

**C 658475 Telford & Wrekin Council: Stoney Hill**

<b>STL Laboratory Number</b>		<b>11526911</b>	
<b>Customer Sample Ref.</b>		<b>Dec Sample/Tank</b>	
<b>Sample Date</b>		<b>09/12/2009</b>	
<b>Sample Matrix</b>		<b>Leachate</b>	
<b>Analyte</b>	<b>Method</b>	<b>Units</b>	
Aluminium, Total as Al	WAS049	mg/l	1
Cadmium , Total as Cd	WAS049	mg/l	0.0036
Cadmium, Filtered as Cd	WAS049	mg/l	<0.0003
Chromium , Total as Cr	WAS049	mg/l	0.081
Copper, Total as Cu	WAS049	mg/l	0.099
Iron , Total as Fe	WAS049	mg/l	279
Lead , Total as Pb	WAS049	mg/l	0.11
Manganese , Total as Mn	WAS049	mg/l	2.59
Mercury, Filtered as Hg	WAS013	mg/l	0.002
Nickel , Total as Ni	WAS049	mg/l	0.0678
Zinc, Total as Zn	WAS049	mg/l	0.49
pH	WAS039	pH units	7.5
Ammoniacal Nitrogen as N	WAS036	mg/l	363
Suspended Solids	WAS006	mg/l	1400
BOD + ATU (5 day)	WAS001	mg/l	57
COD (Total)	WAS040	mg/l	880
Cyanide, Free as CN	WAS018	mg/l	<0.1
Cyanide, total as CN	WAS018	ug/l	39
Phenols Mono (Phenol Index)	WAS019	mg/l	<0.1
Sulphide as S	WAS033	mg/l	64.2
o,p - DDE	GEO47	ng/l	<10
Isodrin	GEO47	ng/l	<30
o,p - DDT	GEO47	ng/l	<10
o,p - TDE	GEO47	ng/l	<10
alpha-Chlordane	GEO47	ng/l	<10
p,p - DDE	GEO47	ng/l	<10
p,p - DDT	GEO47	ng/l	<10
p,p - TDE	GEO47	ng/l	<10
beta-Endosulphan	GEO47	ng/l	<30
gamma-HCH	GEO47	ng/l	<10
Heptachlor Epoxide	GEO47	ng/l	<10
Tecnazene	GEO47	ng/l	<50

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Triallate	GEO47	ng/l	<50
Trifluralin	GEO47	ng/l	<50
1,2,4-Trichlorobenzene	GEO47	ng/l	<30
Hexachlorobutadiene	GEO47	ng/l	<10
Parathion-ethyl	GEO47	ug/l	<0.010
Parathion-methyl	GEO47	ug/l	<0.010
Phorate	GEO47	ug/l	<0.010
Phosalone	GEO47	ug/l	<0.100
Pirimiphos-methyl	GEO47	ug/l	<0.010
Propetamphos	GEO47	ug/l	<0.100
Triazophos	GEO47	ug/l	<0.010
Atrazine	GEO47	ug/l	<0.100
Prometryne	GEO47	ug/l	<0.100
Propazine	GEO47	ug/l	<0.100
Simazine	GEO47	ug/l	<0.100
Terbutryn	GEO47	ug/l	<0.100
Trietazine	GEO47	ug/l	<0.100
Chlorfenvinphos	GEO47	ug/l	<0.010
Chlorpyriphos	GEO47	ug/l	<0.010
Demeton-s-methyl	GEO47	ug/l	SEE A/C
Diazinon	GEO47	ug/l	<0.010
Dichlorvos	GEO47	ug/l	<0.010
Dimethoate	GEO47	ug/l	<0.100
1,2,3-Trichlorobenzene	GEO47	ng/l	<30
gamma-Chlordane	GEO47	ng/l	<10
Hexachlorobenzene	GEO47	ng/l	<10
Endrin	GEO47	ng/l	<30
beta-HCH	GEO47	ng/l	<10
1,3,5-Trichlorobenzene	GEO47	ng/l	<30
Dieldrin	GEO47	ng/l	<30
alpha-Endosulphan	GEO47	ng/l	<30
alpha-HCH	GEO47	ng/l	<10

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<b>Analyte</b>	<b>Method</b>	<b>Units</b>	
Aldrin	GEO47	ng/l	<30
Dichlobenil	GEO47	ng/l	42
TPH >C6-C40	GEO35	ug/l	382
TPH >C6-C8	GEO35	ug/l	<20
TPH >C8-C10	GEO35	ug/l	<20
TPH >C16-C24	GEO35	ug/l	139
TPH >C24-C40	GEO35	ug/l	<20
TPH >C10-C16	GEO35	ug/l	243
Acenaphthene	GEO19	ug/l	0.227
Acenaphthylene	GEO19	ug/l	<0.02
Anthracene	GEO19	ug/l	<0.02
Benzo (a) anthracene	GEO19	ug/l	0.047
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	0.041
Fluorene	GEO19	ug/l	0.129
Indeno (1,2,3) cd pyrene	GEO19	ug/l	<0.02
Naphthalene	GEO19	ug/l	0.943
Phenanthrene	GEO19	ug/l	0.149
Pyrene	GEO19	ug/l	0.052
PAH, Total	GEO19	ug/l	1.59
Azinphos-ethyl	GEO47	ug/l	<0.010
Azinphos-methyl	GEO47	ug/l	<0.010
Carbophenothion	GEO47	ug/l	<0.010
Disulphoton	GEO47	ug/l	<0.100
Fenitrothion	GEO47	ug/l	<0.010
Fenthion	GEO47	ug/l	<0.010
Arsenic, Total as As	WAS051	mg/l	0.079

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Malathion	GEO47	ug/l	<0.010
Mevinphos	GEO47	ug/l	<0.010
Methane, Dissolved	62	mg/l	2.3

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