

Table1- Analytical Schedule

Analyte	Soil Analytical Schedule																					
	TP601A		TP602A		TP603A		TP604A		TP605A		TP606A		TP607A		TP608A		TP609A		TP610A		TP611A	
	0.4	1.6	0.6	2.0	0.9	1.3	1.8	3.2	0.4	1.5	0.8	2.7	0.6	3.5	0.9	2.2	2.3	3.0	0.7	1.8	0.8	2.5
Acid Soluble Sulphide	-	-	-	-	-	S & L	S	-	-	-	-	-	-	-	-	-	S & L	-	-	-	-	-
Ammonium	S & L	L	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	S & L	L	-	S & L	S & L	L	L	S & L	S & L	L
Cyanide	-	-	S & L	-	-	S & L	-	-	-	-	-	S & L	-	-	S & L	-	S & L	-	S & L	-	-	S & L
Heavy Metals*	-	-	-	-	-	S & L	-	-	-	-	-	S & L	-	-	S & L	-	S & L	-	S & L	-	-	S & L
Nitrate	S & L	-	-	S & L	-	S & L	-	S & L	S & L	-	-	S & L	S & L	-	-	S & L	S & L	-	-	S & L	-	S & L
Orthophosphate	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L
PCBs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	S & L	-	S & L	-
pH	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L
PSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphate	-	-	-	-	-	S & L	S & L	-	-	S & L	-	-	S & L	-	S & L	-	S & L	-	S & L	-	-	S & L
Surfactants (MBAS)	S & L	L	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	S & L	L	S & L	L	S & L	L	S & L	L	S & L	L
SVOCs	S & L	L	L	S & L	L	S & L	S & L	S & L	S & L	L	L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L
TOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	S & L	L	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	S & L	L	L	S & L	S & L	L	L	S & L	S & L	L
Total sulphur	-	-	-	-	-	S & L	S	-	-	-	-	-	-	-	-	-	S & L	-	-	-	-	-
TPH (aliphatic/aromatic split)	S & L	-	-	S & L	-	-	-	-	-	-	-	S & L	S & L	-	-	-	-	-	-	-	-	-
TPH CWG	-	-	-	-	-	-	S & L	-	-	S & L	-	-	-	-	S & L	-	S & L	-	S & L	-	-	S & L
VOCs	-	-	-	-	-	-	S	-	-	-	-	-	-	-	S	-	S	-	S	-	-	S

* As Ba Be Bo Cd Cr Pb Hg Ni Se Vn Zn

S = Soil only

S & L = Soil and leachate

L = Leachate only

*,- = Analysis not requested

CWG = Criteria Working Group

MBAS = Methylene Blue Active Substances

PAH = Polycyclic Aromatic Hydrocarbons

PCB = Poly Chlorinated Biphenyls

PSD = Particle Size Distribution

SVOC = Semi Volatile Organic Compounds

TOC = Total Organic Carbon

TPH = Total Petroleum Hydrocarbons

VOC = Volatile Organic Compounds

DUPLICATE = TP630A

Table1 - Analytical Schedule

Analyte	Soil Analytical Schedule																							
	TP612A		TP613A		TP614A		TP615A	TP616A		TP617A		TP618A		TP619A		TP620A		TP621A		TP622A			TP623A	
	1.0	2.4	0.6	3.8	1.1	3.4	1.5	1.4	3.5	0.4	1.6	1.9	2.8	0.8	3.0	1.1	2.5	1.7	3.5	1.2	2.0	2.7	1.2	2.9
Acid Soluble Sulphide	S & L	-	S	-	-	-	-	-	-	S & L	-	-	S	-	-	-	-	-	-	S	-	-	-	-
Ammonium	S & L	L	S & L	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	S & L	L	L	S & L	L	S & L	L	S & L	-	S & L	L
Cyanide	-	-	S & L	-	S & L	-	-	-	-	S & L	-	-	S & L	-	-	-	S & L	S & L	-	S & L	-	-	S & L	-
Heavy Metals*	-	-	S & L	-	S & L	-	-	S & L	-	S & L	-	-	S & L	-	-	-	S & L	S & L	-	S & L	-	-	S & L	-
Nitrate	S & L	-	S & L	-	S & L	-	S & L	S & L	-	S & L	-	-	S & L	S & L	-	-	S & L	-	S & L	-	S & L	-	S & L	-
Orthophosphate	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S	-	S	S & L
PCBs	-	-	-	-	-	-	-	-	-	S & L	-	-	S & L	-	-	-	-	-	-	S & L	-	-	-	S & L
pH	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S	-	S & L	S & L
PSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphate	-	-	S & L	-	S & L	-	-	S & L	-	S & L	-	-	S & L	-	-	-	S & L	-	-	-	S & L	-	-	-
Surfactants (MBAS)	S & L	L	S & L	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	S & L	L	L	S & L	S & L	L	S & L	L	-	S & L	L
SVOCs	S & L	S & L	S & L	L	S & L	L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	-	S & L	S & L
TOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	S & L	L	S & L	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	S & L	L	L	S & L	L	S & L	L	S & L	-	S & L	L
Total sulphur	S & L	-	S	-	-	-	-	-	-	S & L	-	-	S	-	-	-	-	-	-	S	-	-	-	-
TPH (aliphatic/aromatic split)	-	-	S & L	-	S & L	-	-	S & L	-	S & L	-	-	-	-	-	-	-	-	-	S & L	-	-	-	S & L
TPH CWG	S & L	-	-	-	-	-	-	-	-	-	-	S & L	-	S & L	-	-	S & L	S & L	-	-	-	-	-	-
VOCs	S	-	-	-	S	-	-	S	-	-	-	S	-	S	-	-	S	-	S	S	-	-	-	S

* As Ba Be Bo Cd Cr Pb Hg Ni Se Vn Zn

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	TP624A		TP625A		TP626A		TP627A		TP628A			TP629A		TP630A		DUPLICATE	WS502A		WS503A	WS504A
	1.0	2.5	0.7	1.8	0.7	1.6	0.3	2.2	0.6	1.7	2.3	0.3	2.3	0.5	1.9	1.9	1.3-1.4	1.4-1.5	1.5-1.6	1.6-1.7
Acid Soluble Sulphide	-	-	-	-	-	-	-	-	S & L	-	-	S	-	-	-	-	-	-	-	-
Ammonium	S & L	L	S & L	L	S & L	L	L	S & L	L	S & L	-	S & L	L	S & L	L	L	-	-	-	-
Cyanide	S & L	-	-	-	-	S & L	-	S & L	S & L	-	-	S & L	-	-	-	-	-	-	-	-
Heavy Metals*	S & L	-	-	-	-	S & L	-	S & L	S & L	-	-	S & L	-	-	-	-	-	-	-	-
Nitrate	S & L	-	S & L	-	S & L	-	-	S & L	-	S & L	-	S & L	-	S & L	-	-	S	-	S	S
Orthophosphate	S & L	S	S & L	S	S	S & L	S	S & L	S & L	S & L	-	S	S & L	S	S & L	-	S	-	S	S
PCBs	-	-	S & L	-	-	-	-	-	S & L	-	-	S & L	-	S & L	-	-	-	-	-	-
pH	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	-	S & L	S & L	S & L	S & L	L	S	-	S	S
PSD	-	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-
Sulphate	-	-	-	-	-	-	-	-	S & L	S & L	-	-	-	-	-	-	-	-	-	-
Surfactants (MBAS)	S & L	L	S & L	L	L	S & L	L	S & L	S & L	L	-	S & L	L	S & L	L	-	S & L	-	S	S
SVOCs	S & L	L	S & L	L	S & L	S & L	S & L	S & L	S & L	S & L	-	S & L	S & L	S & L	-	L	S	-	S & L	S
TOC	-	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	S & L	L	S & L	L	S & L	L	L	S & L	L	S & L	-	S & L	L	S & L	L	L	S	-	S	S
Total sulphur	-	-	-	-	-	-	-	-	-	S & L	-	-	S	-	-	-	-	-	-	-
TPH (aliphatic/aromatic split)	S & L	-	-	-	-	-	-	-	-	S & L	-	S & L	-	S & L	-	-	-	S	S	S
TPH CWG	-	-	S & L	-	S & L	-	-	-	S & L	-	-	-	-	-	-	-	-	-	-	-
VOCs	-	-	S	-	S	-	-	-	S	-	S	-	-	S	-	-	-	S	S	S

* As Ba Be Bo Cd Cr Pb Hg Ni Se Vn Zn

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Table 2a: Field Observations

Location	Surface	Made Ground (MG)					Natural Ground (Drift)					Bedrock			Groundwater				Potentially permeable units	Potential sources contamination
		Thickness (m)	Description	Main Made components	Potential Contamination	Thickness (m)	Description (first layer)	Description (third layer)	Potential Contamination	Depth (m bgl)	Description	Potential Contamination	Depth (m bgl)	Description	Continuity?	Potential Contamination				
TP601A	Grass & topsoil	0.7	0.1m topsoil, 0.6m loose, brown silt & sand w pockets of fine sand	Glass	NVO	> 1.9	0.5m firm friable red brown silt w gravel	> 1.4m soft brown clay	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & silt (med)	NVO	
TP602A	Grass & topsoil	0.5	0.1m topsoil, 0.4m loose, brown silt & sand	Occ hardworn gravel & plastic	NVO	> 1.6	1.1m firm red brown silt w occ gravel	> 0.5m soft brown clay	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & silt (med)	NVO	
TP603A	Grass & topsoil	1.3	0.25m topsoil, 0.25m clinker, 0.5m black clay, sand & gravel, 0.3m firm brown silt w gravel	Clinker, wood & metal	Contains clinker	> 0.5	> 0.5m soft orange brown silt & fine sand w occ dark brown mottling, sand lenses & gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	Air (med)	In situ	
TP604A	Concrete & rebar	0.3	0.3m concrete & rebar	Not observed	NVO	3.1	1.3m firm red brown silt w occ sand lenses & gravel	1.4m soft red brown silty sand w gravel	0.4m soft brown silt & sand w gravel & cobbles	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	Drift (med/high)	NVO	
TP605A	Grass & topsoil	1.3	1.3m loose black sand & gravel w 0.2m thick layers of clinker	Bricks & clinker	Contains clinker	> 0.3	>0.3m firm friable red brown silt w occ dark brown mottling, sand lenses & gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (med) & drift (med)	In situ	
TP606A	Grass & topsoil	0.7	0.15m topsoil, 0.35m hardcore, 0.2m brown sand & gravel	Not observed	Sulphurous odour in MG	0.8	0.8m soft red brown silt w black mottling & gravel	Not observed	Not observed	NVO	1.5	Firm red brown siltstone w sand lenses & much gravel	NVO	Not observed	Not observed	Not observed	na	MG (high) drift & bedrock (med)	In situ	
TP607A	Concrete & rebar	2.2	0.3m concrete & rebar, 0.2m hardcore, 0.2m loose black sand & gravel	Bricks, concrete, metal & wood	Surface odour in MG	> 1.4	0.3m soft to firm black silt w occ gravel	> 0.9m firm red brown silt & sand with occ black mottling gravel & cobbles	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	Ex situ	
TP608A	Concrete & rebar	1.5	0.2m concrete, 0.8m loose brown sand & gravel w ash, 0.5m reworked soft red silt w sand & gravel	Ash, rare bricks & concrete	Contains ash	> 0.9	> 0.9m firm friable red brown silt w occ sand lenses, gravel & cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	In situ	
TP609A	Concrete & rebar	2.4	0.25m concrete & rebar, 0.25m hardcore, 1.1m grey brown gravel, 0.8m fused black silt & sand	Clinker	Fair/moderate chemical odour in MG, contains clinker	> 0.7	> 0.7m firm red brown silt w occ sand lenses gravel & cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	In situ	
TP610A	Hardcore	1.1	0.4m hardcore, 0.7m loose black sand & gravel	Bricks	NVO	> 0.8	> 0.8m soft red silt w sand lenses & gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP611A	Grass & hardcore	1.8	0.1m hardcore, 0.4m topsoil, 0.1m hardcore, 1.2m loose black & yellow sand & gravel w cobbles	Bricks & concrete	NVO	> 0.9	> 0.9m firm orange brown silt w occ dark brown mottling, sand lenses & rare gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP612A	Grass & topsoil	1.3	0.4m topsoil, 0.3m soft black sand w gravel	Bricks & wires	NVO	> 1.2	> 1.2m soft to firm orange brown silt w occ black mottling, sand lenses & gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP613A	Grass & topsoil	2.4	0.2m topsoil, 0.3m hardcore, 1.3m black sand & gravel w lenses red silt & yellow sand	Pipe (at 0.4m), tiles & concrete	NVO	> 1.6	> 1.6m soft mottled red brown & black silt w occ gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP614A	Grass & hardcore	2.6	0.4m hardcore, 0.3m clinker, 1.3m loose black sand & gravel w clinker	Clinker, wood, brick & metal	Contains clinker	> 1.0	> 1.0m soft to firm red brown silt & sand w black mottling & occ gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med/high)	In situ	
TP615A	Sand & gravel	> 1.8	> 1.8m loose black sand & gravel excavated between concrete walls	Bricks, wood & metal grids	Moderate chemical odour & silty sheen on MG	Not observed	Thick concrete foundations at 1.8m prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high)	Ex situ	
TP616A	Concrete & rebar	1.7	0.3m concrete & rebar, 0.7m grey brown sand & gravel, 0.2m concrete, 0.5m reworked soft yellow & red silt w gravel	Bricks, wood & metal	NVO	> 1.9	1.0m firm red brown silt w dark brown mottling, cobbles & sand	> 0.9m soft dark brown clay w rare siltstone cobbles	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (downward)	NVO	
TP617A	Grass & topsoil	> 1.9	0.2m topsoil, 0.4m loose black silt sand & gravel, >1.3m soft red brown & black silt w occ gravel	Not observed	Chemical odour in MG	Not observed	trial pit rapidly filled with water (from broken drain) so backfilled	Not observed	Not observed	na	Not observed	Not observed	na	1.5	Clean water from broken drain	unlikely	NVO	MG (med)	In situ	
TP618A	Concrete & rebar	0.8	0.2m concrete, 0.6m loose grey & red sand & gravel	Metal & concrete	NVO	> 2.4	1.0m firm red silt w occ sand lenses & sandstone cobbles	0.9m loose yellow silty sand w occ gravel	> 0.5m soft dark brown clay	PID readings: 14.8ppm @ 1.8m & 2.5ppm at 2.8m	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med/high)	Ex situ	
TP619A	Concrete & rebar	0.6	0.2m concrete, 0.4m hardcore	Not observed	NVO	> 2.4	1.5m firm orange red & dark brown mottled clay	> 0.9m soft dark brown clay	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (low)	NVO	
TP620A	Concrete & rebar	1.4	0.15m concrete, 0.35m hardcore, 0.1m concrete, 0.5m loose gravel & cobbles of concrete, 0.3m loose black silt	Concrete	Faint chemical odour in MG	> 1.1	0.4m orange brown sandy silt	> 0.7m soft dark brown clay w occ gravel	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & silt (downward)	In situ	
TP621A	Concrete & rebar	1.5	0.2m concrete, 0.3m blue grey gravel, 1.0m red gravel	Concrete, wood, metal & brick	NVO	> 2.1	1.5m firm red silt w much gravel, cobbles & occ sand lenses	> 0.8m soft dark brown clay w occ sandstone cobbles at base	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & silt (downward)	NVO	
TP622A	Grass & topsoil	1.8	0.3m topsoil, 0.2m peaty silty, 0.5m loose brown silt w sand, 0.8m loose black silt sand & clay w clinker	Clinker, wood, brick, foundry waste, plastic & glass	Contains clinker & foundry waste	> 0.9	> 0.9m silty orange brown brown clayey silt w occ black mottling sand lenses & rare gravel & cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (low)	In situ	
TP623A	Grass & topsoil	1.6	0.2m topsoil, 0.2m hardcore, 1.2m loose orange brown silt & clay w gravel, cobbles & sandstone boulders	Bricks, concrete, rope & cobbles	NVO	> 1.4	> 1.4m yellow brown & black mottled silt, grades down to red sandy silt w occ sand & clay lenses, gravel & sandstone cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP624A	Grass & topsoil	0.8	0.3m topsoil & hardcore, 0.2m hardcore, 0.3m peaty silt	Wood	NVO	1.0	1.0m soft grey clayey silt w gravel, cobbles & lenses of clay	Not observed	Not observed	NVO	1.8	Firm friable red siltstone w occ sand lenses	NVO	Not observed	Not observed	Not observed	na	MG (med), drift (med) & bedrock (med)	NVO	
TP625A	Hardcore	2.0	0.4m hardcore, 1.3m loose black silt & sand, 0.3m reworked soft red brown & black mottled clayey silt	Concrete, brick, metal, wood, glass, tile, slabs & metal grids	NVO	> 0.8	> 0.8m firm red silt w occ gravel	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP626A	Concrete & rebar	1.2	0.3m concrete, 0.5m reworked soft orange & brown mottled silt & clay w occ sand & gravel	Not observed	NVO	> 1.0	> 1.0 soft orange brown silt w occ gravel & sandstone cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (low) & silt (med)	NVO	
TP627A	Concrete & rebar	1.1	0.15m concrete & tiles, 0.95m soft yellow brown sand w gravel & cobbles	Bricks & concrete	NVO	> 1.2	>1.2m firm to silty red brown silt w sand lenses, cobbles & pockets of clay	Not observed	Not observed	Faint fruity smell	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO	
TP628A	Concrete & rebar	1.8	0.2m concrete, 0.3m hardcore, 0.6m firm yellow silt w sand & gravel, 0.7m reworked firm friable red silt w ash	Ash	Strong chemical odour & black staining in MG, contains ash	Not observed	Made Ground directly overlies bedrock	Not observed	Not observed	NVO	1.8	Firm friable red siltstone w occ sand lenses & black mottling	NVO	0.7	Clean water from broken drain	unlikely	NVO	MG (med) & bedrock (med)	Ex situ	
TP629A	Concrete	2.1	0.15m concrete, 0.45m soft black and grey mottled silt & clay, 1.5m yellow brown and grey mottled silt	Bricks, concrete, tiles & pipes	PID reading 31.4ppm & very strong chemical odour in MG	> 0.5	> 0.5m firm grey & orange brown mottled clay w sand lenses & occ gravel & cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	2.6	Water seeping through at 2.6m	potentially (natural groundwater)	NVO	MG (med) & silt (downward)	Ex situ	
TP630A	Concrete & rebar	0.7	0.2m concrete, 0.5m reworked soft black & brown clay w occ red silt & gravel	black fibres	NVO	> 2.5	> 2.5m firm yellow brown & grey mottled silt & sand w occ clay gravel & cobbles, grades down to silty red silt w sand lenses, gravel & sandstone cobbles	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (low) & drift (med)	NVO	
W5501A	Concrete	> 1.4	1.2m med dense grey brown rounded med gravel fill	Not observed	NVO	Not observed	refusal on rebar at 1.4m bgl	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (low)	NVO	
W5502A	Grass & topsoil	2.2	0.2m topsoil, 0.6m grey brown sand w gravel, 0.5m coal fragments & clinker, 0.4m med dense gravel of ash & clinker, 0.6m soft brown black reworked silt	Coal, ash & clinker	PID 167ppm at 1.3m & 81ppm at 1.8m, contains clinker, ash odour	2.5	2.2m firm orange brown silt w gravel	0.3m loose, red interbedded med sand	Not observed	PID 152ppm at 2.2m, 25ppm at 3.5m, 14ppm at 4.5m	4.7	White, silty, weathered calcareous rock	NVO	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	In situ and/or ex situ	
W5503A	Hardcore	1.8	0.4m hardcore, 1.4m brown black sandy silt	Bricks	PID 255ppm at 1.5m, moderate odour	0.7	0.5m med firm orange brown silt	0.2m coarse, angular yellow gravel	Not observed	PID 232ppm at 2.3m	2.5	Refusal on calcareous rockhead	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med/high)	In situ and/or ex situ	
W5504A	Hardcore	2.0	1.4m limestone hardcore, 0.6m fine & med gravel of brick and clinker	Bricks & clinker	PID 700ppm at 1.5m, contains clinker	3.5	3.5m soft to firm red brown silt w gravel	Not observed	Not observed	PID 74ppm at 2.4m	5.5	Refusal on weathered calcareous rockhead	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	In situ and/or ex situ	

For more detail see logs

potential high permeability
 potential contamination
 NVO no visual or olfactory evidence contamination
 na not applicable
 PID photo ionisation detector with
 w occ occasional
 med medium
 MG made ground

Table 2b-HH SoilScreen Criteria

Target Compound	MDL (mg/kg)	Human Health (mg/kg)	Source
1,1,1,2-Tetrachloroethane	0.001	0.344	URS GAC
1,1,1-Trichloroethane	0.001	3	cDIV
1,1,2,2-Tetrachloroethane	0.001	6.2	URS GAC
1,1,2-Trichloroethane	0.001	2	cDIV
1,1-Dichloroethane	0.001	3	cDIV
1,1-Dichloroethene	0.001	0.235	URS GAC
1,1-Dichloropropene	0.001	NV	No Criterion
1,2,3-Trichlorobenzene	0.001	8	Dutch SRC: NB based on Res with Gardens
1,2,3-Trichloropropane	0.001	0.034	US EPA Region 9 PRG
1,2,4-Trichlorobenzene	0.10	11	Dutch SRC: NB based on Res with Gardens
1,2,4-Trimethylbenzene	0.001	51.6	US EPA Region 9 PRG
1,2-Dibromo-3-Chloropropane	0.001	0.46	US EPA Region 9 PRG
1,2-Dibromoethane	0.001	0.032	US EPA Region 9 PRG
1,2-Dichlorobenzene	0.10	84	Dutch SRC: NB based on Res with Gardens
1,2-Dichloroethane	0.001	0.011	URS GAC
1,2-Dichloropropane	0.001	0.342	US EPA Region 9 PRG
1,3,5-Trimethylbenzene	0.001	21.3	US EPA Region 9 PRG
1,3-Dichlorobenzene	0.10	531	US EPA Region 9 PRG
1,3-Dichloropropane	0.001	105	US EPA Region 9 PRG
1,4-Dichlorobenzene	0.1	72	Dutch SRC: NB based on Res with Gardens
2,2-Dichloropropane	0.001	NV	No Criterion
2,4,5-Trichlorophenol	0.10	80	Dutch SRC: NB based on Res with Gardens
2,4,6-Trichlorophenol	0.10	111	Dutch SRC: NB based on Res with Gardens
2,4-Dichlorophenol	0.10	21	Dutch SRC: NB based on Res with Gardens
2,4-Dimethylphenol	0.10	1220	US EPA Region 9 PRG
2,4-Dinitrotoluene	0.10	122	US EPA Region 9 PRG
2,6-Dinitrotoluene	0.10	61.1	US EPA Region 9 PRG
2-Chloronaphthalene	0.10	11.9	Dutch SRC: NB based on Res with Gardens
2-Chlorophenol	0.10	4.70	Dutch SRC: NB based on Res with Gardens
2-Chlorotoluene	0.001	158	US EPA Region 9 PRG
2-Methylnaphthalene	0.10	1560	US EPA Region 3
2-Methylphenol	0.10	160	Dutch SRC: NB based on Res with Gardens
2-Nitroaniline	0.10	183	US EPA Region 9 PRG
2-Nitrophenol	0.10	NV	No Criterion
3-Nitroaniline	0.10	18.3	US EPA Region 9 PRG
4-Bromophenyl Phenyl Ether	0.10	NV	No Criterion
4-Chloro-3-Methylphenol	0.10	3	Dutch Indicative Intervention Value
4-Chloroaniline	0.10	244	US EPA Region 9 PRG
4-Chlorophenyl Phenyl Ether	0.10	0.1	No Criterion
4-Chlorotoluene	0.001	NV	No Criterion
4-Isopropyltoluene	0.001	NV	No Criterion
4-Methylphenol	0.10	306	US EPA Region 9 PRG
4-Nitroaniline	0.10	23.2	US EPA Region 9 PRG
4-Nitrophenol	0.10	626	US EPA Region 3
Acenaphthene	0.001	910	URS GAC
Acenaphthylene	0.001	60	URS GAC
Ammoniacal Nitrogen	5.5	NV	No Criterion
Anionic Surfactant	0.5	NV	No Criterion
Anthracene	0.001	16000	URS GAC
Arsenic	1	20	UK SGV
Azobenzene	0.10	4.42	US EPA Region 9 PRG
Barium	2	280	URS GAC
Benzene	0.001	0.034	URS GAC
Benzo(A)Anthracene	0.012	11.1	URS GAC
Benzo(A)Pyrene	0.001	1.10	URS GAC
Benzo(B)Fluoranthene	0.001	11.1	URS GAC
Benzo(G,H,I)Perylene	0.01	1600	URS GAC
Benzo(K)Fluoranthene	0.001	11.1	URS GAC
Beryllium	1	139	URS GAC
Bis(2-Chloroethoxy)Methane	0.10	NV	No Criterion
Bis(2-Chloroethyl)Ether	0.10	0.218	US EPA Region 9 PRG
Bis(2-Ethylhexyl)Phthalate	0.10	34.7	US EPA Region 9 PRG
Boron	1	16000	US EPA Region 9 PRG
Bromobenzene	0.001	27.8	US EPA Region 9 PRG
Bromochloromethane	0.001	NV	No Criterion
Bromodichloromethane	0.001	0.824	US EPA Region 9 PRG
Bromoform	0.001	61.6	US EPA Region 9 PRG
Bromomethane	0.001	3.90	US EPA Region 9 PRG
Butylbenzylphthalate	0.10	12220	US EPA Region 9 PRG
Cadmium	1	30	UK SGV
Calcium	1	NV	No Criterion
Carbazole	0.1	24.3	US EPA Region 9 PRG
Carbon Disulfide	0.001	355	US EPA Region 9 PRG
Carbon Tetrachloride	0.001	0.200	Corrected DIV
Chloride	5	NV	No Criterion
Chlorobenzene (mono)	0.001	17	Dutch SRC
Chloroethane	0.001	3.03	US EPA Region 9 PRG
Chloroform	0.001	0.6	SRC
Chloromethane	0.001	46.9	US EPA Region 9 PRG
Chromium	2	200	UK SGV

Table 2b-HH SoilScreen Criteria

Chrysene	0.001	110	URS GAC
Cis 1,2-Dichloroethene	0.001	0.169	URS GAC
Cis 1,3-Dichloropropene	0.001	0.777	US EPA Region 9 PRG
Copper	1	8600	Dutch SRC: NB based on Res with Gardens
Dibenz(a,h)Anthracene	0.10	1.1	URS GAC
Dibenzofuran	0.10	145	US EPA Region 9 PRG
Dibromochloromethane	0.001	1.11	US EPA Region 9 PRG
Dibromomethane	0.001	66.9	US EPA Region 9 PRG
Dichlorodifluoromethane	0.001	93.9	US EPA Region 9 PRG
Dichloromethane	0.001	1.2	URS GAC
Diethylphthalate	0.10	48880	US EPA Region 9 PRG
Dimethylphthalate	0.10	100000	US EPA Region 9 PRG
Di-N-Butylphthalate	0.10	NV	No Criterion
Di-N-Octylphthalate	0.10	2440	US EPA Region 9 PRG
Ethylbenzene	0.001	16	UK SGV
Fluoranthene	0.001	110	URS GAC
Fluorene	0.001	2000	URS GAC
Fluoride Soluble	3	3670	US EPA Region 9 PRG
Hexachlorobenzene	0.10	0.4	Dutch SRC: NB based on Res with Gardens
Hexachlorobutadiene	0.10	6.24	US EPA Region 9 PRG
Hexachlorocyclopentadiene	0.10	365	US EPA Region 9 PRG
Hexachloroethane	0.10	34.7	US EPA Region 9 PRG
Indeno(1,2,3-cd)Pyrene	0.10	11.1	URS GAC
Iron	1	23500	US EPA Region 9 PRG
Isophorone	0.10	512	US EPA Region 9 PRG
Isopropylbenzene	0.001	572	US EPA Region 9 PRG
Lead	5	450	UK SGV
Magnesium	1	NV	No Criterion
MBAS/Anionic surfactant	0.2	NV	No Criterion
Mercury	0.5	15.00	UK SGV
Methyl T-Butyl Ether	0.001	38.3	URS GAC
Mineral Oils	10	NV	No Criterion
Naphthalene	0.001	6.3	URS GAC
N-Butylbenzene	0.001	240	US EPA Region 9 PRG
Nickel	2	75	UK SGV
Nitrate	1	NV	No Criterion
Nitrobenzene	0.10	19.6	US EPA Region 9 PRG
N-Nitroso-Di-N-Propylamine	0.10	0.0695	US EPA Region 9 PRG
PAH Total	10	NV	See individual PAHs
Pentachlorophenol	0.10	4.00	Dutch SRC: NB based on Res with Gardens
pH	1	NV	No Criterion
Phenanthrene	0.001	1000	URS GAC
Phenol	0.10	21900	UK SGV
Phosphate Soluble	1	NV	No Criterion
Phosphorous	1	NV	No Criterion
P-Isopropyltoluene	0.001	NV	No Criterion
Potassium	4	8	No Criterion
Propylbenzene	0.001	240	US EPA Region 3
Pyrene	0.001	1100	URS GAC
Sec-Butylbenzene	0.001	3130	US EPA Region 3
Selenium	0.5	260	UK SGV
Sodium	4	NV	No Criterion
Styrene	0.001	74	Dutch SRC: NB based on Res with Gardens
Sulphate	100	NV	No Criterion
Sulphide	50	NV	No Criterion
Sulphur	0.01	NV	No Criterion
Tert-Butylbenzene	0.001	390	US EPA Region 9 PRG
Tetrachloroethene	0.001	1	No Criterion
Toluene	0.001	3	UK SGV
Thiocyanate	1	NV	No Criterion
Total Cyanide	1	NV	No Criterion
Sum Cyanides	1	35	URS GAC
Total Organic Carbon	0.01	NV	No Criterion
Total Organic Nitrogen	1	NV	No Criterion
Total Oxidised Nitrogen As N	1	NV	No Criterion
Phenols (Monohydric)	0.01	36.7	US EPA Region 9 PRG
Total Phosphorus	1	1.56	US EPA Region 9 PRG
Trans 1,2-Dichloroethene	0.001	69.5	US EPA Region 9 PRG
Trans 1,3-Dichloropropene	0.001	0.777	US EPA Region 9 PRG
Trichloroethane	0.001	2	cDIV
Trichloroethene	0.001	0.138	URS GAC
Trichlorofluoromethane	0.001	386	US EPA Region 9 PRG
Vanadium	1	570	URS GAC
Vinyl Chloride	0.001	0.001	URS GAC
Zinc	1	14600	URS GAC
M,P-Xylene	0.001	NV	see xylenes
O-Xylene	0.001	NV	see xylenes
Sum Xylenes	0.001	7.2	URS GAC
TPH >C8-C10	10	NV	No Criterion
TPH >C10-C12	10	NV	No Criterion
TPH >C12-C16	10	NV	No Criterion
TPH >C16-C21	10	NV	No Criterion
TPH >C21-C35	10	NV	No Criterion
TPH >EC5-EC6 Aliphatic	0.01	8.10	URS GAC
TPH >EC6-EC8 Aliphatic	0.01	15.9	URS GAC

Table 2b-HH SoilScreen Criteria

TPH >EC8-EC10 Aliphatic	0.01	3.20	URS GAC
TPH >EC10-EC12 Aliphatic	0.01	16.1	URS GAC
TPH >EC12-EC16 Aliphatic	0.10	600	URS GAC
TPH >EC16-EC21 Aliphatic	0.10	110000	URS GAC
TPH >EC21-EC35 Aliphatic	0.10	NV	No Criterion
Total Aliphatics (EC5-EC35)	0.10	NV	See individual fractions
TPH >EC6-EC7 Aromatic	0.01	13.7	URS GAC
TPH >EC7-EC8 Aromatic	0.01	14.4	URS GAC
TPH >EC8-EC10 Aromatic	0.01	5.1	URS GAC
TPH >EC10-EC12 Aromatic	0.01	27	URS GAC
TPH >EC12-EC16 Aromatic	0.10	130	URS GAC
TPH >EC16-EC21 Aromatic	0.10	1600	URS GAC
TPH >EC21-EC35 Aromatic	0.10	1700	URS GAC
Total Aromatics (EC6-EC35)	0.10	NV	See individual fractions
TPH (Sum Aliphatics&Aromatics C5-C	0.10	NV	See individual fractions
TPH Pro C4-C12	0.01	NV	See VOC/individual fractions
TPH-Dro	1	NV	See individual fractions
Total Hydrocarbons	10	NV	See individual fractions

Key:

NV - No value available

UK SGV - UK Soil Guideline Value

URS GAC - URS Generic Assessment Criteria

cDIV - corrected Dutch Intervention Value

Dutch SRC - Dutch Serious Risk Concentration

USEPA Region 9 PRG - United States Environment Protection Agency Region 9 Preliminary Remediation Goal

USEPA Region 3 PRG - United States Environment Protection Agency Region 3 Preliminary Remediation Goal

Note :

- Soils only screened against Human Health criteria and therefore no controlled waters criteria presented
- Values based on Residential without gardens scenario
- Acute value used to assess Cyanides
- sum of Total Cyanide and thiocyanate compared against criteria
- sum of m,p,o - xylene compared against criteria
- Phenols assessed against the value for 2,6-dimethylphenol

Table 2c- CW Screening Criteria

Target Compound	Tier 1 Controlled Waters (µg/L)	Source
1,2,4-TRICHLOROBENZENE	7.16E+00	USEPA Region 9 (pathway specific)
1,2-DICHLOROBENZENE	1.00E+03	WHO DWG
1,3-DICHLOROBENZENE	1.83E+02	USEPA Region 9 (pathway specific)
1,4-DICHLOROBENZENE	3.00E+02	WHO DWG
2,4,5-TRICHLOROPHENOL	9.00E+00	WHO DWG
2,4,6-TRICHLOROPHENOL	2.00E+02	WHO DWG
2,4-DICHLOROPHENOL	2.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
2,4-DIMETHYLPHENOL	7.30E+02	USEPA Region 9 (pathway specific)
2,4-DINITROTOLUENE	7.36E+01	USEPA Region 9 (pathway specific)
2,6-DINITROTOLUENE	3.65E+01	USEPA Region 9 (pathway specific)
2-CHLORONAPHTHALENE	4.87E+02	USEPA Region 9 (pathway specific)
2-CHLOROPHENOL	5.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
2-METHYLNAPHTHALENE	nc	No Criterion
2-METHYLPHENOL	1.62E+03	USEPA Region 9 (pathway specific)
2-NITROANILINE	1.09E+02	USEPA Region 9 (pathway specific)
2-NITROPHENOL	nc	No Criterion
2-NITROANILINE	3.20E+00	USEPA Region 9 (pathway specific)
4-BROMOPHENYL PHENYL ETHER	nc	No Criterion
4-CHLORO-3-METHYLPHENOL	4.90E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
4-CHLOROMANINE	1.46E+02	USEPA Region 9 (pathway specific)
4-CHLOROPHENYL PHENYL ETHER	nc	No Criterion
4-METHYLPHENOL	1.82E+02	USEPA Region 9 (pathway specific)
4-NITROANILINE	3.20E+00	USEPA Region 9 (pathway specific)
4-NITROPHENOL	nc	No Criterion
ACENAPHTHENE	3.65E+02	USEPA Region 9 (pathway specific)
ACENAPHTHYLENE	1.00E+01	UK DWS (2000)
AMMONIACAL NITROGEN	nc	No Criterion
ANIONIC SURFACTANT	2.00E+02	UK DWS (2000)
ANTHRACENE	1.83E+03	USEPA Region 9 (pathway specific)
AZOBEZENE	6.11E+01	USEPA Region 9 (pathway specific)
BENZODIAANTHRACENE	9.21E+02	USEPA Region 9 (pathway specific)
BENZODIAPHYRENE	1.00E+02	UK DWS (2000)
BENZODIFLORANTHENE	nc	UK DWS (2000)
BENZODIOL-HYPERYLENE	nc	UK DWS (2000)
BENZODIOLFLUORANTHENE	nc	UK DWS (2000)
BIS(2-CHLOROETHOXY)METHANE	nc	No Criterion
BIS(2-CHLOROETHYL)ETHER	1.00E+02	USEPA Region 9 (pathway specific)
BIS(2-ETHYLHEXYL)PHENOL	8.00E+00	WHO DWG
BUTYLBENZYLPHthalate	7.30E+03	USEPA Region 9 (pathway specific)
CARBAZOLE	3.36E+00	USEPA Region 9 (pathway specific)
CHRYSENE	9.21E+00	USEPA Region 9 (pathway specific)
DIN-BUTYLPHthalate	2.65E+02	USEPA Region 9 (pathway specific)
DIN-OCTYLPHthalate	1.46E+03	USEPA Region 9 (pathway specific)
DIBENZ(A,H)ANTHRACENE	9.21E+03	USEPA Region 9 (pathway specific)
DIBENZOFURAN	1.22E+01	USEPA Region 9 (pathway specific)
DIETHYLPHTHALATE	2.65E+04	USEPA Region 9 (pathway specific)
DIETHYLPHTHALATE	8.65E+05	USEPA Region 9 (pathway specific)
FLUORANTHENE	2.00E+01	UK DWS (2000)
FLUORENE	2.43E+02	USEPA Region 9 (pathway specific)
HEXACHLOROBENZENE	3.00E+02	USEPA Region 9 (pathway specific)
HEXACHLOROBUTADIENE	1.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 88/347/EEC
HEXACHLOROCHLOROPENTADIENE	2.19E+02	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 88/347/EEC
HEXACHLOROETHANE	4.80E+00	USEPA Region 9 (pathway specific)
INDENO(1,2,3-CD)PYRENE	nc	UK DWS (2000)
SOPHORONE	7.08E+01	USEPA Region 9 (pathway specific)
TPH C6-C8 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C8-C8 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C8-C10 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C10-C12 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C12-C16 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C16-C21 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C21-C35 ALIPHATIC	1.00E+01	UK DWS (2000)
TPH C6-C7 AROMATIC	1.00E+01	UK DWS (2000)
TPH C7-C8 AROMATIC	1.00E+01	UK DWS (2000)
TPH C8-C10 AROMATIC	1.00E+01	UK DWS (2000)
TPH C10-C12 AROMATIC	1.00E+01	UK DWS (2000)
TPH C12-C16 AROMATIC	1.00E+01	UK DWS (2000)
TPH C16-C21 AROMATIC	1.00E+01	UK DWS (2000)
TPH C21-C35 AROMATIC	1.00E+01	UK DWS (2000)
TPH TOTAL ALIPHATICS (C6-C26)	1.00E+01	UK DWS (2000)
TPH TOTAL AROMATICS (C6-C26)	1.00E+01	UK DWS (2000)
TPH (SUM ALIPHATICS&AROMATICS C5-C35)	1.00E+01	UK DWS (2000)
MTBE	1.10E+01	USEPA Region 9 (pathway specific)
BENZENE	3.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales)
TOLUENE	4.90E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales)
ETHYLBENZENE	3.00E+02	WHO DWG
Xylene (Sum of M,P- and O-)	3.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
m,p-XYLENE	nc	UK Marine / Estuarine EGS
o-XYLENE	nc	UK Marine / Estuarine EGS
PRO C4-C12	nc	No Criterion
ARSENIC	2.50E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1997 No 256 (Water Resources, England & Wales)
BARIUM	7.00E+02	WHO DWG
BERYLLIUM	7.30E+01	USEPA Region 9 (pathway specific)
BORON	7.00E+03	USEPA Region 9 (pathway specific)
CADMIUM	2.50E+00	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
CHROMIUM	1.50E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
COPPER	5.00E+00	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
LEAD	2.50E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
NICKEL	3.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
SELENIUM	1.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
VANADIUM	1.00E+02	UK DWS (2000)
ZINC	4.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
MERCURY	3.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
NITRATE	5.00E+04	UK DWS (2000)
pH	6 - 8.5	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
PHOSPHATE (ORTHO AS PO4)	nc	No Criterion
FREE SULPHUR	nc	No Criterion
SULPHATE	2.50E+05	UK DWS (2000)
SULPHIDE	nc	No Criterion
THIOCYANATE	nc	No Criterion
TOTAL CYANIDE	5.00E+01	UK DWS (2000)
TOTAL ORGANIC NITROGEN	nc	No Criterion
N-NITROSODI-N-PROPYLAMINE	8.60E+03	USEPA Region 9 (pathway specific)
NAPHTHALENE	5.00E+00	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
NITROBENZENE	3.40E+00	USEPA Region 9 (pathway specific)
PCB THALOPOL	5.00E+01	UK DWS (2000)
PENTACHLOROPHENOL	2.00E+00	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales)
PHENANTHRENE	1.00E+01	UK DWS (2000)
PHENOL	3.00E+01	UK Marine / Estuarine EGS Surface Waters (Dangerous Substances)(Classification) Regulations 1989 No 228 (Water Resources, England & Wales) 83/513/EEC
PHRENE	1.83E+02	USEPA Region 9 (pathway specific)
Sum of 4 PAHs	1.00E+01	UK DWS (2000)

nc - No Criterion

Target Compound	Tier 1 Controlled Waters (mg/kg)	Source
1,1,1-Trichloroethane	0.125	WHO DWG
1,2,4-Trimethylbenzene	0.096	USEPA Region 9 (pathway specific)
1,3,5-Trimethylbenzene	0.096	USEPA Region 9 (pathway specific)
Benzene	0.025	UK DWS (2000)
Carbon Tetrachloride	0.023	UK DWS (2000)
Ethylbenzene	0.157	WHO DWG
m,p-Xylene	0.126	WHO DWG
O-Xylene	0.074	WHO DWG
Propylbenzene	1.020	USEPA Region 9 (pathway specific)
Styrene (Methyl benzene)	0.059	WHO DWG

Table 3- Metals (Soil)

Sample Location			TP603A	TP606A	TP608A	TP609A	TP610A	TP611A	TP613A	TP614A	TP616A	TP617A	TP618A	TP620A	TP621A	TP622A	TP623A	TP624A	TP626A	TP627A	TP628A	TP629A
Depth			1.3	2.7	0.9	2.3	0.7	2.5	0.6	1.1	1.4	0.4	2.8	2.5	1.7	1.2	1.2	1.0	1.6	2.2	0.6	0.3
Target Compound	MDL	MRL	Made Ground	Siltstone	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Clay	Clay	Silt	Made Ground	Made Ground	Silt	Silt	Silt	Made Ground	Made Ground
Arsenic	1	1	20	13	16	42	30	11	65	12	7	20	7	<1	7	58	11	12	10	12	7	11
Barium	2	2	162	65	341	75	192	68	111	789	67	286	2921	766	86	623	154	230	89	120	81	115
Beryllium	1	1	1	2	<1	<1	2	<1	1	2	1	2	3	6	1	1	1	<1	<1	2	<1	<1
Boron	1	1	<1	<1	<1	2	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	2	1
Cadmium	1	1	<1	<1	<1	<1	<1	<1	2	<1	<1	2	<1	<1	<1	1	1	<1	<1	<1	<1	<1
Chromium	1	1	23	25	17	7	17	24	10	28	18	36	22	32	16	51	27	12	25	17	26	30
Copper	1	1	28	25	26	12	46	4	34	37	15	88	<1	40	15	138	12	20	17	22	4	26
Lead	1	1	66	24	25	25	165	17	56	32	15	71	26	41	12	153	19	20	17	15	13	20
Nickel	1	1	31	13	18	26	69	10	39	26	17	52	179	158	16	116	68	19	14	22	8	29
Selenium	3	3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	15	<3	<3	<3	<3	<3	<3	<3	<3	<3
Vanadium	1	1	34	22	21	15	30	26	17	30	19	51	71	42	18	37	27	11	22	18	26	41
Zinc	1	1	156	50	40	27	58	33	398	93	50	278	257	119	46	155	84	11	45	53	22	167

MDL = method detection limit
MRL = method reporting limit
All concentrations reported in mg/kg

Table 4- Miscellaneous (Soil)

Sample Location			TP601A	TP601A	TP602A	TP602A	TP603A	TP603A	TP604A	TP604A	TP605A	TP605A	TP606A	TP606A	TP607A	TP607A	TP608A	TP608A	TP609A	TP609A	TP610A	TP610A	TP611A	TP611A
Depth			0.4	1.6	0.6	2.0	0.9	1.3	1.8	3.2	0.4	1.5	0.8	2.7	0.6	3.5	0.9	2.2	2.3	3.0	0.7	1.8	0.8	2.5
Target Compound			MDL	MRL	Made Ground	Clay	Made Ground	Made Ground	Sand	Silt & Sand	Made Ground	Silt	Silt	Siltstone	Made Ground	Silt & Sand	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt
Ammoniacal Nitrogen	5.5	5.5	<5.5	-	-	<5.5	-	<5.5	<5.5	-	<5.5	-	-	<5.5	<5.5	-	-	<5.5	<5.5	-	-	7.4	<5.5	-
Anionic Surfactant	0.5	N/A	<0.5	-	-	<0.5	-	<0.5	<0.5	-	5.3	-	-	2.0	<0.5	-	NDP	-	NDP	-	<0.5	-	<0.5	-
Nitrate Soluble	1	1	<1	-	-	5	-	6	-	3	4	-	-	24	3	-	-	<1	6	-	-	<1	-	3
Particle Size Distribution	N/A	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	1.00	1.00	8.53	6.26	7.00	7.10	7.83	7.43	6.90	7.68	8.65	7.73	7.91	7.33	4.64	7.81	8.12	7.46	7.50	8.33	7.84	7.61	5.37	7.59
Phosphate Soluble	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pipette Sedimentation	N/A	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphide Acid Soluble	50	50	-	-	-	-	-	<50	<50	-	-	-	-	-	-	-	-	-	177	-	-	-	-	-
Total Cyanide	1	1	-	-	<1	-	-	<1	-	-	-	-	-	<1	-	-	<1	-	<1	-	<1	-	-	<1
Total Organic Carbon	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	1	N/A	<1	-	-	<1	-	<1	<1	-	1.03	-	-	2.50	<1	-	-	<1	2.38	-	-	<1	<1	-
Total Sulphate	100	100	-	-	-	-	-	1,539	555	-	-	317	-	-	62,310	-	2,233	-	2,153	-	2,942	-	-	997
Total Sulphur	0.01	0.01	-	-	-	-	-	0.07	0.10	-	-	-	-	-	-	-	-	-	0.38	-	-	-	-	-

MDL = method detection limit

MRL = method reporting limit

*- = not analysed

NDP = no detection possible

All concentrations reported in mg/kg

Table 4- Miscellaneous (Soil)

Sample Location			TP612A	TP612A	TP613A	TP613A	TP614A	TP614A	TP615A	TP616A	TP616A	TP617A	TP617A	TP618A	TP618A	TP619A	TP619A	TP620A	TP620A	TP621A	TP621A	TP622A	TP622A	TP623A	TP623A
Depth			1.0	2.4	0.6	3.8	1.1	3.4	1.5	1.4	3.5	0.4	1.6	1.9	2.8	0.8	3.0	1.1	2.5	1.7	3.5	1.2	2.0	1.2	2.9
Target Compound	MDL	MRL	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt & Sand	Made Ground	Made Ground	Clay	Made Ground	Made Ground	Sand	Clay	Clay	Clay	Made Ground	Clay	Silt	Clay	Made Ground	Silt	Made Ground	Silt
Ammoniacal Nitrogen	5.5	5.5	<5.5	-	<5.5	-	<5.5	-	<5.5	<5.5	-	<5.5	-	-	<5.5	<5.5	-	-	<5.5	-	<5.5	-	<5.5	<5.5	-
Anionic Surfactant	0.5	N/A	NDP	-	<0.5	-	<0.5	-	1.8	NDP	-	<0.5	-	-	<0.5	<0.5	-	-	<0.5	NDP	-	<0.5	-	<0.5	-
Nitrate Soluble	1	1	8	-	2	-	2	-	4	4	-	4	-	-	28	15	-	-	24	-	78	-	1	<1	-
Particle Size Distribution	N/A	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	1.00	1.00	7.44	7.06	8.08	7.07	8.25	7.69	7.82	7.96	7.72	6.79	7.07	7.45	7.56	7.73	6.88	7.59	7.76	7.81	7.81	6.99	7.16	7.73	7.16
Phosphate Soluble	1	1	<1	<1	<1	<1	<1	<1	45	<1	2	233	21	<1	<1	<1	<1	<1	<1	<1	<1	39	<1	108	190
Pipette Sedimentation	N/A	N/A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphide Acid Soluble	50	50	<50	-	<50	-	-	-	-	-	-	<50	-	-	<50	-	-	-	-	-	-	<50	-	-	-
Total Cyanide	1	1	-	-	<1	-	<1	-	-	-	-	<1	-	-	<1	-	-	-	<1	<1	-	<1	-	<1	-
Total Organic Carbon	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	1	N/A	<1	-	<1	-	<1	-	<1	1.23	-	<1	-	-	4.06	3.34	-	-	4.07	-	8.77	-	<1	<1	-
Total Sulphate	100	100	3,076	-	2,828	-	4,895	-	-	171	-	1,301	-	-	1,921	-	1,188	461	-	-	-	3,314	-	-	-
Total Sulphur	0.01	0.01	0.67	-	1.20	-	-	-	-	-	-	0.13	-	-	0.10	-	-	-	-	-	-	0.53	-	-	-

MDL = method detection limit

MRL = method reporting limit

"- " = not analysed

NDP = no detection possible

All concentrations reported in mg/kg

Table 4- Miscellaneous (Soil)

			TP624A	TP624A	TP625A	TP625A	TP626A	TP626A	TP627A	TP627A	TP628A	TP628A	TP628A	TP629A	TP629A	TP630A	TP630A	DUPLICATE	WS502 A	WS503 A	WS504 A
Sample Location			1.0	2.5	0.7	1.8	0.7	1.6	0.3	2.2	0.6	1.7	2.3	0.3	2.3	0.5	1.9	1.9	1.3	1.5	1.6
Depth			Silt	Silt	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Silt	Made Ground	Made Ground	Siltstone	Made Ground	Clay	Made Ground	Silt	Silt	Made Ground	Made Ground	Made Ground
Target Compound			MDL	MRL																	
Ammoniacal Nitrogen	5.5	5.5	<5.5	-	<5.5	-	<5.5	-	-	<5.5	-	<5.5	-	<5.5	-	80.2	-	-	-	-	-
Anionic Surfactant	0.5	N/A	<0.5	-	<0.5	-	-	NDP	-	NDP	NDP	-	-	<0.5	-	NDP	-	-	<0.5	1.9	<0.5
Nitrate Soluble	1	1	3	-	21	-	1	-	-	101	-	<1	-	<1	-	<1	-	-	6	<1	5
Particle Size Distribution	N/A	N/A	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
pH	1.00	1.00	8.44	5.66	7.82	8.21	8.28	7.52	8.20	7.35	8.05	5.72	-	7.29	6.99	7.42	7.59	7.64	6.48	7.53	8.17
Phosphate Soluble	1	1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1	<1	<1
Pipette Sedimentation	N/A	N/A	-	-	-	-	-	-	-	-	-	-	0	-	-	-	-	-	-	-	-
Sulphide Acid Soluble	50	50	-	-	-	-	-	-	-	-	<50	-	-	1,624	-	-	-	-	-	-	-
Total Cyanide	1	1	<1	-	-	-	-	<1	-	<1	<1	-	-	<1	-	-	-	-	-	-	-
Total Organic Carbon	0.01	0.01	-	-	-	-	-	-	-	-	-	-	1.46	-	-	-	-	-	-	-	-
Total Organic Nitrogen	1	N/A	<1	-	2.62	-	<1	-	-	24.8	-	<1	-	<1	-	1.01	-	-	<1	<1	<1
Total Sulphate	100	100	-	-	-	-	-	-	-	451	521	-	-	12,350	-	-	-	-	-	-	-
Total Sulphur	0.01	0.01	-	-	-	-	-	-	-	-	0.04	-	-	2.08	-	-	-	-	-	-	-

MDL = method detection limit

MRL = method reporting limit

*- = not analysed

NDP = no detection possible

All concentrations reported in mg/kg

Table 5- PCBs (Soil)

Sample Location			TP610A	TP611A	TP617A		TP618A	TP622A	TP623A	TP625A	TP628A	TP629A	TP630A
Depth			0.7	0.8	0.4		2.8	1.2	2.9	0.7	0.6	0.3	0.5
Target Compound	MDL	MRL	Made Ground	Made Ground	Made Ground	Clay	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground
PCB (Total)	0.02	0.02	<1	0.13	0.05	<1	<1	<1	0.03	<1	<1	<1	<1

MDL = method detection limit
MRL = method reporting limit
PCB = poly cyclic biphenyls
All concentrations reported in mg/kg

Table 6- SVOCs (Soil)

Sample Location			TP601A	TP602A	TP603A	TP604A	TP604A	TP605A	TP606A	TP607A	TP607A	TP608A	TP608A	TP609A	TP609A	TP610A	TP610A
Depth			0.4	2.0	1.3	1.8	3.2	0.4	2.7	0.6	3.5	0.9	2.2	2.3	3.0	0.7	1.8
Target Compound			MDL	MRL	Made Ground	Clay	Made Ground	Sand	Silt & Sand	Made Ground	Siltstone	Made Ground	Silt & Sand	Made Ground	Silt	Made Ground	Silt
2,4-Dimethylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Methylnaphthalene	0.1	0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.9	<0.1	0.7	<0.1	<0.1	<0.1	0.3	<0.1	0.6	<0.1
2-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1
Benzo(g,h,i)perylene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)pyrene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(b)fluoranthene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(k)fluoranthene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Carbazole	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenz(a,h)anthracene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzofuran	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluoranthene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.4	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Fluorene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Isophorone	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.1	0.5	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Phenanthrene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.3	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	0.7	<0.1
Pyrene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1
Total PAH (sum of 4)	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

MDL = method detection limit

MRL = method reporting limit

SVOC = semi volatile organic compounds

PAH = polycyclic aromatic hydrocarbons

Note 1: Total PAH calculated as a sum of 4 PAHs (benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene and indeno(1,2,3-cd)pyrene)

All concentrations reported in mg/kg

Table 6- SVOCs (Soil)

Sample Location			TP611A	TP611A	TP612A	TP612A	TP613A	TP614A	TP615A	TP616A	TP616A	TP617A	TP617A	TP618A	TP618A	TP619A	TP619A	TP620A	TP620A	TP621A	TP621A	TP622A	TP622A
Depth			0.8	2.5	1.0	2.4	0.6	1.1	1.5	1.4	3.5	0.4	1.6	1.9	2.8	0.8	3.0	1.1	2.5	1.7	3.5	1.2	2.0
Target Compound			MDL	MRL	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Clay	Made Ground	Made Ground	Sand	Clay	Clay	Clay	Made Ground	Clay	Silt	Clay	Made Ground	Silt
2,4-Dimethylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Methylnaphthalene	0.1	0.1	1.6	<0.1	1.3	<0.1	0.5	0.1	<0.1	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	0.9	<0.1
2-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Acenaphthylene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1
Anthracene	0.1	0.1	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)anthracene	0.1	0.1	0.3	<0.1	0.9	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1	0.2	<0.1
Benzo(g,h,i)perylene	0.1	0.1	0.2	<0.1	0.4	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.3	<0.1	<0.1	<0.1	<0.1	<0.1
Benzo(a)pyrene	0.1	0.1	0.2	<0.1	0.6	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	1.4	<0.1	<0.1	<0.1	0.1	<0.1
Benzo(b)fluoranthene	0.1	0.1	0.3	<0.1	0.6	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	1.2	<0.1	<0.1	<0.1	0.2	<0.1
Benzo(k)fluoranthene	0.1	0.1	0.2	<0.1	0.5	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	0.8	<0.1	<0.1	<0.1	0.1	<0.1
Carbazole	0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1
Chrysene	0.1	0.1	0.4	<0.1	1.0	<0.1	<0.1	<0.1	0.5	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	1.4	<0.1	<0.1	<0.1	0.3	<0.1
Dibenz(a,h)anthracene	0.1	0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1
Dibenzofuran	0.1	0.1	0.3	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	0.2	<0.1
Fluoranthene	0.1	0.1	0.6	<0.1	1.7	<0.1	0.2	<0.1	0.9	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	2.7	<0.1	<0.1	<0.1	0.5	<0.1
Fluorene	0.1	0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	0.1	0.1	0.1	<0.1	0.3	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.0	<0.1	<0.1	<0.1	<0.1	<0.1
Isophorone	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	4.8	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	0.1	0.1	0.9	<0.1	0.7	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	<0.1	<0.1	<0.1	0.5	<0.1
Phenanthrene	0.1	0.1	1.1	<0.1	2.1	<0.1	0.3	0.2	0.2	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	1.8	<0.1	<0.1	<0.1	0.7	<0.1
Pyrene	0.1	0.1	0.5	<0.1	1.3	<0.1	0.1	<0.1	0.8	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	2.3	<0.1	<0.1	<0.1	0.4	<0.1
Total PAH (sum of 4)	0.1	0.1	0.7	<0.1	1.8	<0.1	<0.1	<0.1	0.8	<0.1	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	4.3	<0.1	<0.1	<0.1	0.3	<0.1

MDL = method detection limit

MRL = method reporting limit

SVOC = semi volatile organic compounds

PAH = polycyclic aromatic hydrocarbons

Note 1: Total PAH calculated as a sum of 4 PAHs (benzo[a]

All concentrations reported in mg/kg

Table 6- SVOCs (Soil)

			TP623A	TP623A	TP624A	TP625A	TP626A	TP626A	TP627A	TP627A	TP628A	TP628A	TP629A	TP629A	TP630A	TP630A	WS502 A	WS503 A	WS504 A
Sample Location			1.2	2.9	1.0	0.7	0.7	1.6	0.3	2.2	0.6	1.7	0.3	2.3	0.5	1.9	1.3	1.5	1.6
Depth			Made Ground	Silt	Silt	Made Ground	Made Ground	Silt	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Clay	Made Ground	Silt	Made Ground	Made Ground	Made Ground
Target Compound			MDL	MRL															
2,4-Dimethylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
2-Methylnaphthalene	0.1	0.1	<0.1	0.3	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	9.0	1.9
2-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	<0.1	<0.1
4-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Acenaphthene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.6	<0.1	<0.1
Acenaphthylene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	<0.1	<0.1
Anthracene	0.1	0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.0	0.2	<0.1
Benzo(a)anthracene	0.1	0.1	0.2	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.6	0.7	0.2
Benzo(g,h,i)perylene	0.1	0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.6	0.5	0.1
Benzo(a)pyrene	0.1	0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.2	0.7	0.1
Benzo(b)fluoranthene	0.1	0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.4	0.4	<0.1
Benzo(k)fluoranthene	0.1	0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.9	0.5	<0.1
Carbazole	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Chrysene	0.1	0.1	0.1	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.3	0.8	0.3
Dibenz(a,h)anthracene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	<0.1
Dibenzofuran	0.1	0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	3.7	0.5	0.3
Fluoranthene	0.1	0.1	0.3	0.3	<0.1	0.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	7.6	1.0	0.3
Fluorene	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1.1	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	0.1	0.1	<0.1	<0.1	<0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.3	0.3	<0.1
Isophorone	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Naphthalene	0.1	0.1	<0.1	0.2	<0.1	0.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	13.8	1.1	1.0
Phenanthrene	0.1	0.1	<0.1	0.3	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1	6.8	1.5	0.8
Pyrene	0.1	0.1	0.3	0.2	<0.1	0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	6.2	0.8	0.2
Total PAH (sum of 4)	0.1	0.1	<0.1	<0.1	<0.1	0.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	2.2	1.7	0.1

MDL = method detection limit

MRL = method reporting limit

SVOC = semi volatile organic compounds

PAH = polycyclic aromatic hydrocarbons

Note 1: Total PAH calculated as a sum of 4 PAHs (benzo(t

All concentrations reported in mg/kg

Table 7 TPH (Soil)

Sample Location			TP601A	TP602A	TP603A	TP604A	TP605A	TP606A	TP607A	TP608A	TP609A	TP610A	TP611A	TP612A	TP613A	TP614A	TP615A
Depth			0.4	2.0	1.3	1.8	1.5	2.7	0.6	0.9	2.3	0.7	2.5	1.0	0.6	1.1	1.5
Target Compound	MDL	MRL	Made Ground	Clay	Made Ground	Sand	Silt	Siltstone	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground
TPH (>EC12-16) aliphatic	0.1	0.1	-	-	-	<0.1	1.8	-	-	7.8	104.2	12.9	<0.1	48.1	-	-	77.2
TPH (>EC16-21) aliphatic	0.1	0.1	-	-	-	<0.1	<0.1	-	-	7.8	90.4	9.8	<0.1	53.9	-	-	2,911.5
TPH (EC21-35) aliphatic	0.1	0.1	-	-	-	<0.1	<0.1	-	-	46.5	77.9	61.0	<0.1	242.4	-	-	11,141.7
Total Aliphatics (C5-C35)	0.1	0.1	-	-	-	<0.1	1.8	-	-	62.1	272.5	83.7	<0.1	344.4	-	-	14,130.4
TPH (>EC7-8) aromatic	0.01	0.01	-	-	-	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01
TPH (>EC12-16) aromatic	0.1	0.1	-	-	-	<0.1	<0.1	-	-	1.7	37.1	6.8	<0.1	33.3	-	-	9.6
TPH (>EC16-21) aromatic	0.1	0.1	-	-	-	<0.1	<0.1	-	-	2.0	66.2	18.7	<0.1	53.2	-	-	40.9
TPH (>EC21-35) aromatic	0.1	0.1	-	-	-	<0.1	<0.1	-	-	0.4	212.6	90.8	<0.1	271.0	-	-	643.3
Total Aromatics (C6-C35)	0.1	0.1	-	-	-	<0.1	<0.1	-	-	4.1	316.0	116.3	<0.1	357.6	-	-	693.8
TPH-DRO	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-PRO (C4-C12)	0.01	0.01	-	-	-	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01
TPH (C5-C35)	0.1	0.1	-	-	-	<0.1	1.8	-	-	66.1	588.4	200.0	<0.1	702.0	-	-	14,824.2
Toluene (Methyl benzene)	0.01	0.01	-	-	-	<0.01	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	<0.01
Mineral Oils	10	10	<10	<10	15	-	-	<10	119	-	-	-	-	-	19	206	-
Total PAH	10	10	<10	<10	12	-	-	<10	108	-	-	-	-	-	<10	13	-
Total Hydrocarbons	10	10	<10	<10	35	-	-	<10	766	-	-	-	-	-	230	725	-

MDL = method detection limit

MRL = method reporting limit

"- " = not analysed

TPH = total petroleum hydrocarbons

Note 2: Total xylene calculated as a sum of m,p-xylene and o-xylene

All concentrations reported in mg/kg

Table 7 TPH (Soil)

Sample Location			TP616A	TP617A	TP618A	TP619A	TP620A	TP621A	TP622A	TP623A	TP624A	TP625A	TP626A	TP627A	TP628A	TP629A	TP630A	WS502 A	WS503 A	WS504 A
Depth			1.4	0.4	1.9	0.8	2.5	1.7	1.2	1.2	1.0	0.7	0.7	2.2	1.7	0.3	0.5	1.4	1.5	1.6
Target Compound	MDL	MRL	Made Ground	Made Ground	Sand	Clay	Clay	Silt	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground
TPH (>EC12-16) aliphatic	0.1	0.1	-	-	1.2	0.9	<0.1	7.3	-	-	-	13.5	8.5	<0.1	-	-	-	-	-	-
TPH (>EC16-21) aliphatic	0.1	0.1	-	-	<0.1	0.6	<0.1	0.4	-	-	-	24.0	7.5	<0.1	-	-	-	-	-	-
TPH (EC21-35) aliphatic	0.1	0.1	-	-	0.1	<0.1	0.1	0.2	-	-	-	242.1	18.8	<0.1	-	-	-	-	-	-
Total Aliphatics (C5-C35)	0.1	0.1	-	-	1.3	1.5	0.1	7.9	-	-	-	279.6	34.9	<0.1	-	-	-	-	-	-
TPH (>EC7-8) aromatic	0.01	0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	0.01	<0.01	<0.01	-	-	-	-	-	-
TPH (>EC12-16) aromatic	0.1	0.1	-	-	0.4	0.1	<0.1	1.4	-	-	-	3.2	2.8	<0.1	-	-	-	-	-	-
TPH (>EC16-21) aromatic	0.1	0.1	-	-	0.6	<0.1	<0.1	0.4	-	-	-	3.9	5.7	<0.1	-	-	-	-	-	-
TPH (>EC21-35) aromatic	0.1	0.1	-	-	<0.1	<0.1	<0.1	0.5	-	-	-	15.2	1.3	<0.1	-	-	-	-	-	-
Total Aromatics (C6-C35)	0.1	0.1	-	-	1.0	0.1	<0.1	2.3	-	-	-	22.3	9.7	<0.1	-	-	-	-	-	-
TPH-DRO	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,814	580	297
TPH-PRO (C4-C12)	0.01	0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	0.01	<0.01	<0.01	-	-	-	-	-	-
TPH (C5-C35)	0.1	0.1	-	-	2.3	1.6	0.1	10.2	-	-	-	301.9	44.5	<0.1	-	-	-	-	-	-
Toluene (Methyl benzene)	0.01	0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	0.01	<0.01	<0.01	-	-	-	-	-	-
Mineral Oils	10	10	<10	29	-	-	-	-	117	<10	<10	-	-	-	<10	2,182	25	-	-	-
Total PAH	10	10	<10	<10	-	-	-	-	<10	<10	<10	-	-	-	<10	346	<10	-	-	-
Total Hydrocarbons	10	10	<10	153	-	-	-	-	836	101	<10	-	-	-	18	11,977	183	-	-	-

MDL = method detection limit

MRL = method reporting limit

"- " = not analysed

TPH = total petroleum hydrocarbons

Note 2: Total xylene calculated as a sum of m,p-xylene and o-xylene

All concentrations reported in mg/kg

Table 8 VOCs (Soil)

Sample Location	TP60A	TP60B	TP60C	TP61A	TP61B	TP61C	TP61D	TP61E	TP61F	TP61G	TP61H	TP61I	TP61J	TP61K	TP61L	TP61M	TP61N	TP61O	TP61P	TP61Q	TP61R	TP61S	TP61T	TP61U	TP61V	TP61W	TP61X	TP61Y	TP61Z	TP61AA	TP61AB	TP61AC	TP61AD	TP61AE	TP61AF	TP61AG	TP61AH	TP61AI	TP61AJ	TP61AK	TP61AL	TP61AM	TP61AN	TP61AO	TP61AP	TP61AQ	TP61AR	TP61AS	TP61AT	TP61AU	TP61AV	TP61AW	TP61AX	TP61AY	TP61AZ	TP61BA	TP61BB	TP61BC	TP61BD	TP61BE	TP61BF	TP61BG	TP61BH	TP61BI	TP61BJ	TP61BK	TP61BL	TP61BM	TP61BN	TP61BO	TP61BP	TP61BQ	TP61BR	TP61BS	TP61BT	TP61BU	TP61BV	TP61BW	TP61BX	TP61BY	TP61BZ	TP61CA	TP61CB	TP61CC	TP61CD	TP61CE	TP61CF	TP61CG	TP61CH	TP61CI	TP61CJ	TP61CK	TP61CL	TP61CM	TP61CN	TP61CO	TP61CP	TP61CQ	TP61CR	TP61CS	TP61CT	TP61CU	TP61CV	TP61CW	TP61CX	TP61CY	TP61CZ	TP61DA	TP61DB	TP61DC	TP61DD	TP61DE	TP61DF	TP61DG	TP61DH	TP61DI	TP61DJ	TP61DK	TP61DL	TP61DM	TP61DN	TP61DO	TP61DP	TP61DQ	TP61DR	TP61DS	TP61DT	TP61DU	TP61DV	TP61DW	TP61DX	TP61DY	TP61DZ	TP61EA	TP61EB	TP61EC	TP61ED	TP61EE	TP61EF	TP61EG	TP61EH	TP61EI	TP61EJ	TP61EK	TP61EL	TP61EM	TP61EN	TP61EO	TP61EP	TP61EQ	TP61ER	TP61ES	TP61ET	TP61EU	TP61EV	TP61EW	TP61EX	TP61EY	TP61EZ	TP61FA	TP61FB	TP61FC	TP61FD	TP61FE	TP61FF	TP61FG	TP61FH	TP61FI	TP61FJ	TP61FK	TP61FL	TP61FM	TP61FN	TP61FO	TP61FP	TP61FQ	TP61FR	TP61FS	TP61FT	TP61FU	TP61FV	TP61FW	TP61FX	TP61FY	TP61FZ	TP61GA	TP61GB	TP61GC	TP61GD	TP61GE	TP61GF	TP61GG	TP61GH	TP61GI	TP61GJ	TP61GK	TP61GL	TP61GM	TP61GN	TP61GO	TP61GP	TP61GQ	TP61GR	TP61GS	TP61GT	TP61GU	TP61GV	TP61GW	TP61GX	TP61GY	TP61GZ	TP61HA	TP61HB	TP61HC	TP61HD	TP61HE	TP61HF	TP61HG	TP61HH	TP61HI	TP61HJ	TP61HK	TP61HL	TP61HM	TP61HN	TP61HO	TP61HP	TP61HQ	TP61HR	TP61HS	TP61HT	TP61HU	TP61HV	TP61HW	TP61HX	TP61HY	TP61HZ	TP61IA	TP61IB	TP61IC	TP61ID	TP61IE	TP61IF	TP61IG	TP61IH	TP61II	TP61IJ	TP61IK	TP61IL	TP61IM	TP61IN	TP61IO	TP61IP	TP61IQ	TP61IR	TP61IS	TP61IT	TP61IU	TP61IV	TP61IW	TP61IX	TP61IY	TP61IZ	TP61JA	TP61JB	TP61JC	TP61JD	TP61JE	TP61JF	TP61JG	TP61JH	TP61JI	TP61JJ	TP61JK	TP61JL	TP61JM	TP61JN	TP61JO	TP61JP	TP61JQ	TP61JR	TP61JS	TP61JT	TP61JU	TP61JV	TP61JW	TP61JX	TP61JY	TP61JZ	TP61KA	TP61KB	TP61KC	TP61KD	TP61KE	TP61KF	TP61KG	TP61KH	TP61KI	TP61KJ	TP61KK	TP61KL	TP61KM	TP61KN	TP61KO	TP61KP	TP61KQ	TP61KR	TP61KS	TP61KT	TP61KU	TP61KV	TP61KW	TP61KX	TP61KY	TP61KZ	TP61LA	TP61LB	TP61LC	TP61LD	TP61LE	TP61LF	TP61LG	TP61LH	TP61LI	TP61LJ	TP61LK	TP61LL	TP61LM	TP61LN	TP61LO	TP61LP	TP61LQ	TP61LR	TP61LS	TP61LT	TP61LU	TP61LV	TP61LW	TP61LX	TP61LY	TP61LZ	TP61MA	TP61MB	TP61MC	TP61MD	TP61ME	TP61MF	TP61MG	TP61MH	TP61MI	TP61MJ	TP61MK	TP61ML	TP61MM	TP61MN	TP61MO	TP61MP	TP61MQ	TP61MR	TP61MS	TP61MT	TP61MU	TP61MV	TP61MW	TP61MX	TP61MY	TP61MZ	TP61NA	TP61NB	TP61NC	TP61ND	TP61NE	TP61NF	TP61NG	TP61NH	TP61NI	TP61NJ	TP61NK	TP61NL	TP61NM	TP61NN	TP61NO	TP61NP	TP61NQ	TP61NR	TP61NS	TP61NT	TP61NU	TP61NV	TP61NW	TP61NX	TP61NY	TP61NZ	TP61OA	TP61OB	TP61OC	TP61OD	TP61OE	TP61OF	TP61OG	TP61OH	TP61OI	TP61OJ	TP61OK	TP61OL	TP61OM	TP61ON	TP61OO	TP61OP	TP61OQ	TP61OR	TP61OS	TP61OT	TP61OU	TP61OV	TP61OW	TP61OX	TP61OY	TP61OZ	TP61PA	TP61PB	TP61PC	TP61PD	TP61PE	TP61PF	TP61PG	TP61PH	TP61PI	TP61PJ	TP61PK	TP61PL	TP61PM	TP61PN	TP61PO	TP61PP	TP61PQ	TP61PR	TP61PS	TP61PT	TP61PU	TP61PV	TP61PW	TP61PX	TP61PY	TP61PZ	TP61QA	TP61QB	TP61QC	TP61QD	TP61QE	TP61QF	TP61QG	TP61QH	TP61QI	TP61QJ	TP61QK	TP61QL	TP61QM	TP61QN	TP61QO	TP61QP	TP61QQ	TP61QR	TP61QS	TP61QT	TP61QU	TP61QV	TP61QW	TP61QX	TP61QY	TP61QZ	TP61RA	TP61RB	TP61RC	TP61RD	TP61RE	TP61RF	TP61RG	TP61RH	TP61RI	TP61RJ	TP61RK	TP61RL	TP61RM	TP61RN	TP61RO	TP61RP	TP61RQ	TP61RR	TP61RS	TP61RT	TP61RU	TP61RV	TP61RW	TP61RX	TP61RY	TP61RZ	TP61SA	TP61SB	TP61SC	TP61SD	TP61SE	TP61SF	TP61SG	TP61SH	TP61SI	TP61SJ	TP61SK	TP61SL	TP61SM	TP61SN	TP61SO	TP61SP	TP61SQ	TP61SR	TP61SS	TP61ST	TP61SU	TP61SV	TP61SW	TP61SX	TP61SY	TP61SZ	TP61TA	TP61TB	TP61TC	TP61TD	TP61TE	TP61TF	TP61TG	TP61TH	TP61TI	TP61TJ	TP61TK	TP61TL	TP61TM	TP61TN	TP61TO	TP61TP	TP61TQ	TP61TR	TP61TS	TP61TT	TP61TU	TP61TV	TP61TW	TP61TX	TP61TY	TP61TZ	TP61UA	TP61UB	TP61UC	TP61UD	TP61UE	TP61UF	TP61UG	TP61UH	TP61UI	TP61UJ	TP61UK	TP61UL	TP61UM	TP61UN	TP61UO	TP61UP	TP61UQ	TP61UR	TP61US	TP61UT	TP61UU	TP61UV	TP61UW	TP61UX	TP61UY	TP61UZ	TP61VA	TP61VB	TP61VC	TP61VD	TP61VE	TP61VF	TP61VG	TP61VH	TP61VI	TP61VJ	TP61VK	TP61VL	TP61VM	TP61VN	TP61VO	TP61VP	TP61VQ	TP61VR	TP61VS	TP61VT	TP61VU	TP61VV	TP61VW	TP61VX	TP61VY	TP61VZ	TP61WA	TP61WB	TP61WC	TP61WD	TP61WE	TP61WF	TP61WG	TP61WH	TP61WI	TP61WJ	TP61WK	TP61WL	TP61WM	TP61WN	TP61WO	TP61WP	TP61WQ	TP61WR	TP61WS	TP61WT	TP61WU	TP61WV	TP61WW	TP61WX	TP61WY	TP61WZ	TP61XA	TP61XB	TP61XC	TP61XD	TP61XE	TP61XF	TP61XG	TP61XH	TP61XI	TP61XJ	TP61XK	TP61XL	TP61XM	TP61XN	TP61XO	TP61XP	TP61XQ	TP61XR	TP61XS	TP61XT	TP61XU	TP61XV	TP61XW	TP61XX	TP61XY	TP61XZ	TP61YA	TP61YB	TP61YC	TP61YD	TP61YE	TP61YF	TP61YG	TP61YH	TP61YI	TP61YJ	TP61YK	TP61YL	TP61YM	TP61YN	TP61YO	TP61YP	TP61YQ	TP61YR	TP61YS	TP61YT	TP61YU	TP61YV	TP61YW	TP61YX	TP61YY	TP61YZ	TP61ZA	TP61ZB	TP61ZC	TP61ZD	TP61ZE	TP61ZF	TP61ZG	TP61ZH	TP61ZI	TP61ZJ	TP61ZK	TP61ZL	TP61ZM	TP61ZN	TP61ZO	TP61ZP	TP61ZQ	TP61ZR	TP61ZS	TP61ZT	TP61ZU	TP61ZV	TP61ZW	TP61ZX	TP61ZY	TP61ZZ
Depth	1.0	0.9	1.3	0.7	2.5	1.1	1.0	1.4	1.6	1.9	0.8	2.5	3.5	1.2	2.9	0.7	2.2	1.7	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0.5	1.8	0.3	1.5	0																																																																																																																																																																																								

MDL = method detection limit
MRL = method reporting limit
All concentrations reported in mg/kg
VOC = volatile organic compounds

PLOT A - CONCENTRATIONS OF LEACHABLE METALS

<i>Sample Location</i>			TP603A	TP606A	TP608A	TP609A	TP610A	TP611A	TP613A	TP614A	TP616A	TP617A	TP618A
<i>Depth</i>			1.3	2.7	0.9	2.3	0.7	2.5	0.6	1.1	1.4	0.4	2.8
<i>Target Compound</i>	<i>MDL</i>	<i>MRL</i>	Made Ground	Siltstone	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Clay
Leachable Arsenic	1	1	<1	2	<1	8	<1	<1	<1	7	<1	21	<1
Leachable Barium	1	1	4	13	35	63	40	7	34	49	10	2	8
Leachable Boron	10	10	10	88	56	119	15	11	<10	33	<10	27	18
Leachable Cadmium	0.4	0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	0.8	<0.4
Leachable Chromium	1	1	<1	<1	<1	<1	<1	<1	<1	8	<1	<1	<1
Leachable Copper	1	1	<1	4	64	<1	<1	<1	<1	<1	<1	<1	<1
Leachable Lead	1	1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Leachable Nickel	1	1	<1	1	1	<1	<1	<1	<1	<1	<1	4	<1
Leachable Selenium	1	1	2	1	<1	1	<1	<1	<1	4	<1	3	<1
Leachable Vanadium	1	1	<1	3	<1	<1	<1	<1	<1	5	<1	35	<1
Leachable Zinc	3	3	<3	<3	4	<3	<3	<3	<3	<3	<3	<3	<3

MDL = method detection limit

MRL = method reporting limit

All concentrations reported in µg/l

PLOT A - CONCENTRATIONS OF LEACHABLE METALS

<i>Sample Location</i>			TP620A	TP621A	TP622A	TP623A	TP624A	TP626A	TP627A	TP628A	TP629A
<i>Depth</i>			2.5	1.7	1.2	1.2	1	1.6	2.2	0.6	0.3
<i>Target Compound</i>	<i>MDL</i>	<i>MRL</i>	Clay	Silt	Made Ground	Made Ground	Silt	Silt	Silt	Made Ground	Made Ground
Leachable Arsenic	1	1	<1	<1	40	19	<1	<1	<1	<1	<1
Leachable Barium	1	1	5	5	4	1	2	208	18	30	49
Leachable Boron	10	10	<10	<10	107	74	46	18	33	103	54
Leachable Cadmium	0.4	0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Leachable Chromium	1	1	<1	16	<1	<1	<1	4	5	1	<1
Leachable Copper	1	1	<1	<1	<1	34	<1	<1	39	<1	<1
Leachable Lead	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Leachable Nickel	1	1	<1	<1	9	6	9	<1	<1	<1	13
Leachable Selenium	1	1	4	2	9	3	2	3	<1	<1	<1
Leachable Vanadium	1	1	<1	<1	72	30	<1	2	4	2	3
Leachable Zinc	3	3	<3	<3	<3	<3	<3	<3	<3	<3	<3

MDL = method detection limit

MRL = method reporting limit

All concentrations reported in µg/l

PLOT A - LEACHABLE MISCELLANEOUS

Sample Location			TP601A	TP601A	TP602A	TP602A	TP603A	TP603A	TP604A	TP604A	TP605A	TP605A	TP606A	TP606A	TP607A	TP607A	TP608A	TP608A	TP609A	TP609A	TP610A	TP610A	TP611A	TP611A
Depth			0.4	1.6	0.6	2.0	0.9	1.3	1.8	3.2	0.4	1.5	0.8	2.7	0.6	3.5	0.9	2.2	2.3	3.0	0.7	1.8	0.8	2.5
Target Compound			MDL	MRL	Made Ground	Clay	Made Ground	Made Ground	Sand	Silt & Sand	Made Ground	Silt	Silt	Siltstone	Made Ground	Silt & Sand	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt
Ammoniacal Nitrogen	200	200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	1,000	<200	1,000	<200	1,500	<200	<200	700	<200	<200
Anionic Surfactant	50	N/A	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50
Leachable Nitrate	300	300	<300	-	-	<300	-	400	-	<300	<300	-	-	1,400	<300	-	-	<300	<300	-	-	<300	-	<300
Leachable pH	1.00	1.00	8.00	7.20	7.33	8.11	8.02	7.32	7.26	8.28	7.73	7.56	7.67	7.37	7.23	7.64	8.06	7.11	8.40	8.24	8.11	7.84	6.21	7.58
Leachable Phosphate (Ortho As Po4)	80	80	190	<80	<80	<80	<80	<80	<80	<80	450	<80	<80	140	<80	<80	<80	100	90	90	<80	<80	<80	<80
Leachable Sulphate	3,000	3,000	-	-	-	-	-	51,000	32,000	-	-	4,000	-	-	1,117,000	-	315,000	-	69,000	-	85,000	-	-	141,000
Leachable Total Organic Nitrogen	1,000	N/A	1,500	1,900	4,200	6,400	1,400	2,400	1,500	1,200	1,700	5,900	6,100	3,800	2,600	3,200	15,000	30,000	3,500	3,800	1,900	16,000	1,500	2,200

MDL = method detection limit
MRL = method reporting limit
"-." = not analysed
All concentrations reported in µg/l

PLOT A - LEACHABLE MISCELLANEOUS

			TP612A	TP612A	TP613A	TP613A	TP614A	TP614A	TP615A	TP616A	TP616A	TP617A	TP617A	TP618A	TP618A	TP619A	TP619A	TP620A	TP620A	TP621A	TP621A	TP622A	TP622A	TP623A		
Sample Location			1.0	2.4	0.6	3.8	1.1	3.4	1.5	1.4	3.5	0.4	1.6	1.9	2.8	0.8	3.0	1.1	2.5	1.7	3.5	1.2	2.0	1.2		
Depth			Made Ground	Silt	Made Ground	Silt	Made Ground	Silt & Sand	Made Ground	Made Ground	Clay	Made Ground	Made Ground	Sand	Clay	Clay	Clay	Made Ground	Clay	Silt	Clay	Made Ground	Silt	Made Ground		
Target Compound	MDL	MRL																								
Ammoniacal Nitrogen	200	200	<200	<200	<200	<200	<200	<200	<200	<200	<200	<200	300	<200	<200	<200	<200	2,000	<200	<200	<200	<200	<200	<200		
Anionic Surfactant	50	N/A	<50	<50	<50	<50	<50	<50	110	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50	<50		
Leachable Nitrate	300	300	<300	-	<300	-	<300	-	<300	<300	-	<300	-	-	1,100	<300	-	-	1,500	-	2,300	-	<300	<300		
Leachable pH	1.00	1.00	7.75	7.07	8.04	8.08	7.84	7.38	7.74	7.92	7.52	6.94	7.61	7.20	7.75	7.97	7.98	8.28	8.24	8.14	8.22	7.97	7.30	7.83		
Leachable Phosphate (Ortho As Po4)	80	80	120	80	80	<80	530	<80	86,220	190	157,190	8,570	-	170	<80	160	<80	140	<80	<80	<80	33,750	-	-		
Leachable Sulphate	3,000	3,000	15,000	-	28,000	-	78,000	-	-	3,000	-	5,000	-	-	65,000	-	169,000	15,000	-	-	-	42,000	-	-		
Leachable Total Organic Nitrogen	1,000	N/A	1,200	2,000	1,500	1,600	1,600	1,300	2,100	4,500	1,800	1,700	1,700	1,400	1,700	2,300	2,000	4,500	1,400	1,800	1,500	1,500	1,000	2,000		

MDL = method detection limit
MRL = method reporting limit
"- " = not analysed
All concentrations reported in µg/l

PLOT A - LEACHABLE MISCELLANEOUS

Sample Location			TP623A	TP624A	TP624A	TP625A	TP625A	TP626A	TP626A	TP627A	TP627A	TP628A	TP628A	TP629A	TP629A	TP630A	TP630A	DUPLICATE TP630A	WS502 A
Depth			2.9	1.0	2.5	0.7	1.8	0.7	1.6	0.3	2.2	0.6	1.7	0.3	2.3	0.5	1.9	1.9	1.3
Target Compound			MDL	MRL	Silt	Silt	Siltstone	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Clay	Made Ground	Silt	Silt	Made Ground
Ammoniacal Nitrogen	200	200	<200	<200	200	<200	<200	<200	500	300	<200	800	<200	<200	<200	3,000	200	<200	-
Anionic Surfactant	50	N/A	<50	<50	<50	<50	<50	60	<50	60	60	60	80	70	80	260	60	<50	<50
Leachable Nitrate	300	300	-	<300	-	500	-	<300	-	-	1,800	-	<300	<300	-	<300	-	-	-
Leachable pH	1.00	1.00	7.20	7.84	6.85	7.71	8.07	8.03	7.24	7.78	7.69	8.03	6.65	8.04	6.79	8.31	7.33	7.40	-
Leachable Phosphate (Ortho As Po4)	80	80	48,550	<80	-	340	-	-	<80	-	<80	<80	<80	-	<80	-	140	-	-
Leachable Sulphate	3,000	3,000	-	-	-	-	-	-	-	-	<3000	86,000	-	1,347,000	-	-	-	-	-
Leachable Total Organic Nitrogen	1,000	N/A	2,200	1,400	1,200	1,800	1,700	<1000	1,100	1,000	1,500	1,700	1,300	1,900	<1000	4,300	4,900	7,700	-

MDL = method detection limit
MRL = method reporting limit
"-." = not analysed
All concentrations reported in µg/l

PLOT A - CONCENTRATIONS OF LEACHABLE PCBS

<i>Sample Location</i>			TP610A	TP611A	TP617A	TP618A	TP622A	TP623A	TP625A	TP628A	TP629A	TP630A
<i>Depth</i>			0.7	0.8	0.4	2.8	1.2	2.9	0.7	0.6	0.3	0.5
<i>Target Compound</i>	<i>MDL</i>	<i>MRL</i>	Made Ground	Made Ground	Made Ground	Clay	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground
PCB (Total)	26	26	<26	<26	<26	<26	<26	<26	<26	<26	<26	<26

PCB = poly chlorinated biphenyls

MDL = method detection limit

MRL = method reporting limit

All concentrations reported in µg/l

PLOT A - CONCENTRATIONS OF LEACHABLE SVOCs

Sample Location			TP601A	TP601A	TP602A	TP602A	TP603A	TP603A	TP604A	TP604A	TP605A	TP605A	TP606A	TP606A	TP607A	TP607A	TP608A	TP608A	TP609A	TP609A	TP610A	TP610A	TP611A	TP611A	TP612A	TP612A
Depth			0.4	1.6	0.6	2.0	0.9	1.3	1.8	3.2	0.4	1.5	0.8	2.7	0.6	3.5	0.9	2.2	2.3	3.0	0.7	1.8	0.8	2.5	1.0	2.4
Target Compound			MDL	MRL	Made Ground	Clay	Made Ground	Made Ground	Sand	Silt & Sand	Made Ground	Silt	Silt	Siltstone	Made Ground	Silt & Sand	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt	Made Ground	Silt
2,4-Dimethylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Methylnaphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acenaphthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	34	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Anthracene	1	1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	22	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Azobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(A)Anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(G,H,I)Perylene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(a)pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbazole	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chrysene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibenzofuran	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Fluoranthene	1	1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	20	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Fluorene	1	1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	17	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Phenanthrene	1	1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	24	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	14	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total PAH (Sum of 4)	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

MDL = method detection limit

MRL = method reporting limit

SVOC = semi volatile organic compounds

All concentrations reported in µg/l

Note 1: Total PAH calculated as a sum of 4 PAHs (benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene and indeno(1,2,3-cd)perylene

PLOT A - CONCENTRATIONS OF LEACHABLE SVOCs

			TP613A	TP613A	TP614A	TP614A	TP615A	TP616A	TP616A	TP617A	TP617A	TP618A	TP618A	TP619A	TP619A	TP620A	TP620A	TP621A	TP621A	TP622A	TP622A	TP623A	TP623A	TP624A	TP624A	TP625A
			0.6	3.8	1.1	3.4	1.5	1.4	3.5	0.4	1.6	1.9	2.8	0.8	3.0	1.1	2.5	1.7	3.5	1.2	2.0	1.2	2.9	1.0	2.5	0.7
Sample Location			Made Ground	Silt	Made Ground	Silt & Sand	Made Ground	Made Ground	Clay	Made Ground	Made Ground	Sand	Clay	Clay	Clay	Made Ground	Clay	Silt	Clay	Made Ground	Silt	Made Ground	Silt	Silt	Siltstone	Made Ground
Depth	MDL	MRL																								
Target Compound																										
2,4-Dimethylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Methylnaphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acenaphthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	7	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Azobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(A)Anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(G,H,I)Perylene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo[a]pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo[b]fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo[k]fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbazole	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chrysene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibenzofuran	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1
Fluorene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	8	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Phenanthrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	10	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total PAH (Sum of 4)	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

MDL = method detection limit

MRL = method reporting limit

SVOC = semi volatile organic compounds

All concentrations reported in µg/l

Note 1: Total PAH calculated as a sum of 4 PAHs (benzo/

PLOT A - CONCENTRATIONS OF LEACHABLE SVOCs

Sample Location			TP625A	TP626A	TP626A	TP627A	TP627A	TP628A	TP628A	TP629A	TP629A	TP629A	TP630A	TP630A	TP630A	DUPLICATE	WS503 A
Depth			1.8	0.7	1.6	0.3	2.2	0.6	1.7	0.3	2.3	0.5	1.9	1.9	1.5		
Target Compound	MDL	MRL	Made Ground	Made Ground	Silt	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Clay	Made Ground	Silt	Silt	Made Ground		
2,4-Dimethylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Methylnaphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acenaphthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Azobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(A)Anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(G,H,I)Perylene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(a)pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(b)fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Benzo(k)fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Carbazole	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Chrysene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibenzofuran	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Fluorene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Phenanthrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total PAH (Sum of 4)	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

MDL = method detection limit

MRL = method reporting limit

SVOC = semi volatile organic compounds

All concentrations reported in µg/l

Note 1: Total PAH calculated as a sum of 4 PAHs (benzo/

PLOT A - CONCENTRATIONS OF LEACHABLE TPH

Sample Location			TP601A	TP602A	TP603A	TP604A	TP605A	TP606A	TP607A	TP608A	TP609A	TP610A	TP611A	TP612A	TP613A
Depth			0.4	2.0	1.3	1.8	1.5	2.7	0.6	0.9	2.3	0.7	2.5	1.0	0.6
Target Compound	MDL	MRL	Made Ground	Clay	Made Ground	Sand	Silt	Siltstone	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground
Leachable TPH (>EC16-21) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Leachable TPH (EC21-35) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total Aliphatics (C5-C35)	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Leachable TPH (>EC16-21) aromatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total Aromatics (C6-C35)	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
TPH (C5-C35)	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10

MDL = method detection limit
MRL = method reporting limit
TPH = total petroleum hydrocarbons
All concentrations reported in µg/l

PLOT A - CONCENTRATIONS OF LEACHABLE TPH

Sample Location			TP614A	TP615A	TP616A	TP617A	TP618A	TP619A	TP620A	TP621A	TP622A	TP623A	TP624A	TP625A	TP626A	TP627A	TP628A	TP629A	TP630A
Depth			1.1	1.5	1.4	0.4	1.9	0.8	2.5	1.7	1.2	1.2	1.0	0.7	0.7	2.2	1.7	0.3	0.5
Target Compound			MDL	MRL	Made Ground	Made Ground	Made Ground	Made Ground	Sand	Clay	Clay	Silt	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground
Leachable TPH (>EC16-21) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	22	<10	<10	<10	<10	<10	<10
Leachable TPH (EC21-35) aliphatic	10	10	<10	<10	<10	<10	<10	71	<10	<10	<10	<10	47	<10	<10	<10	100	<10	40
Total Aliphatics (C5-C35)	10	10	<10	<10	<10	<10	<10	71	<10	<10	<10	<10	69	<10	<10	<10	100	<10	40
Leachable TPH (>EC16-21) aromatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	38	<10	<10	<10	<10	<10	<10
Total Aromatics (C6-C35)	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	38	<10	<10	<10	<10	<10	<10
TPH (C5-C35)	10	10	<10	<10	<10	<10	<10	71	<10	<10	<10	<10	107	<10	<10	<10	100	<10	40

MDL = method detection limit
MRL = method reporting limit
TPH = total petroleum hydrocarbons
All concentrations reported in µg/l