



SUB SURFACE

SITE INVESTIGATION AND SPECIALIST GEOTECHNICAL CONSULTANTS
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Contamination Assessment

Site: PLOTS 2-4 LAUND ROAD, SALENDINE NOOK, HUDDERSFIELD

Client: CREATIVE DEVELOPMENTS (HUDDERSFIELD) LIMITED

Engineer:

Job Number:

NE3941D

Sheet:

1/1

GENERIC ASSESSMENT CRITERIA - RESIDENTIAL WITH HOMEGROWN PRODUCE 1% SOM

	LQM & CIEH (S4ULs)*
	DEFRA (C4SLs)
	CLAIRE

Determinant	GAC	Units
Boron (water soluble)	290	mg/kg
Arsenic	37	mg/kg
Cadmium	11	mg/kg
Chromium III	910	mg/kg
Copper	2,400	mg/kg
Mercury	40	mg/kg
Nickel	130	mg/kg
Lead	200	mg/kg
Selenium	250	mg/kg
Zinc	3,700	mg/kg
Chromium VI	6.0	mg/kg
Phenols (total)	1,100	mg/kg
PAHs		
Naphthalene	2.3	mg/kg
Acenaphthylene	170	mg/kg
Acenaphthene	210	mg/kg
Fluorene	170	mg/kg
Phenanthrene	95	mg/kg
Anthracene	2,400	mg/kg
Fluoranthene	280	mg/kg
Pyrene	620	mg/kg
Benzo(a)anthracene	7.2	mg/kg
Chrysene	15	mg/kg
Benzo(b)fluoranthene	2.6	mg/kg
Benzo(k)fluoranthene	77	mg/kg
Benzo(a)pyrene	2.2	mg/kg
Indeno(1,2,3-cd)pyrene	27	mg/kg
Dibenzo(a,h)anthracene	0.24	mg/kg
Benzo(g,h,i)perylene	320	mg/kg
Coal Tar (BAP Marker)	0.79	mg/kg
BTEX		
Benzene	0.09	mg/kg
Toluene	130	mg/kg
Ethylbenzene	47	mg/kg
m-Xylene	59	mg/kg
p-Xylene	56	mg/kg
o-Xylenes	60	mg/kg
MTBE	160	mg/kg

Determinant	GAC	Units
CWG SUITE		
Aliphatic C5-C6	42	mg/kg
Aliphatic >C6-C8	100	mg/kg
Aliphatic >C8-C10	27	mg/kg
Aliphatic >C10-C12	130	mg/kg
Aliphatic >C12-C16	1,100	mg/kg
Aliphatic >C16-C35	65,000	mg/kg
Aliphatic >C35-C44	65,000	mg/kg
Aromatic C5-C7 (benzene)	70	mg/kg
Aromatic >C7-C8 (toluene)	130	mg/kg
Aromatic >C8-C10	34	mg/kg
Aromatic >C10-C12	74	mg/kg
Aromatic >C12-C16	140	mg/kg
Aromatic >C16-C21	260	mg/kg
Aromatic >C21-C35	1,100	mg/kg
Aromatic >C35-C44	1,100	mg/kg
Aliphatic & Aromatic C44-C70	1,600	mg/kg

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