

**C 670505 Telford & Wrekin Council: Stoney Hill Landfill**

<b>STL Laboratory Number</b>		<b>11603570</b>	
<b>Customer Sample Ref.</b>		<b>Jan Sample/Tank</b>	
<b>Sample Matrix</b>		<b>Leachates from landfill</b>	
<b>Analyte</b>	<b>Method</b>	<b>Units</b>	
Aluminium, Total as Al	WAS049	mg/l	1.7
Cadmium , Total as Cd	WAS049	mg/l	0.001
Cadmium, Filtered as Cd	WAS049	mg/l	0.0005
Chromium , Total as Cr	WAS049	mg/l	0.017
Copper, Total as Cu	WAS049	mg/l	0.12
Iron , Total as Fe	WAS049	mg/l	26.03
Lead , Total as Pb	WAS049	mg/l	0.064
Manganese , Total as Mn	WAS049	mg/l	0.78
Mercury, Filtered as Hg	WAS013	mg/l	<0.0001
Nickel , Total as Ni	WAS049	mg/l	0.0268
Zinc, Total as Zn	WAS049	mg/l	0.23
pH	WAS039	pH units	7.6
Ammoniacal Nitrogen as N	WAS036	mg/l	27.7
Suspended Solids	WAS006	mg/l	361
BOD + ATU (5 day)	WAS001	mg/l	7
COD (Total)	WAS040	mg/l	154
Cyanide, Free as CN	WAS018	mg/l	<0.1
Cyanide, total as CN	WAS018	ug/l	<10
Phenols Mono (Phenol Index)	WAS019	mg/l	<0.1
Sulphide as S	WAS033	mg/l	<0.01
o,p - DDE	GEO47	ng/l	<2
Isodrin	GEO47	ng/l	<6
o,p - DDT	GEO47	ng/l	<2
o,p - TDE	GEO47	ng/l	<2
alpha-Chlordane	GEO47	ng/l	<2
p,p - DDE	GEO47	ng/l	<2
p,p - DDT	GEO47	ng/l	<2
p,p - TDE	GEO47	ng/l	<2
beta-Endosulphan	GEO47	ng/l	<6
gamma-HCH	GEO47	ng/l	<2
Heptachlor Epoxide	GEO47	ng/l	<2
Tecnazene	GEO47	ng/l	<10
Triallate	GEO47	ng/l	<10

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Trifluralin	GEO47	ng/l	<10
1,2,4-Trichlorobenzene	GEO47	ng/l	7
Hexachlorobutadiene	GEO47	ng/l	<2
Parathion-ethyl	GEO47	ug/l	<0.002
Parathion-methyl	GEO47	ug/l	<0.002
Phorate	GEO47	ug/l	<0.002
Phosalone	GEO47	ug/l	<0.020
Pirimiphos-methyl	GEO47	ug/l	<0.002
Propetamphos	GEO47	ug/l	<0.020
Triazophos	GEO47	ug/l	<0.002
Atrazine	GEO47	ug/l	<0.020
Prometryne	GEO47	ug/l	<0.020
Propazine	GEO47	ug/l	<0.020
Simazine	GEO47	ug/l	<0.020
Terbutryn	GEO47	ug/l	<0.020
Trietazine	GEO47	ug/l	<0.020
Chlorfenvinphos	GEO47	ug/l	<0.002
Chlorpyriphos	GEO47	ug/l	<0.002
Demeton-s-methyl	GEO47	ug/l	See A/C
Diazinon	GEO47	ug/l	<0.002
Dichlorvos	GEO47	ug/l	<0.002
Dimethoate	GEO47	ug/l	<0.020
1,2,3-Trichlorobenzene	GEO47	ng/l	<6
gamma-Chlordane	GEO47	ng/l	<2
Hexachlorobenzene	GEO47	ng/l	<2
Endrin	GEO47	ng/l	<6
beta-HCH	GEO47	ng/l	<2
1,3,5-Trichlorobenzene	GEO47	ng/l	<6
Dieldrin	GEO47	ng/l	<6
alpha-Endosulphan	GEO47	ng/l	<6
alpha-HCH	GEO47	ng/l	<2
Aldrin	GEO47	ng/l	<6
Dichlobenil	GEO47	ng/l	6

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TPH >C6-C40	GEO35	ug/l	<20
TPH >C6-C8	GEO35	ug/l	<20
TPH >C8-C10	GEO35	ug/l	<20
TPH >C16-C24	GEO35	ug/l	<20
TPH >C24-C40	GEO35	ug/l	<20
TPH >C10-C16	GEO35	ug/l	<20
Acenaphthene	GEO19	ug/l	<0.02
Acenaphthylene	GEO19	ug/l	<0.02
Anthracene	GEO19	ug/l	<0.02
Benzo (a) anthracene	GEO19	ug/l	<0.02
Benzo (g,h,i) perylene	GEO19	ug/l	<0.02
Benzo (a) pyrene	GEO19	ug/l	<0.02
Benzo (b) fluoranthene	GEO19	ug/l	<0.02
Benzo (k) fluoranthene	GEO19	ug/l	<0.02
Chrysene	GEO19	ug/l	<0.02
Dibenz (a,h) anthracene	GEO19	ug/l	<0.02
Fluoranthene	GEO19	ug/l	<0.02
Fluorene	GEO19	ug/l	<0.02
Indeno (1,2,3) cd pyrene	GEO19	ug/l	<0.02
Naphthalene	GEO19	ug/l	<0.02
Phenanthrene	GEO19	ug/l	<0.02
Pyrene	GEO19	ug/l	<0.02
PAH, Total	GEO19	ug/l	<0.02
Azinphos-ethyl	GEO47	ug/l	<0.002
Azinphos-methyl	GEO47	ug/l	<0.002
Carbophenothion	GEO47	ug/l	<0.002
Disulphoton	GEO47	ug/l	See A/C
Fenitrothion	GEO47	ug/l	<0.002
Fenthion	GEO47	ug/l	<0.002
Arsenic, Total as As	WAS051	mg/l	0.005
Malathion	GEO47	ug/l	<0.002
Mevinphos	GEO47	ug/l	<0.002
Methane, Dissolved	62	mg/l	0.024

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