



REPORT No TCSL 17/680 & 17/681

REPORT ON ANALYSIS OF SOIL SAMPLE

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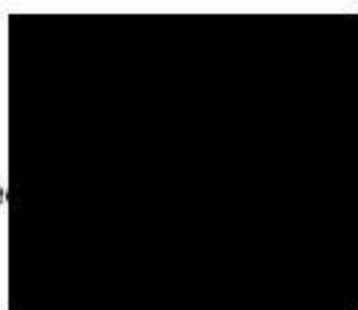
Client Mr S Crockford
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Waterlooville
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Contract 42 Milton Road, Waterlooville

Sample details Two samples of soil were sampled from the above site
on the 27th June 2017 and identified as TCS 17/680 and 17/681.
They were tested for ICRCL Contamination Suite, Asbestos
Screen and Loss on Ignition

Results Results of the analysis are given on the following page

Signe



Date of Issue: 6th July 2017

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Sample ref.		17/680
Detname	Units	
pH	pH Units	6.2
Cyanide (Total)	mg/kg	<2
Cyanide (Complex)	mg/kg	<2
Cyanide (Free)	mg/kg	<2
Thiocyanate	mg/kg	<3
Sulphate as SO ₄ (Total)	mg/kg	451
Sulphate as SO ₄ (Total)	%	0.05
Elemental Sulphur	mg/kg	<10
Sulphide	mg/kg	<5

Total Phenols

Total Phenols (monohydric)	mg/kg	<2
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Speciated PAHs

Naphthalene	mg/kg	<0.1
Acenaphthylene	mg/kg	<0.1
Acenaphthene	mg/kg	<0.1
Fluorene	mg/kg	<0.1
Phenanthrene	mg/kg	<0.1
Anthracene	mg/kg	<0.1
Fluoranthene	mg/kg	<0.1
Pyrene	mg/kg	<0.1
Benzo(a)anthracene	mg/kg	<0.1
Chrysene	mg/kg	<0.1
Benzo(b)fluoranthene	mg/kg	<0.1
Benzo(k)fluoranthene	mg/kg	<0.1
Benzo(a)pyrene	mg/kg	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	<0.1
Dibenz(a,h)anthracene	mg/kg	<0.1
Benzo(ghi)perylene	mg/kg	<0.1

Total PAH

Speciated EPA-16 PAHs (Total)	mg/kg	<1.6
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Heavy Metals/Metalloids

Arsenic (total)	mg/kg	6
Beryllium (total)	mg/kg	<0.5
Boron (soluble)	mg/kg	<1
Cadmium (extractable)	mg/kg	<0.2
Chromium (extractable)	mg/kg	16
Chromium (hexavalent)	mg/kg	<2
Copper (extractable)	mg/kg	18
Lead (extractable)	mg/kg	54
Mercury (extractable)	mg/kg	<1
Nickel (extractable)	mg/kg	5
Selenium (extractable)	mg/kg	<3
Vanadium (total)	mg/kg	24
Zinc (extractable)	mg/kg	126

Petroleum Hydrocarbons

EPH Texas (C6-C8)	mg/kg	<0.05
EPH Texas (>C8-C10)	mg/kg	<1
EPH Texas (>C10-C12)	mg/kg	<1
EPH Texas (>C12-C16)	mg/kg	<1
EPH Texas (>C16-C21)	mg/kg	2
EPH Texas (>C21-C40)	mg/kg	24
EPH Texas (C6-C40)	mg/kg	26

No Asbestos Detected In Sample

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Sample ref.		17/681
Detname	Units	
pH	pH Units	7.6
Cyanide (Total)	mg/kg	<2
Cyanide (Complex)	mg/kg	<2
Cyanide (Free)	mg/kg	<2
Thiocyanate	mg/kg	<3
Sulphate as SO ₄ (Total)	mg/kg	340
Sulphate as SO ₄ (Total)	%	0.03
Elemental Sulphur	mg/kg	<10
Sulphide	mg/kg	8

Total Phenols

Total Phenols (monohydric)	mg/kg	<2
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Speciated PAHs

Naphthalene	mg/kg	<0.1
Acenaphthylene	mg/kg	<0.1
Acenaphthene	mg/kg	<0.1
Fluorene	mg/kg	<0.1
Phenanthrene	mg/kg	<0.1
Anthracene	mg/kg	<0.1
Fluoranthene	mg/kg	<0.1
Pyrene	mg/kg	<0.1
Benzo(a)anthracene	mg/kg	<0.1
Chrysene	mg/kg	<0.1
Benzo(b)fluoranthene	mg/kg	<0.1
Benzo(k)fluoranthene	mg/kg	<0.1
Benzo(a)pyrene	mg/kg	<0.1
Indeno(1,2,3-cd)pyrene	mg/kg	<0.1
Dibenz(a,h)anthracene	mg/kg	<0.1
Benzo(ghi)perylene	mg/kg	<0.1

Total PAH

Speciated EPA-16 PAHs (Total)	mg/kg	<1.6
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Heavy Metals/Metalloids

Arsenic (total)	mg/kg	6
Beryllium (total)	mg/kg	<0.5
Boron (soluble)	mg/kg	<1
Cadmium (extractable)	mg/kg	<0.2
Chromium (extractable)	mg/kg	21
Chromium (hexavalent)	mg/kg	<2
Copper (extractable)	mg/kg	9
Lead (extractable)	mg/kg	21
Mercury (extractable)	mg/kg	<1
Nickel (extractable)	mg/kg	6
Selenium (extractable)	mg/kg	<3
Vanadium (total)	mg/kg	34
Zinc (extractable)	mg/kg	40

Petroleum Hydrocarbons

EPH Texas (C6-C8)	mg/kg	<0.05
EPH Texas (>C8-C10)	mg/kg	<1
EPH Texas (>C10-C12)	mg/kg	<1
EPH Texas (>C12-C16)	mg/kg	<1
EPH Texas (>C16-C21)	mg/kg	<1
EPH Texas (>C21-C40)	mg/kg	<6
EPH Texas (C6-C40)	mg/kg	26

No Asbestos Detected in Sample