, Xylenols, Trimethylphenols Note: Chlorophenols are excluded.	Determination by High Performance Liquid Chromatography (HPLC) using electrochemical detection.
2010	pH Value of Soils	pH	pH Meter
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <37°C.
2040	Soil Description(Requirement of MCERTS)	Soil description	As received soil is described based upon BS5930
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES
2175	Total Sulphur in Soils	Total Sulphur	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.
2192	Asbestos	Asbestos	Polarised light microscopy / Gravimetry
2220	Water soluble Chloride in Soils	Chloride	Aqueous extraction and measurement by 'Aquakem 600' Discrete Analyser using ferric nitrate / mercuric thiocyanate.
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.
2325	Sulphide in Soils	Sulphide	Steam distillation with sulphuric acid / analysis by 'Aquakem 600' Discrete Analyser, using N,N-dimethyl-p-phenylenediamine.
2430	Total Sulphate in soils	Total Sulphate	Acid digestion followed by determination of sulphate in extract by ICP-OES.
2450	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.
2625	Total Organic Carbon in Soils	Total organic Carbon (TOC)	Determined by high temperature combustion under oxygen, using an Eltra elemental analyser.

SOP	Title	Parameters included	Method summary
2680	TPH A/A Split	Aliphatics: >C5–C6, >C6–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44 Aromatics: >C5–C7, >C7–C8, >C8–C10, >C10–C12, >C12–C16, >C16–C21, >C21–C35, >C35–C44	Dichloromethane extraction / GCxGC FID detection
2760	Volatile Organic Compounds (VOCs) in Soils by Headspace GC-MS	Volatile organic compounds, including BTEX and halogenated Aliphatic/Aromatics. (cf. USEPA Method 8260)*please refer to UKAS schedule	Automated headspace gas chromatographic (GC) analysis of a soil sample, as received, with mass spectrometric (MS) detection of volatile organic compounds.
2790	Semi-Volatile Organic Compounds (SVOCs) in Soils by GC-MS	Semi-volatile organic compounds (cf. USEPA Method 8270)	Acetone/Hexane extraction / GC-MS
2800	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-MS	Acenaphthene*; Acenaphthylene; Anthracene*; Benzo[a]Anthracene*; Benzo[a]Pyrene*; Benzo[b]Fluoranthene*; Benzo[ghi]Perylene*; Benzo[k]Fluoranthene; Chrysene*; Dibenz[ah]Anthracene; Fluoranthene*; Fluorene*; Indeno[123cd]Pyrene*; Naphthalene*; Phenanthrene*; Pyrene*	Dichloromethane extraction / GC-MS
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and Trimethylphenols Note: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.

Report Information

Key

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

Comments or interpretations are beyond the scope of UKAS accreditation

The results relate only to the items tested

Uncertainty of measurement for the determinands tested are available upon request

None of the results in this report have been recovery corrected

All results are expressed on a dry weight basis

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

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

All Asbestos testing is performed at the indicated laboratory

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

Sample Deviation Codes

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

Sample Retention and Disposal

All soil samples will be retained for a period of 45 days from the date of receipt

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

Charges may apply to extended sample storage

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

customerservices@chemtest.com



2183

Final Report

Report No.: 19-06826-1

Initial Date of Issue: 11-Mar-2019

Client Soiltechnics Limited

Client Address: Cedar Barn
White Lodge
Walgrave
Northampton
Northamptonshire
NN6 9PY

Contact(s): Alexa Band
Lauren Wenham

Project STQ4642M Nunsfield Road, Buxton

Quotation No.: **Date Received:** 25-Feb-2019

Order No.: **Date Instructed:** 25-Feb-2019

No. of Samples: 3

Turnaround (Wkdays): 5 **Results Due:** 01-Mar-2019

Date Approved: 11-Mar-2019

Approved By:

Details: Robert Monk, Technical Manager

Results - Water

Client: Soiltechnics Limited	Chemtest Job No.:				19-06826	19-06826	19-06826
Quotation No.:	Chemtest Sample ID.:				781585	781586	781587
Order No.:	Client Sample Ref.:				1 - 400	1 - 402	1 - 401
	Client Sample ID.:				DTS193.201 - 400	DOWNSTREA M010.001 - 402	UPSTREAM01 0.001 - 401
	Sample Location:				DTS19	Downstream01	Upstream01
	Sample Type:				WATER	WATER	WATER
	Top Depth (m):				3.20	0.00	0.00
	Bottom Depth (m):				3.20	0.00	0.00
	Date Sampled:				18-Feb-2019	18-Feb-2019	18-Feb-2019
Determinand	Accred.	SOP	Units	LOD			
pH	U	1010		N/A	6.9	7.6	7.7
Nitrate	U	1220	mg/l	0.50	< 0.50	11	0.77
Sulphate	U	1220	mg/l	1.0	63	33	26
Cyanide (Total)	U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050
Cyanide (Free)	U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050
Cyanide (Complex)	U	1300	mg/l	0.050	< 0.050	< 0.050	< 0.050
Sulphide	U	1325	mg/l	0.050	[B] < 0.050	[B] < 0.050	[B] < 0.050
Arsenic (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0
Boron (Dissolved)	U	1450	µg/l	20	310	420	410
Beryllium (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0
Cadmium (Dissolved)	U	1450	µg/l	0.080	< 0.080	< 0.080	0.10
Chromium (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0
Copper (Dissolved)	U	1450	µg/l	1.0	1.2	1.1	< 1.0
Mercury (Dissolved)	U	1450	µg/l	0.50	< 0.50	< 0.50	< 0.50
Nickel (Dissolved)	U	1450	µg/l	1.0	< 1.0	1.6	1.8
Lead (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0
Selenium (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0
Vanadium (Dissolved)	U	1450	µg/l	1.0	< 1.0	< 1.0	< 1.0
Zinc (Dissolved)	U	1450	µg/l	1.0	3.5	3.3	3.0
Chromium (Hexavalent)	U	1490	µg/l	20	< 20	< 20	< 20
Aliphatic TPH >C5-C6	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C6-C8	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aliphatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Total Aliphatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0	< 5.0	< 5.0
Aromatic TPH >C5-C7	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C7-C8	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C8-C10	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C10-C12	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10
Aromatic TPH >C12-C16	N	1675	µg/l	0.10	< 0.10	< 0.10	< 0.10

Results - Water

Client: Soiltechnics Limited	Chemtest Job No.:		19-06826	19-06826	19-06826
Quotation No.:	Chemtest Sample ID.:		781585	781586	781587
Order No.:	Client Sample Ref.:		1 - 400	1 - 402	1 - 401
	Client Sample ID.:	DTS193.201 - 400	DOWNSTREA M010.001 - 402	UPSTREAM01 0.001 - 401	
	Sample Location:	DTS19	Downstream01	Upstream01	
	Sample Type:	WATER	WATER	WATER	
	Top Depth (m):	3.20	0.00	0.00	
	Bottom Depth (m):	3.20	0.00	0.00	
	Date Sampled:	18-Feb-2019	18-Feb-2019	18-Feb-2019	
Determinand	Accred.	SOP	Units	LOD	
Aromatic TPH >C16-C21	N	1675	µg/l	0.10	< 0.10
Aromatic TPH >C21-C35	N	1675	µg/l	0.10	< 0.10
Aromatic TPH >C35-C44	N	1675	µg/l	0.10	< 0.10
Total Aromatic Hydrocarbons	N	1675	µg/l	5.0	< 5.0
Total Petroleum Hydrocarbons	N	1675	µg/l	10	< 10
Dichlorodifluoromethane	U	1760	µg/l	1.0	< 1.0
Chloromethane	U	1760	µg/l	1.0	< 1.0
Vinyl Chloride	N	1760	µg/l	1.0	< 1.0
Bromomethane	U	1760	µg/l	5.0	< 5.0
Chloroethane	U	1760	µg/l	2.0	< 2.0
Trichlorofluoromethane	U	1760	µg/l	1.0	< 1.0
1,1-Dichloroethene	U	1760	µg/l	1.0	< 1.0
Trans 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0
1,1-Dichloroethane	U	1760	µg/l	1.0	< 1.0
cis 1,2-Dichloroethene	U	1760	µg/l	1.0	< 1.0
Bromochloromethane	U	1760	µg/l	5.0	< 5.0
Trichloromethane	U	1760	µg/l	1.0	< 1.0
1,1,1-Trichloroethane	U	1760	µg/l	1.0	< 1.0
Tetrachloromethane	U	1760	µg/l	1.0	< 1.0
1,1-Dichloropropene	U	1760	µg/l	1.0	< 1.0
Benzene	U	1760	µg/l	1.0	< 1.0
1,2-Dichloroethane	U	1760	µg/l	2.0	< 2.0
Trichloroethene	N	1760	µg/l	1.0	< 1.0
1,2-Dichloropropane	U	1760	µg/l	1.0	< 1.0
Dibromomethane	U	1760	µg/l	10	< 10
Bromodichloromethane	U	1760	µg/l	5.0	< 5.0
cis-1,3-Dichloropropene	N	1760	µg/l	10	< 10
Toluene	U	1760	µg/l	1.0	< 1.0
Trans-1,3-Dichloropropene	N	1760	µg/l	10	< 10
1,1,2-Trichloroethane	U	1760	µg/l	10	< 10
Tetrachloroethene	U	1760	µg/l	1.0	< 1.0
1,3-Dichloropropane	U	1760	µg/l	2.0	< 2.0
Dibromochloromethane	U	1760	µg/l	10	< 10
1,2-Dibromoethane	U	1760	µg/l	5.0	< 5.0