



Rachel Yeldham
Delta-Simons
3 Henley Office Park
Doddington Road
Lincoln
LN6 3QR

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

e: rachel.yeldham@deltasimons.com

Analytical Report Number : 19-52668

Project / Site name:	The Chestnuts	Samples received on:	01/08/2019
Your job number:	19-1251.01	Samples instructed on:	01/08/2019
Your order number:	DS48653	Analysis completed by:	08/08/2019
Report Issue Number:	1	Report issued on:	08/08/2019
Samples Analysed:	7 soil samples		

Signed: *Karolina Marek*

Karolina Marek
Technical Reviewer (Reporting Team)
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41 -711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

Excel copies of reports are only valid when accompanied by this PDF certificate.

Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement. Application of uncertainty of measurement would provide a range within which the true result lies. An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 19-52668

Project / Site name: The Chestnuts

Your Order No: DS48653

Lab Sample Number				1281803	1281804	1281805	1281806	1281807
Sample Reference				ES1	ES2	ES3	ES6	ES8
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	1.90	1.00
Date Sampled				31/07/2019	31/07/2019	31/07/2019	31/07/2019	31/07/2019
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	N/A	NONE	14	14	12	22	19
Total mass of sample received	kg	0.001	NONE	1.3	1.2	1.3	0.90	1.2

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	26	8.8	12	-	-
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.5	< 0.2	< 0.2	-	-
Chromium (hexavalent)	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	-	-
Chromium (III)	mg/kg	1	NONE	17	15	14	-	-
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	17	15	14	-	-
Copper (aqua regia extractable)	mg/kg	1	MCERTS	63	20	41	-	-
Lead (aqua regia extractable)	mg/kg	1	MCERTS	190	37	38	14	17
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.9	< 0.3	< 0.3	-	-
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	17	13	13	-	-
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	280	96	70	-	-

Monoaromatics & Oxygenates

Benzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Toluene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	2.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	10	4.9	5.4	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	43	13	16	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	77	38	33	< 8.0	< 8.0
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	130	57	55	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	3.8	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	2.9	18	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	34	150	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	63	370	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	99	540	< 10	< 10	< 10

Analytical Report Number: 19-52668

Project / Site name: The Chestnuts

Your Order No: DS48653

Lab Sample Number				1281803	1281804	1281805	1281806	1281807
Sample Reference				ES1	ES2	ES3	ES6	ES8
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	1.90	1.00
Date Sampled				31/07/2019	31/07/2019	31/07/2019	31/07/2019	31/07/2019
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		

VOCs

Chloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Chloroethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
Bromomethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Vinyl Chloride	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
Trichlorofluoromethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
1,1-Dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,1-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
2,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Trichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,2-Dichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,1-Dichloropropene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
Benzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Tetrachloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,2-Dichloropropane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Trichloroethene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Dibromomethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Bromodichloromethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Toluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Dibromochloromethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Tetrachloroethene	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
Chlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
p & m-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Tribromomethane	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-
o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Isopropylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
n-Propylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
2-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
4-Chlorotoluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
tert-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
sec-Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
Hexachlorobutadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-

Analytical Report Number: 19-52668

Project / Site name: The Chestnuts

Your Order No: DS48653

Lab Sample Number				1281803	1281804	1281805	1281806	1281807
Sample Reference				ES1	ES2	ES3	ES6	ES8
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				None Supplied	None Supplied	None Supplied	1.90	1.00
Date Sampled				31/07/2019	31/07/2019	31/07/2019	31/07/2019	31/07/2019
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		

SVOCs

Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-
Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	-	-
2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
Hexachloroethane	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	-
Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	-	-
Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.27	< 0.05	-	-
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
4-Chloroaniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-
Hexachlorobutadiene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
2-Methylnaphthalene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-
2-Chloronaphthalene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
Dimethylphthalate	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.35	< 0.05	-	-
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.79	< 0.05	-	-
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	0.4	< 0.2	-	-
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	-
Diethyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
4-Nitroaniline	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.89	< 0.05	-	-
Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
Phenanthrene	mg/kg	0.05	MCERTS	0.90	7.4	< 0.05	-	-
Anthracene	mg/kg	0.05	MCERTS	0.18	2.0	< 0.05	-	-
Carbazole	mg/kg	0.3	MCERTS	< 0.3	0.6	< 0.3	-	-
Dibutyl phthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-
Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-
Fluoranthene	mg/kg	0.05	MCERTS	2.5	16	< 0.05	-	-
Pyrene	mg/kg	0.05	MCERTS	2.2	14	< 0.05	-	-
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	-
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.3	8.2	< 0.05	-	-
Chrysene	mg/kg	0.05	MCERTS	1.2	7.1	< 0.05	-	-
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	1.1	9.2	< 0.05	-	-
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.91	4.5	< 0.05	-	-
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.2	9.6	< 0.05	-	-
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.59	4.7	< 0.05	-	-
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	1.4	< 0.05	-	-
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.82	6.2	< 0.05	-	-

Analytical Report Number: 19-52668

Project / Site name: The Chestnuts

Your Order No: DS48653

Lab Sample Number				1281808	1281809			
Sample Reference				ES9	ES11			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.70	0.80			
Date Sampled				31/07/2019	31/07/2019			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1			
Moisture Content	%	N/A	NONE	15	18			
Total mass of sample received	kg	0.001	NONE	1.1	1.2			

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	-	-			
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	-	-			
Chromium (hexavalent)	mg/kg	4	MCERTS	-	-			
Chromium (III)	mg/kg	1	NONE	-	-			
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	-	-			
Copper (aqua regia extractable)	mg/kg	1	MCERTS	-	-			
Lead (aqua regia extractable)	mg/kg	1	MCERTS	9.6	10			
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	-	-			
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	-	-			
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	-	-			

Monoaromatics & Oxygenates

Benzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
Toluene	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
Ethylbenzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
p & m-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	< 0.001	< 0.001			

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
TPH-CWG - Aliphatic >EC6 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
TPH-CWG - Aliphatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
TPH-CWG - Aliphatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0			
TPH-CWG - Aliphatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0			
TPH-CWG - Aliphatic >EC16 - EC21	mg/kg	8	MCERTS	< 8.0	< 8.0			
TPH-CWG - Aliphatic >EC21 - EC35	mg/kg	8	MCERTS	< 8.0	< 8.0			
TPH-CWG - Aliphatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10			

TPH-CWG - Aromatic >EC5 - EC7	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
TPH-CWG - Aromatic >EC7 - EC8	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
TPH-CWG - Aromatic >EC8 - EC10	mg/kg	0.001	MCERTS	< 0.001	< 0.001			
TPH-CWG - Aromatic >EC10 - EC12	mg/kg	1	MCERTS	< 1.0	< 1.0			
TPH-CWG - Aromatic >EC12 - EC16	mg/kg	2	MCERTS	< 2.0	< 2.0			
TPH-CWG - Aromatic >EC16 - EC21	mg/kg	10	MCERTS	< 10	< 10			
TPH-CWG - Aromatic >EC21 - EC35	mg/kg	10	MCERTS	< 10	< 10			
TPH-CWG - Aromatic (EC5 - EC35)	mg/kg	10	MCERTS	< 10	< 10			

Analytical Report Number: 19-52668

Project / Site name: The Chestnuts

Your Order No: DS48653

Lab Sample Number				1281808	1281809			
Sample Reference				ES9	ES11			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.70	0.80			
Date Sampled				31/07/2019	31/07/2019			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)				Units	Limit of detection	Accreditation Status		

VOCs

Chloromethane	mg/kg	0.001	ISO 17025	-	-			
Chloroethane	mg/kg	0.001	NONE	-	-			
Bromomethane	mg/kg	0.001	ISO 17025	-	-			
Vinyl Chloride	mg/kg	0.001	NONE	-	-			
Trichlorofluoromethane	mg/kg	0.001	NONE	-	-			
1,1-Dichloroethene	mg/kg	0.001	NONE	-	-			
1,1,2-Trichloro 1,2,2-Trifluoroethane	mg/kg	0.001	ISO 17025	-	-			
Cis-1,2-dichloroethene	mg/kg	0.001	MCERTS	-	-			
MTBE (Methyl Tertiary Butyl Ether)	mg/kg	0.001	MCERTS	-	-			
1,1-Dichloroethane	mg/kg	0.001	MCERTS	-	-			
2,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-			
Trichloromethane	mg/kg	0.001	MCERTS	-	-			
1,1,1-Trichloroethane	mg/kg	0.001	MCERTS	-	-			
1,2-Dichloroethane	mg/kg	0.001	MCERTS	-	-			
1,1-Dichloropropene	mg/kg	0.001	MCERTS	-	-			
Trans-1,2-dichloroethene	mg/kg	0.001	NONE	-	-			
Benzene	mg/kg	0.001	MCERTS	-	-			
Tetrachloromethane	mg/kg	0.001	MCERTS	-	-			
1,2-Dichloropropane	mg/kg	0.001	MCERTS	-	-			
Trichloroethene	mg/kg	0.001	MCERTS	-	-			
Dibromomethane	mg/kg	0.001	MCERTS	-	-			
Bromodichloromethane	mg/kg	0.001	MCERTS	-	-			
Cis-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-			
Trans-1,3-dichloropropene	mg/kg	0.001	ISO 17025	-	-			
Toluene	mg/kg	0.001	MCERTS	-	-			
1,1,2-Trichloroethane	mg/kg	0.001	MCERTS	-	-			
1,3-Dichloropropane	mg/kg	0.001	ISO 17025	-	-			
Dibromochloromethane	mg/kg	0.001	ISO 17025	-	-			
Tetrachloroethene	mg/kg	0.001	NONE	-	-			
1,2-Dibromoethane	mg/kg	0.001	ISO 17025	-	-			
Chlorobenzene	mg/kg	0.001	MCERTS	-	-			
1,1,1,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-			
Ethylbenzene	mg/kg	0.001	MCERTS	-	-			
p & m-Xylene	mg/kg	0.001	MCERTS	-	-			
Styrene	mg/kg	0.001	MCERTS	-	-			
Tribromomethane	mg/kg	0.001	NONE	-	-			
o-Xylene	mg/kg	0.001	MCERTS	-	-			
1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	-	-			
Isopropylbenzene	mg/kg	0.001	MCERTS	-	-			
Bromobenzene	mg/kg	0.001	MCERTS	-	-			
n-Propylbenzene	mg/kg	0.001	ISO 17025	-	-			
2-Chlorotoluene	mg/kg	0.001	MCERTS	-	-			
4-Chlorotoluene	mg/kg	0.001	MCERTS	-	-			
1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-			
tert-Butylbenzene	mg/kg	0.001	MCERTS	-	-			
1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	-	-			
sec-Butylbenzene	mg/kg	0.001	MCERTS	-	-			
1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	-	-			
p-Isopropyltoluene	mg/kg	0.001	ISO 17025	-	-			
1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-			
1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	-	-			
Butylbenzene	mg/kg	0.001	MCERTS	-	-			
1,2-Dibromo-3-chloropropane	mg/kg	0.001	ISO 17025	-	-			
1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	-	-			
Hexachlorobutadiene	mg/kg	0.001	MCERTS	-	-			
1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	-	-			

Analytical Report Number: 19-52668

Project / Site name: The Chestnuts

Your Order No: DS48653

Lab Sample Number				1281808	1281809			
Sample Reference				ES9	ES11			
Sample Number				None Supplied	None Supplied			
Depth (m)				0.70	0.80			
Date Sampled				31/07/2019	31/07/2019			
Time Taken				None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
SVOCs								
Aniline	mg/kg	0.1	NONE	-	-			
Phenol	mg/kg	0.2	ISO 17025	-	-			
2-Chlorophenol	mg/kg	0.1	MCERTS	-	-			
Bis(2-chloroethyl)ether	mg/kg	0.2	MCERTS	-	-			
1,3-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-			
1,2-Dichlorobenzene	mg/kg	0.1	MCERTS	-	-			
1,4-Dichlorobenzene	mg/kg	0.2	MCERTS	-	-			
Bis(2-chloroisopropyl)ether	mg/kg	0.1	MCERTS	-	-			
2-Methylphenol	mg/kg	0.3	MCERTS	-	-			
Hexachloroethane	mg/kg	0.05	MCERTS	-	-			
Nitrobenzene	mg/kg	0.3	MCERTS	-	-			
4-Methylphenol	mg/kg	0.2	NONE	-	-			
Isophorone	mg/kg	0.2	MCERTS	-	-			
2-Nitrophenol	mg/kg	0.3	MCERTS	-	-			
2,4-Dimethylphenol	mg/kg	0.3	MCERTS	-	-			
Bis(2-chloroethoxy)methane	mg/kg	0.3	MCERTS	-	-			
1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	-	-			
Naphthalene	mg/kg	0.05	MCERTS	-	-			
2,4-Dichlorophenol	mg/kg	0.3	MCERTS	-	-			
4-Chloroaniline	mg/kg	0.1	NONE	-	-			
Hexachlorobutadiene	mg/kg	0.1	MCERTS	-	-			
4-Chloro-3-methylphenol	mg/kg	0.1	NONE	-	-			
2,4,6-Trichlorophenol	mg/kg	0.1	MCERTS	-	-			
2,4,5-Trichlorophenol	mg/kg	0.2	MCERTS	-	-			
2-Methylnaphthalene	mg/kg	0.1	NONE	-	-			
2-Chloronaphthalene	mg/kg	0.1	MCERTS	-	-			
Dimethylphthalate	mg/kg	0.1	MCERTS	-	-			
2,6-Dinitrotoluene	mg/kg	0.1	MCERTS	-	-			
Acenaphthylene	mg/kg	0.05	MCERTS	-	-			
Acenaphthene	mg/kg	0.05	MCERTS	-	-			
2,4-Dinitrotoluene	mg/kg	0.2	MCERTS	-	-			
Dibenzofuran	mg/kg	0.2	MCERTS	-	-			
4-Chlorophenyl phenyl ether	mg/kg	0.3	ISO 17025	-	-			
Diethyl phthalate	mg/kg	0.2	MCERTS	-	-			
4-Nitroaniline	mg/kg	0.2	MCERTS	-	-			
Fluorene	mg/kg	0.05	MCERTS	-	-			
Azobenzene	mg/kg	0.3	MCERTS	-	-			
Bromophenyl phenyl ether	mg/kg	0.2	MCERTS	-	-			
Hexachlorobenzene	mg/kg	0.3	MCERTS	-	-			
Phenanthrene	mg/kg	0.05	MCERTS	-	-			
Anthracene	mg/kg	0.05	MCERTS	-	-			
Carbazole	mg/kg	0.3	MCERTS	-	-			
Dibutyl phthalate	mg/kg	0.2	MCERTS	-	-			
Anthraquinone	mg/kg	0.3	MCERTS	-	-			
Fluoranthene	mg/kg	0.05	MCERTS	-	-			
Pyrene	mg/kg	0.05	MCERTS	-	-			
Butyl benzyl phthalate	mg/kg	0.3	ISO 17025	-	-			
Benzo(a)anthracene	mg/kg	0.05	MCERTS	-	-			
Chrysene	mg/kg	0.05	MCERTS	-	-			
Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	-	-			
Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	-	-			
Benzo(a)pyrene	mg/kg	0.05	MCERTS	-	-			
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	-	-			
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	-	-			
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	-	-			



Analytical Report Number : 19-52668

Project / Site name: The Chestnuts

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
1281803	ES1	None Supplied	None Supplied	Brown loam and clay with brick and glass.
1281804	ES2	None Supplied	None Supplied	Brown loam and clay with vegetation and gravel
1281805	ES3	None Supplied	None Supplied	Brown loam and clay with gravel and vegetation.
1281806	ES6	None Supplied	1.90	Brown clay and sand.
1281807	ES8	None Supplied	1.00	Brown loam and clay with vegetation.
1281808	ES9	None Supplied	0.70	Brown clay and loam with brick.
1281809	ES11	None Supplied	0.80	Brown clay and sand.

Analytical Report Number : 19-52668

Project / Site name: The Chestnuts

Water matrix abbreviations: Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Water (PrW)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L0738-PL	W	MCERTS
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in water then by acidification, addition of 1,5 diphénylcarbazine followed by colorimetry.	In-house method	L080-PL	W	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically.	In-house method based on BS1377 Part 2, 1990, Chemical and Electrochemical Tests	L019-UK/PL	W	NONE
Semi-volatile organic compounds in soil	Determination of semi-volatile organic compounds in soil by extraction in dichloromethane and hexane followed by GC-MS.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
TPH Chromatogram in Soil	TPH Chromatogram in Soil.	In-house method	L064-PL	D	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Volatile organic compounds in soil	Determination of volatile organic compounds in soil by headspace GC-MS.	In-house method based on USEPA8260	L0738-PL	W	MCERTS

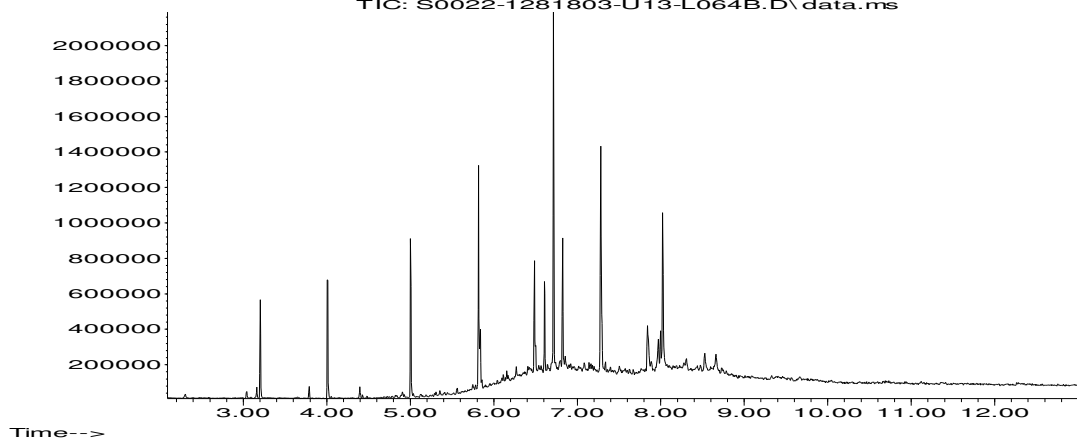
For method numbers ending in 'UK' analysis have been carried out in our laboratory in the United Kingdom.

For method numbers ending in 'PL' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30°C.

Abundance

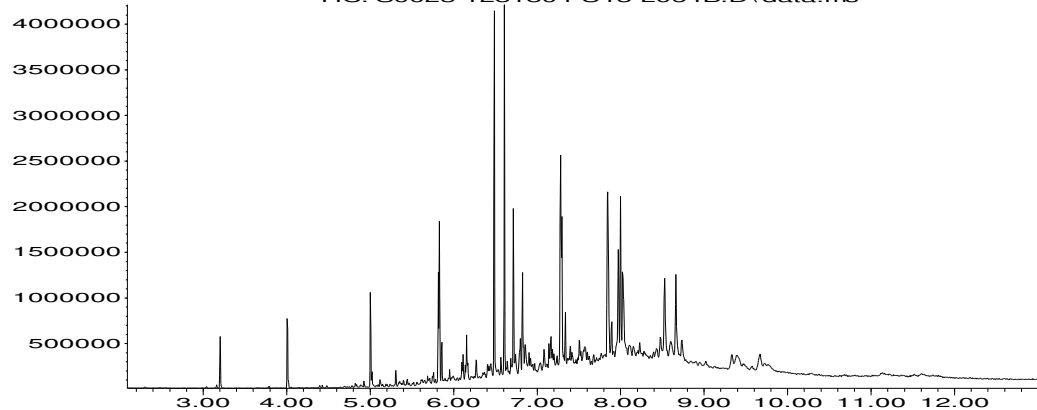
TIC: S0022-1281803-U13-L064B.D\data.ms



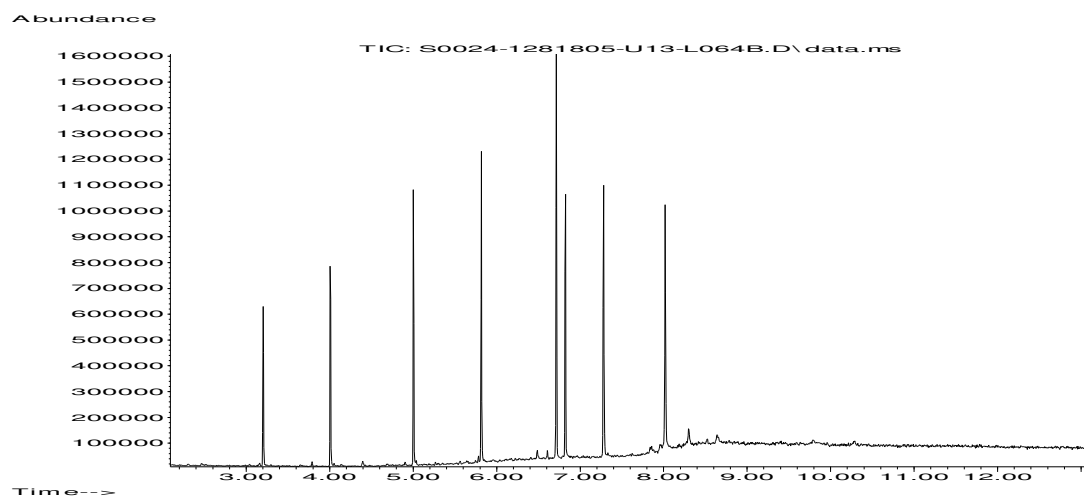
Time-->

Abundance

TIC: S0023-1281804-U13-L064B.D\data.ms

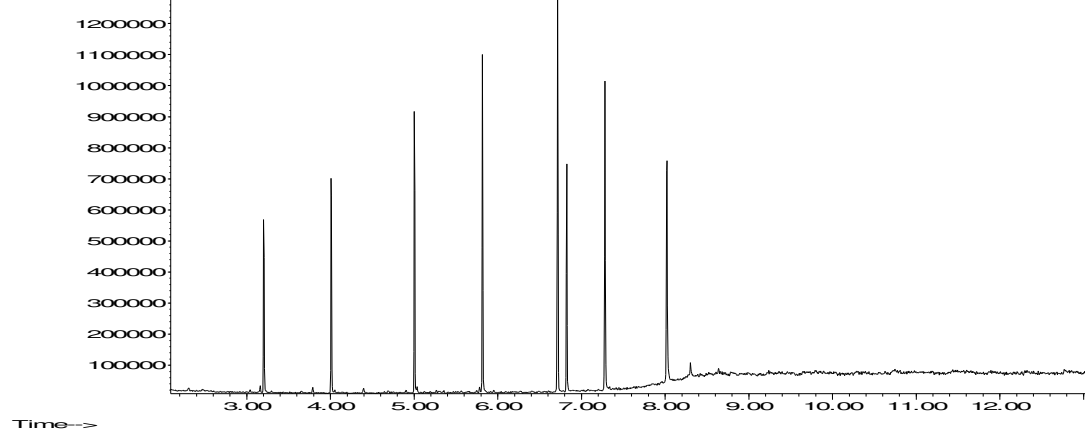


Time-->

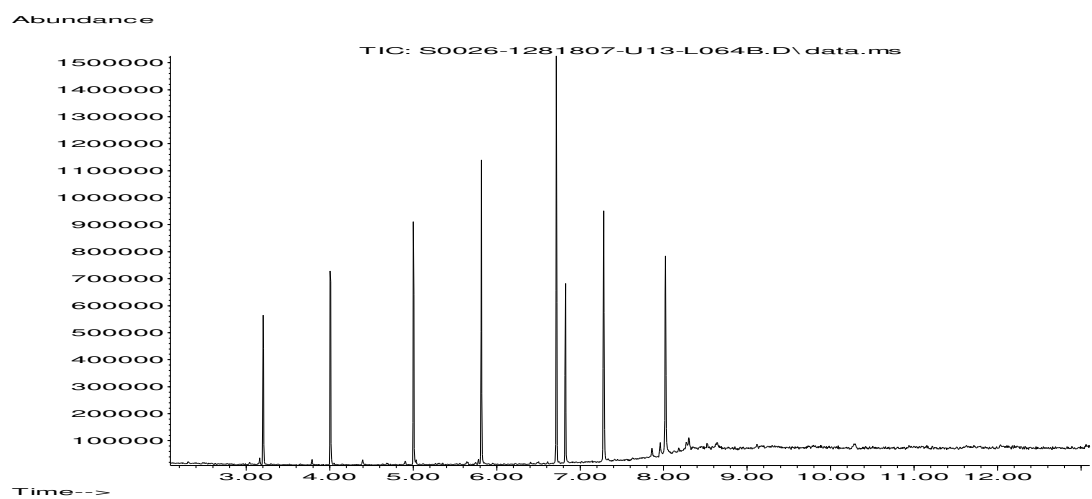


Abundance

TIC: S0025-1281806-U13-L064B.D\data.ms

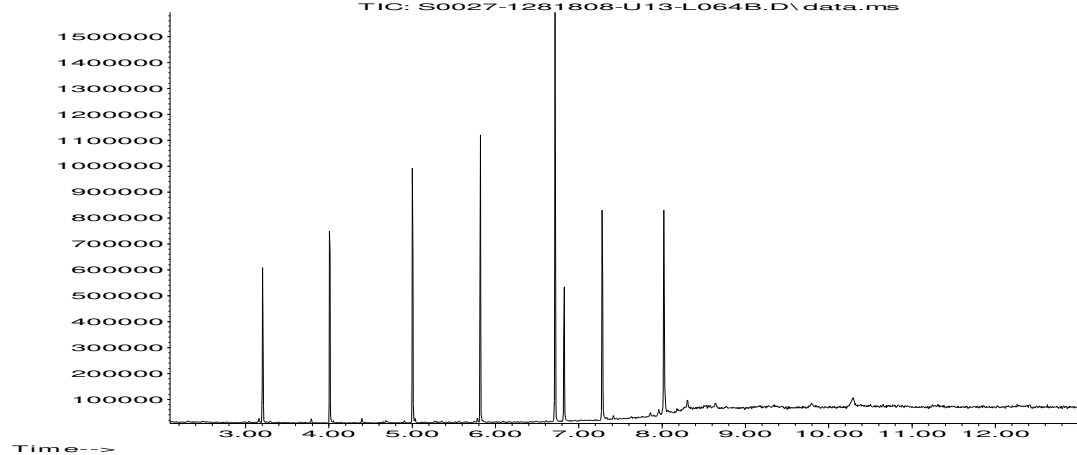


Time-->



Abundance

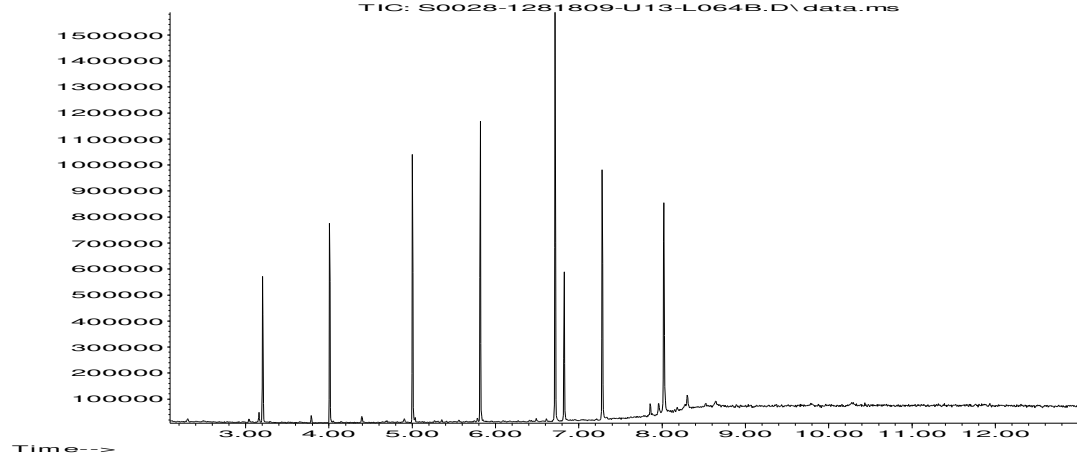
TIC: S0027-1281808-U13-L064B.D\data.ms



Time-->

Abundance

TIC: S0028-1281809-U13-L064B.D\data.ms



Time-->

_planningadvice

From: Grant, David
Sent: 27 January 2020 09:39
To: _planningadvice
Subject: H17-1152-19 The Chestnuts - Soil Test Results Tables
Attachments: 1.JPG; 2.JPG; 3.JPG; 4.JPG; 5.JPG

Please add the attached soil test results to the application.

Kind regards,

David Grant | Senior Planning Officer | **South Holland District Council**

Direct Dial: 01775 764472

www.sholland.gov.uk

Please note that any informal officer opinion expressed by this email is without prejudice and is not binding on the Council during the consideration of any formal application.

	Analytical Report Number: 19-52668										
	Project / Site name: The Chestnuts										
	Your Order No: DS48653										
	Lab Sample Number				1281803	1281804	1281805	1281806	1281807	1281808	1281809
	Sample Reference				ES1	ES2	ES3	ES6	ES8	ES9	ES11
	Sample Number				None Sup	None Sup	None Sup	None Sup	None Sup	None Sup	None Supplied
	Depth (m)				None Sup	None Sup	None Sup	1.9	1	0.7	0.8
	Date Sampled				#####	#####	#####	#####	#####	#####	#####
	Time Taken				None Sup	None Sup	None Sup	None Sup	None Sup	None Sup	None Supplied
	Analytical Units	Limit of detection	Accreditation Status								
744	Stone Core	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
456	Moisture	%	N/A	NONE	14	14	12	22	19	15	18
742	Total mass	kg	0.001	NONE	1.3	1.2	1.3	0.9	1.2	1.1	1.2
	Heavy Metals / Metalloids										
144	Arsenic (a	mg/kg	1	MCERTS	26	8.8	12	-	-	-	-
223	Cadmium	mg/kg	0.2	MCERTS	0.5	< 0.2	< 0.2	-	-	-	-
259	Chromium	mg/kg	4	MCERTS	< 4.0	< 4.0	< 4.0	-	-	-	-
2619	Chromium	mg/kg	1	NONE	17	15	14	-	-	-	-
273	Chromium	mg/kg	1	MCERTS	17	15	14	-	-	-	-
284	Copper (a	mg/kg	1	MCERTS	63	20	41	-	-	-	-
563	Lead (aqu	mg/kg	1	MCERTS	190	37	38	14	17	9.6	10
395	Mercury (i	mg/kg	0.3	MCERTS	0.9	< 0.3	< 0.3	-	-	-	-
505	Nickel (aq	mg/kg	1	MCERTS	17	13	13	-	-	-	-
1458	Zinc (aque	mg/kg	1	MCERTS	280	96	70	-	-	-	-
	Monoaromatics & Oxygenates										
9064	Benzene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
9066	Toluene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
9065	Ethylbenz	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
9067	p & m-xyl	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
9068	o-xylene	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
9069	MTBE (Me	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001

Petroleum Hydrocarbons											
2662	TPH-CWG	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2663	TPH-CWG	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2664	TPH-CWG	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2665	TPH-CWG	mg/kg	1	MCERTS	2	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2666	TPH-CWG	mg/kg	2	MCERTS	10	4.9	5.4	< 2.0	< 2.0	< 2.0	< 2.0
2667	TPH-CWG	mg/kg	8	MCERTS	43	13	16	< 8.0	< 8.0	< 8.0	< 8.0
2668	TPH-CWG	mg/kg	8	MCERTS	77	38	33	< 8.0	< 8.0	< 8.0	< 8.0
2669	TPH-CWG	mg/kg	10	MCERTS	130	57	55	< 10	< 10	< 10	< 10
2670	TPH-CWG	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2671	TPH-CWG	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2672	TPH-CWG	mg/kg	0.001	MCERTS	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
2673	TPH-CWG	mg/kg	1	MCERTS	< 1.0	3.8	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
2674	TPH-CWG	mg/kg	2	MCERTS	2.9	18	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
2675	TPH-CWG	mg/kg	10	MCERTS	34	150	< 10	< 10	< 10	< 10	< 10
2676	TPH-CWG	mg/kg	10	MCERTS	63	370	< 10	< 10	< 10	< 10	< 10
2677	TPH-CWG	mg/kg	10	MCERTS	99	540	< 10	< 10	< 10	< 10	< 10

	VOCs										
3029	Chlorome	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3027	Chloroeth	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3020	Bromome	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3055	Vinyl Chlc	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3052	Trichlorof	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3003	1,1-Dichlo	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3034	1,1,2-Trich	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3023	Cis-1,2-dic	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3037	MTBE (Me	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3004	1,1-Dichlo	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3015	2,2-Dichlo	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3028	Trichloron	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3000	1,1,1-Trich	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3010	1,2-Dichlo	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3005	1,1-Dichlo	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3044	Trans-1,2-	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3019	Benzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3026	Tetrachlor	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3011	1,2-Dichlo	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3049	Trichloroe	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3032	Dibromon	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3018	Bromodicl	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3024	Cis-1,3-dic	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3045	Trans-1,3-	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3054	Toluene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3002	1,1,2-Trich	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3013	1,3-Dichlo	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3030	Dibromoc	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3050	Tetrachlor	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3008	1,2-Dibror	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3025	Chlorober	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3051	1,1,1,2-Te	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3033	Ethylbenz	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3041	p & m-Xyl	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3043	Styrene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3047	Tribromor	mg/kg	0.001	NONE	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3039	o-Xylene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-

3001	1,1,2,2-Tetrachloroethane	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3036	Isopropyl alcohol	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3021	Bromobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3038	n-Propyl bromide	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3016	2-Chloroethanol	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3017	4-Chloroethanol	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3053	1,3,5-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3046	tert-Butyl alcohol	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3007	1,2,4-Trimethylbenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3042	sec-Butyl alcohol	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3012	1,3-Dichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3040	p-Isopropyltoluene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3009	1,2-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3014	1,4-Dichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3022	Butylbenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3031	1,2-Dibromobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3048	1,2,4-Trichlorobenzene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3035	Hexachlorocyclopentadiene	mg/kg	0.001	MCERTS	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
3006	1,2,3-Trichlorobenzene	mg/kg	0.001	ISO 17025	< 0.0010	< 0.0010	< 0.0010	-	-	-	-
SVOCs											
816	Aniline	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-	-	-
984	Phenol	mg/kg	0.2	ISO 17025	< 0.2	< 0.2	< 0.2	-	-	-	-
786	2-Chlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
846	Bis(2-chlorophenyl) ether	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
759	1,3-Dichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
756	1,2-Dichlorophenol	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
762	1,4-Dichlorophenol	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
849	Bis(2-chlorophenyl) ether	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
792	2-Methylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
903	Hexachlorocyclopentadiene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	-	-	-	-
918	Nitrobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
804	4-Methylphenol	mg/kg	0.2	NONE	< 0.2	< 0.2	< 0.2	-	-	-	-
909	Isophorone	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
795	2-Nitrophenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
774	2,4-Dimethylphenol	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
831	Bis(2-chlorophenyl) ether	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
753	1,2,4-Trichlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-

915	Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.27	< 0.05	-	-	-	-
771	2,4-Dichlorodibenzo(a,h)anthracene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
798	4-Chlorodibenzo(a,h)anthracene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-	-	-
900	Hexachlorodibenzo(a,h)anthracene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
801	4-Chlorodibenzofuran	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-	-	-
768	2,4,6-Trichlorodibenzofuran	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
765	2,4,5-Trichlorodibenzofuran	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
789	2-Methylfluoranthene	mg/kg	0.1	NONE	< 0.1	< 0.1	< 0.1	-	-	-	-
783	2-Chlorofluoranthene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
891	Dimethylfluoranthene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
780	2,6-Dinitrofluoranthene	mg/kg	0.1	MCERTS	< 0.1	< 0.1	< 0.1	-	-	-	-
813	Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.35	< 0.05	-	-	-	-
810	Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.79	< 0.05	-	-	-	-
777	2,4-Dinitrofluoranthene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
879	Dibenzofuran	mg/kg	0.2	MCERTS	< 0.2	0.4	< 0.2	-	-	-	-
876	4-Chlorodibenzofuran	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	-	-	-
885	Diethylphthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
807	4-Nitroanthracene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
897	Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.89	< 0.05	-	-	-	-
828	Azobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
859	Bromophenanthrene	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
906	Hexachlorobenzene	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
981	Phenanthrene	mg/kg	0.05	MCERTS	0.9	7.4	< 0.05	-	-	-	-
822	Anthracene	mg/kg	0.05	MCERTS	0.18	2	< 0.05	-	-	-	-
864	Carbazole	mg/kg	0.3	MCERTS	< 0.3	0.6	< 0.3	-	-	-	-
882	Dibutylphthalate	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	-	-	-	-
825	Anthraquinone	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	-	-	-	-
895	Fluoranthene	mg/kg	0.05	MCERTS	2.5	16	< 0.05	-	-	-	-
987	Pyrene	mg/kg	0.05	MCERTS	2.2	14	< 0.05	-	-	-	-
843	Butyl benzoate	mg/kg	0.3	ISO 17025	< 0.3	< 0.3	< 0.3	-	-	-	-
834	Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.3	8.2	< 0.05	-	-	-	-
867	Chrysene	mg/kg	0.05	MCERTS	1.2	7.1	< 0.05	-	-	-	-
840	Benzo(b)fluoranthene	mg/kg	0.05	MCERTS	1.1	9.2	< 0.05	-	-	-	-
855	Benzo(k)fluoranthene	mg/kg	0.05	MCERTS	0.91	4.5	< 0.05	-	-	-	-
837	Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.2	9.6	< 0.05	-	-	-	-
912	Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.59	4.7	< 0.05	-	-	-	-
888	Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	1.4	< 0.05	-	-	-	-
861	Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.82	6.2	< 0.05	-	-	-	-