TABLE 1 - GROUNDWATER LEVELS

Date	Monitoring Well	Depth to Groundwater (mbtc)	Monitoring Well Depth (mbtc)	Total Depth of water (m)	Ground Level Relative Elevation (mAOD)	Casing Top Relative Elevation (mAOD)	Groundwater relative elevation (mAOD)	Comments
Newly Installed Monitoring Wells								
30/08/2006	WS551B	dry	2.303	-	92.09	92.34	-	Dry
30/08/2006	WS552B	3.129	4.418	1.289	91.87	92.12	88.991	Brown, silty, slight oily sheen
30/08/2006	WS553B	2.760	2.910	0.150	92.09	92.30	89.540	Dark brown, moderate hydrocarbon odour
30/08/2006	WS554B	not installed	-	-	88.75	-	-	Monitoring well not installed
30/08/2006	WS555B	dry	5.243	-	92.04	92.17	-	Dry, strong chemical odour from open well
Existing Monitoring Wells								
30/08/2006	WS114	lost	-	-	-	-	-	Unable to locate
30/08/2006	WS165	2.555	2.838	0.283	-	-	-	NVO, unable to sample

Notes:
mbtc = metres below top casing
mAOD = metres above ordnance datum

TABLE 2A - SOIL ANALYTICAL SCHEDULE

Analyte	Soil Analytical Schedule																							
	TP651B		TP652B		TP653B	TP654B	TP655B		TP656B		TP657B			TP658B		TP659B	TP660B	TP661B			TP662B		TP6
	0.7	1.5	0.8	1.5	2.3	2.0	0.6	2.3	1.0	2.3	0.8	2.8	4.0	0.7	1.6	1.0	1.5	0.4	0.9	1.8	0.5	1.4	1.5
Acid Soluble Sulphide	-	S & L	-	-	-	-	-	-	-	-	-	S & L	-	-	-	S	-	-	-	-	-	S & L	S
Ammonium	S & L	L	S & L	L	S & L	S & L	S & L	-	L	S & L	L	S & L	L	L	S & L	S & L	S & L	L	S & L	-	S & L	L	S & L
Heavy Metals*	-	S & L	-	-	S & L	S & L	-	S & L	-	S & L	-	-	L	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	L	-	S & L	S & L	S & L	-	S & L	-	S & L	-	S & L
Orthophosphate	S	S & L	S	S & L	S & L	S & L	S & L	S & L	S	S & L	S & L	S & L	L	S & L	S & L	S & L	S & L	-	S & L	S & L	S & L	-	S & L
PAH	-	-	S	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	-	S	-	-	S
PCBs	S & L	-	-	-	S & L	S & L	-	-	-	-	-	-	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	L	S & L	S & L	S & L	S & L	S & L	-	S & L	S & L	S & L	S & L
Phenols	S & L	-	-	-	S & L	S & L	-	-	-	-	-	-	L	S & L	-	-	S & L	-	-	-	S & L	-	-
PSD	-	-	-	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	-
Sulphate	-	S & L	-	-	-	-	-	S & L	-	-	-	S & L	L	S & L	-	S & L	S & L	S & L	-	-	-	S & L	S & L
Surfactants (MBAS)	S & L	L	L	S & L	S & L	S & L	L	S & L	L	S & L	L	S & L	L	L	S & L	S & L	S & L	L	-	S & L	S & L	L	S & L
SVOCs	S & L	L	L	L	S & L	S & L	L	L	L	L	S & L	L	L	S & L	L	S & L	S & L	L	-	L	S & L	L	L
Thiocyanate	-	S & L	-	-	-	-	-	S & L	-	-	-	S & L	L	-	S & L	S & L	S & L	-	S & L	-	S & L	-	S & L
TOC	-	-	-	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	-
Total Cyanide	-	S & L	-	-	-	-	-	S & L	-	-	-	S & L	L	-	S & L	S & L	S & L	-	S & L	-	S & L	-	S & L
Total Organic Nitrogen	S & L	L	S & L	L	S & L	S & L	S & L	-	L	S & L	L	S & L	L	L	S & L	S & L	S & L	L	-	S & L	S & L	L	S & L
Total Sulphur	-	S & L	-	-	-	-	-	-	-	-	-	S & L	-	-	-	S	-	-	-	-	-	S & L	S
TPH (aliphatic/aromatic split)	-	-	-	-	-	S & L	S & L	-	-	-	S & L	-	L	-	-	-	-	S & L	-	-	-	S & L	S & L
TPH CWG	S & L	-	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
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L = Leachate only
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MBAS = Methylene Blue Active Substances
TPH = Total Petroleum Hydrocarbons
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SVOC = Semi Volatile Organic Compounds
PAH = Polycyclic Aromatic Hydrocarbons
PCB = Poly Chlorinated Biphenyls
TOC = Total Organic Carbon
PSD = Particle Size Distribution

TABLE 2A - SOIL ANALYTICAL SCHEDULE

Analyte		Soil Analytical Schedule																					
	63B	TP664B			TP665B			TP666B			TP667B		TP668B			TP669B		TP670B			TP671B			TP672B	
	1.9	2.0	3.0	0.9	1.3	2.0	2.2	2.5	3.5	1.3	2.2	1.0	2.5	3.9	0.5	2.1	2.0	2.9	1.5	2.2	4.0	1.9	3.5
Acid Soluble Sulphide	-	-	-	-	-	-	-	-	-	-	-	-	S & L	-	-	-	S	-	-	-	-	-	-
Ammonium	L	S & L	L	S & L	L	L	S & L	L	L	S & L	L	S & L	L	L	L	S & L	S & L	L	-	S & L	L	S & L	L
Heavy Metals*	-	-	-	S	-	-	-	-	S & L	-	-	-	S & L	L	-	-	S	-	-	-	-	-	S & L
Nitrate	-	S & L	-	S & L	-	-	S & L	-	-	S & L	-	S & L	-	L	-	S & L	-	S	-	S & L	-	S & L	-
Orthophosphate	L	S & L	S	S & L	S	L	S & L	S	S	S	S & L	S & L	S	L	S & L	S	S & L	S	-	-	S & L	S & L	S
PAH	-	S	-	-	-	-	-	-	-	S	-	-	-	-	S	-	-	-	-	-	-	-	-
PCBs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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	L	S & L	S & L	S & L	S & L	-	S & L	S & L	S & L	S & L
Phenols	-	-	-	-	-	-	-	-	-	S	-	-	-	-	-	-	-	-	-	-	-	-	S & L
PSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphate	-	-	-	S	-	-	-	-	S & L	-	-	-	S & L	L	-	-	-	S	-	S & L	-	-	-
Surfactants (MBAS)	L	S & L	L	S & L	L	L	S & L	L	L	L	S & L	S & L	L	L	S & L	L	S & L	L	-	S & L	L	S & L	L
SVOCs	L	L	L	S & L	L	L	S & L	L	L	L	L	L	L	L	L	L	S	S & L	-	S & L	L	L	S & L
Thiocyanate	-	-	-	S	-	-	-	-	S & L	-	-	-	S & L	L	-	-	S	-	-	S & L	-	-	-
TOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Cyanide	-	-	-	S	-	-	-	-	S & L	-	-	-	S & L	L	-	-	S	-	-	S & L	-	-	-
Total Organic Nitrogen	L	S & L	L	S & L	L	L	S & L	L	L	S & L	L	S & L	L	L	L	S & L	L	S & L	-	S & L	L	S & L	L
Total Sulphur	-	-	-	-	-	-	-	-	-	-	-	-	S & L	-	-	-	S	-	-	-	-	-	-
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	-	-	S

* As Ba Be Bo Cd Cr Pb Hg Ni Se Vn Zn
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TOC = Total Organic Carbon
PSD = Particle Size Distribution

TABLE 2A - SOIL ANALYTICAL SCHEDULE

Analyte	Soil Analytical Schedule																				
	TP673B		TP674B		TP675B	TP676B	TP676B		TP677B		TP678B		TP679B		TP680B			WS551B	WS552B	WS553B	WS554B	WS555B
	1.2	2.5	1.6	3.0	2.0	0.5	1.9	2.9	1.6	3.2	2.1	3.5	0.6	2.0	1.3	2.0	2.45	0.5-0.6	1.5-1.6	1.5-1.6	0.7-0.8	2.1-2.2
Acid Soluble Sulphide	-	-	-	-	S	-	-	-	-	-	-	S	-	-	S & L	-	-	-	-	-	-	-
Ammonium	S & L	L	L	S & L	S & L	S & L	L	L	S & L	L	S & L	L	S & L	L	L	-	S & L	-	-	-	-	-
Heavy Metals*	-	-	-	S & L	S & L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nitrate	S & L	-	-	S	S & L	-	S & L	L	S & L	-	S & L	-	S & L	-	-	-	S & L	S	S	S	S	S
Orthophosphate	S & L	S	S	S & L	S & L	S & L	S & L	L	S	S & L	S & L	S & L	S & L	S	S & L	-	-	S	S	S	S	S
PAH	-	-	-	-	S	-	S	-	-	-	-	S	-	-	-	-	-	-	-	-	-	-
PCBs	-	-	-	-	S & L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	S & L	S & L	S & L	S & L	S & L	S & L	S & L	L	S & L	S & L	S & L	S & L	S & L	S & L	S & L	-	S & L	S	S	S	S	S
Phenols	-	-	-	-	S & L	-	-	-	-	-	-	-	-	-	-	S & L	-	-	-	-	-	-
PSD	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphate	-	-	-	-	S & L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Surfactants (MBAS)	L	S & L	L	S & L	S & L	L	S & L	L	L	S & L	L	S & L	L	S & L	-	S & L	L	-	-	S & L	S & L	-
SVOCs	L	L	S & L	L	L	L	L	L	S & L	L	S & L	L	L	L	-	S & L	L	S & L	S & L	S & L	S & L	S & L
Thiocyanate	-	-	-	-	S & L	-	-	-	-	-	-	-	-	-	-	S & L	S & L	S & L	S & L	S & L	S & L	S & L
TOC	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Cyanide	-	-	-	-	S & L	-	-	-	-	-	-	-	-	-	-	S & L	-	S & L	S & L	S & L	S & L	S & L
Total Organic Nitrogen	S & L	L	L	S & L	S & L	S & L	L	L	S & L	L	S & L	L	S & L	L	L	-	S & L	S	-	S	-	-
Total Sulphur	-	-	-	-	S	-	-	-	-	-	-	S	-	-	S & L	-	-	-	-	-	-	-
TPH (aliphatic/aromatic split)	-	S & L	-	S & L	-	-	S & L	L	-	-	-	-	-	S & L	-	-	-	-	-	S	-	S
TPH CWG	-	-	-	-	S & L	-	-	-	S & L	-	-	-	-	-	-	S & L	-	-	-	-	-	-
VOCs	-	-	-	S & L	-	-	-	-	S	-	S	-	-	-	-	S	-	-	-	-	-	-

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

S = Soil only

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MBAS = Methylene Blue Active Substances

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VOC = Volatile Organic Compounds

SVOC = Semi Volatile Organic Compounds

PAH = Polycyclic Aromatic Hydrocarbons

PCB = Poly Chlorinated Biphenyls

TOC = Total Organic Carbon

PSD = Particle Size Distribution

TABLE 2B - GROUNDWATER ANALYTICAL SCHEDULE

Analyte	Water Analytical Schedule				
	TP659B**	TP675B**	WS552B	WS553B	TRIP BLANK
	25/07/06	25/07/06	30/08/06	30/08/06	30/08/06
Ammonium	-	-	✓	-	✓
Heavy Metals*	-	-	✓	-	✓
Nitrate	-	-	✓	-	✓
Orthophosphate	-	-	✓	-	✓
pH	-	-	✓	-	✓
Phenols	-	-	✓	-	✓
Sulphate	-	-	✓	-	✓
Surfactants (MBAS)	-	-	✓	-	✓
SVOCs	-	-	✓	-	✓
Thiocyanate	-	-	✓	-	✓
Total Cyanide	-	-	✓	-	✓
Total Organic Nitrogen	-	-	✓	-	✓
TPH CWG	-	-	✓	-	✓
VOCs	✓	✓	✓	✓	✓

** Grab sample from perched groundwater

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

✓ = Analysis requested

"-" = Analysis not requested

MBAS = Methylene Blue Active Substances

TPH = Total Petroleum Hydrocarbons

CWG = Criteria Working Group

VOC = Volatile Organic Compounds

SVOC = Semi Volatile Organic Compounds

TABLE 2C - Stage 2 Human Health Generic Assessment Criteria (GAC) for Screening of Soil
Plot B

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

TABLE 2C - Stage 2 Human Health Generic Assessment Criteria (GAC) for Screening of Soil
Plot B

Target Compound	MDL (mg/kg)	Human Health (mg/kg)	Source
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
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

TABLE 2C - Stage 2 Human Health Generic Assessment Criteria (GAC) for Screening of Soil
Plot B

Target Compound	MDL (mg/kg)	Human Health (mg/kg)	Source
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
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 2D- Stage 2 Controlled Waters Generic Assessment Criteria for Screening of Soil Plot B

Target Compound	*Controlled Waters mg/kg*	*Source*
1,1,1-Trichloroethane	4.5747	WHO DWG
1,1-Dichloroethane	0.4188	USEPA Region 9 (pathway specific)
1,2,4-Trimethylbenzene	0.1689	USEPA Region 9 (pathway specific)
1,2-Dichlorobenzene	6.3285	WHO DWG
1,3,5-Trimethylbenzene	0.1689	USEPA Region 9 (pathway specific)
1,3-Dichlorobenzene	3.6466	USEPA Region 9 (pathway specific)
1,4-Dichlorobenzene	1.9038	USEPA Region 9 (pathway specific)
Benzene	0.0015	UK DWS (2000)
Cis-1,2-Dichloroethene	0.0331	WHO DWG
Ethylbenzene	1.3585	WHO DWG
Isopropylbenzene	3.5170	USEPA Region 9 (pathway specific)
M,P-Xylene	2.2177	WHO DWG
Naphthalene	0.0809	USEPA Region 9 (pathway specific)
O-Xylene	2.2177	WHO DWG
P-IsopropylToluene (Methyl benzene)	NV	No Criterion
Propylbenzene	NV	No Criterion
Sec-Butylbenzene	6.9408	USEPA Region 9 (pathway specific)
Styrene	0.1588	WHO DWG
Tetrachloroethene	0.0185	UK DWS (2000)
Toluene (Methyl benzene)	1.1260	WHO DWG
Trans-1,2-Dichloroethene	0.0917	UK DWS (2000)
Trichloroethene	0.0185	UK DWS (2000)
tert-Butylbenzene	8.3580	UK DWS (2000)
n-Butylbenzene	2.7635	USEPA Region 9 (pathway specific)

NV: No value available
USEPA Region 9 PRG- United States Environment Protection Agency Region 9 Preliminary Remediation Goal
WHO DWG - World Health Organisation Drinking Water Guidelines
UK DWS (2000) - United Kingdom Drinking Water Standards

TABLE 2E- Stage 2 Human Health & Controlled Waters Generic Assessment Criteria (GAC) for Screening of Groundwater
Plot B

Target Compound	*MDLµg/L*	*Human Health µg/L*	*Source*	*Controlled Waters µg/L*	*Source*
1,1,1,2-Tetrachloroethane	1	2210	URS GAC	0.432	USEPA Region 9 (pathway specific)
1,1,1-Trichloroethane	1	2000	URS GAC	2000	URS GAC
1,1,2,2-Tetrachloroethane	1	10300	URS GAC	0.0553	URS GAC
1,1,2-Trichloroethane	1	0.200	URS GAC	0.200	URS GAC
1,1-Dichloroethane	1	811	USEPA Region 9 (pathway specific)	811	USEPA Region 9 (pathway specific)
1,1-Dichloroethene	1	825	URS GAC	30.0	WHO DWG
1,1-Dichloropropene	1	NV	No Criterion	NV	No Criterion
1,2,3-Trichlorobenzene	1	NV	No Criterion	NV	No Criterion
1,2,3-Trichloropropane	1	0.00560	USEPA Region 9 (pathway specific)	0.00560	USEPA Region 9 (pathway specific)
1,2,4-Trichlorobenzene	1	7.16	USEPA Region 9 (pathway specific)	7.16	USEPA Region 9 (pathway specific)
1,2,4-Trimethylbenzene	1	12.3	USEPA Region 9 (pathway specific)	12.3	USEPA Region 9 (pathway specific)
1,2-Dibromo-3-Chloropropane	1	0.100	UK DWS (2000)	0.100	UK DWS (2000)
1,2-Dibromoethane	1	0.100	UK DWS (2000)	0.100	UK DWS (2000)
1,2-Dichlorobenzene	1	1000	WHO DWG	1000	WHO DWG
1,2-Dichloroethane	1	44.3	URS GAC	3.00	URS GAC
1,2-Dichloropropane	1	0.100	UK DWS (2000)	0.100	UK DWS (2000)
1,3,5-Trimethylbenzene	1	12.3	USEPA Region 9 (pathway specific)	12.3	USEPA Region 9 (pathway specific)
1,3-Dichlorobenzene	1	183	USEPA Region 9 (pathway specific)	183	USEPA Region 9 (pathway specific)
1,3-Dichloropropane	1	20.0	UK DWS (2000)	0.100	UK DWS (2000)
1,4-Dichlorobenzene	1	300	WHO DWG	300	WHO DWG
2,2-Dichloropropane	1	NV	No Criterion	NV	No Criterion
2,4,5-Trichlorophenol	1	9.00	WHO DWG	9.00	WHO DWG
2,4,6-Trichlorophenol	1	200	WHO DWG	200	WHO DWG
2,4-Dichlorophenol	1	NV	No Adequate Data	NV	No Adequate Data
2,4-Dimethylphenol	1	730	USEPA Region 9 (pathway specific)	730	USEPA Region 9 (pathway specific)
2,4-Dinitrotoluene	1	73.0	USEPA Region 9 (pathway specific)	73.0	USEPA Region 9 (pathway specific)
2,6-Dinitrotoluene	1	36.5	USEPA Region 9 (pathway specific)	36.5	USEPA Region 9 (pathway specific)
2-Chloronaphthalene	1	487	USEPA Region 9 (pathway specific)	487	USEPA Region 9 (pathway specific)
2-Chlorophenol	1	NV	URS GAC	NV	URS GAC
2-Chlorotoluene	1	122	USEPA Region 9 (pathway specific)	122	USEPA Region 9 (pathway specific)
2-Methylnaphthalene	1	NV	No Criterion	NV	No Criterion
2-Methylphenol	1	182	URS GAC	182	URS GAC
2-Nitroaniline	1	109	USEPA Region 9 (pathway specific)	109	USEPA Region 9 (pathway specific)
2-Nitrophenol	1	NV	No Criterion	NV	No Criterion
3-Nitroaniline	1	3.20	USEPA Region 9 (pathway specific)	3.20	USEPA Region 9 (pathway specific)
4-Bromophenyl Phenyl Ether	1	NV	No Criterion	NV	No Criterion
4-Chloro-3-Methylphenol	1	NV	No Criterion	40.0	UK Marine/Estuarine EQS Surface Waters
4-Chloroaniline	1	146	USEPA Region 9 (pathway specific)	146	USEPA Region 9 (pathway specific)
4-Chlorophenyl Phenyl Ether	1	NV	No Criterion	NV	No Criterion
4-Chlorotoluene	1	NV	No Criterion	NV	No Criterion
4-Methylphenol	1	182	USEPA Region 9 (pathway specific)	182	USEPA Region 9 (pathway specific)
4-Nitroaniline	1	3.20	USEPA Region 9 (pathway specific)	3.20	USEPA Region 9 (pathway specific)
4-Nitrophenol	1	NV	No Criterion	NV	No Criterion
Acenaphthene	1	83100	URS GAC	365	USEPA Region 9 (pathway specific)
Acenaphthylene	1	17700	UK DWS (2000)	10.00	UK DWS (2000)
Anthracene	1	1830	USEPA Region 9 (pathway specific)	1830	USEPA Region 9 (pathway specific)
Ammonium As NH4	300	NV	No Criterion	NV	No Criterion
Arsenic	1	10.00	UK DWS (2000)	10.00	URS GAC
Azobenzene	1	0.611	USEPA Region 9 (pathway specific)	0.611	USEPA Region 9 (pathway specific)
Benzene	10	76.0	URS GAC	1.00	URS GAC
Benzo(a)Anthracene	1	1910	URS GAC	0.0921	USEPA Region 9 (pathway specific)
Benzo(a)Pyrene	1	164	URS GAC	0.0100	UK DWS (2000)
Benzo(b)Fluoranthene	1	461	URS GAC	See PAHs	UK DWS (2000)
Benzo(g,h,il)Perylene	1	531	URS GAC	See PAHs	UK DWS (2000)
Benzo(k)Fluoranthene	1	146	URS GAC	See PAHs	UK DWS (2000)
Bis(2-Chloroethoxy)Methane	1	NV	No Criterion	NV	No Criterion
Bis(2-Chloroethyl)Ether	1	0.0102	USEPA Region 9 (pathway specific)	0.0102	USEPA Region 9 (pathway specific)
Bis(2-Ethylhexyl)Phthalate	1	8.00	WHO DWG	8.00	WHO DWG
Boron	10	1000	UK DWS (2000)	1000	URS GAC
Bromobenzene	1	20.3	USEPA Region 9 (pathway specific)	20.3	USEPA Region 9 (pathway specific)
Bromochloromethane	1	NV	No Criterion	NV	No Criterion
Bromodichloromethane	1	NV	See note (i)	NV	See note (i)
Bromoform	1	NV	See note (i)	NV	See note (i)
Bromomethane	1	8.66	USEPA Region 9 (pathway specific)	8.66	USEPA Region 9 (pathway specific)
Butylbenzylphthalate	1	7300	USEPA Region 9 (pathway specific)	7300	USEPA Region 9 (pathway specific)
Cadmium	0.4	5.00	UK DWS (2000)	5.00	URS GAC
Carbazole	1	3.36	USEPA Region 9 (pathway specific)	3.36	USEPA Region 9 (pathway specific)
Carbon Disulfide	1	1040	USEPA Region 9 (pathway specific)	1040	USEPA Region 9 (pathway specific)
Carbon Tetrachloride	1	3.00	UK DWS (2000)	3.00	UK Marine/Estuarine EQS Surface Waters
Chlorobenzene	1	NV	No Criterion	NV	No Criterion
Chloroethane	1	4.64	USEPA Region 9 (pathway specific)	4.64	USEPA Region 9 (pathway specific)
Chloroform	1	NV	See note (i)	NV	See note (i)
Chloromethane	1	158	USEPA Region 9 (pathway specific)	158	USEPA Region 9 (pathway specific)
Chromium	1	50.0	UK DWS (2000)	50.0	URS GAC
Chrysene	1	3510	URS GAC	9.21	USEPA Region 9 (pathway specific)
Cis-1,2-Dichloroethene	1	2090	URS GAC	60.8	USEPA Region 9 (pathway specific)
Cis-1,3-Dichloropropene	1	NV	No Criterion	NV	No Criterion
Copper	1	2000	UK DWS (2000)	2000	URS GAC
Cyanide (total)	50	NV	No Criterion	NV	No Criterion
Dibenz(a,h)Anthracene	1	1720	URS GAC	0.00921	URS GAC
Dibenzofuran	1	12.2	USEPA Region 9 (pathway specific)	12.2	USEPA Region 9 (pathway specific)
Dibromochloromethane	1	NV	See note (i)	NV	See note (i)
Dibromomethane	1	60.8	USEPA Region 9 (pathway specific)	60.8	USEPA Region 9 (pathway specific)
Dichlorodifluoromethane	1	395	USEPA Region 9 (pathway specific)	395	USEPA Region 9 (pathway specific)
Dichloromethane	1	21100	URS GAC	20.0	WHO DWG
Diethylphthalate	1	29200	USEPA Region 9 (pathway specific)	29200	USEPA Region 9 (pathway specific)
Dimethylphthalate	1	365000	USEPA Region 9 (pathway specific)	365000	USEPA Region 9 (pathway specific)
Di-N-Butylphthalate	1	NV	No Criterion	NV	No Criterion
Di-N-Octylphthalate	1	1460	USEPA Region 9 (pathway specific)	1460	USEPA Region 9 (pathway specific)
Electrical Conductivity	0.014	NV	No Criterion	NV	No Criterion
Ethylbenzene	10	15900	URS GAC	300	WHO DWG
Fluoranthene	1	10200	URS GAC	0.200	UK DWS (2000)
Fluorene	1	65500	URS GAC	243	USEPA Region 9 (pathway specific)

TABLE 2E- Stage 2 Human Health & Controlled Waters Generic Assessment Criteria (GAC) for Screening of Groundwater
Plot B

Hexachlorobenzene	1	1.00	WHO DWG	1.00	URS GAC
Hexachlorobutadiene	1	0.600	WHO DWG	0.600	UK Marine/Estuarine EQS Surface Waters
Hexachlorocyclopentadiene	1	219	USEPA Region 9 (pathway specific)	219	USEPA Region 9 (pathway specific)
Hexachloroethane	1	4.80	USEPA Region 9 (pathway specific)	4.80	USEPA Region 9 (pathway specific)
Indeno(1,2,3-cd)Pyrene	1	0.322	URS GAC	NV	see PAHs
Isophorone	1	70.8	USEPA Region 9 (pathway specific)	70.8	USEPA Region 9 (pathway specific)
Isopropylbenzene	1	658	USEPA Region 9 (pathway specific)	658	USEPA Region 9 (pathway specific)
Lead	1	25.0	UK DWS (2000)	25.0	UK Marine/Estuarine EQS Surface Waters
MBAS (Anionic Surfactant)		NV	No Criterion	Nv	No Criterion
Mercury	0.05	10.9	USEPA Region 9 (pathway specific)	10.9	URS GAC
Methyl T-Butyl Ether	1	511000	URS GAC	11.0	USEPA Region 9 (pathway specific)
Naphthalene	1	1590	URS GAC	6.20	URS GAC
Nickel	1	20.0	UK DWS (2000)	20.0	URS GAC
Nitrate	300	50000	UK DWS (2000)	50000	UK DWS (2000)
Nitrobenzene	1	3.40	USEPA Region 9 (pathway specific)	3.40	USEPA Region 9 (pathway specific)
N-Butylbenzene	1	243	USEPA Region 9 (pathway specific)	243	USEPA Region 9 (pathway specific)
N-Nitroso-Di-N-Propylamine	1	0.00960	USEPA Region 9 (pathway specific)	0.00960	USEPA Region 9 (pathway specific)
Pentachlorophenol	1	9.00	WHO DWG	9.00	URS GAC
Phenanthrene	1	24800	URS GAC	10.00	UK DWS (2000)
Phenol	1	317000000	URS GAC	0.500	URS GAC
Phosphate	80	NV	No Criterion	NV	No Criterion
P-Isopropyltoluene	1	NV	No Criterion	NV	No Criterion
Ph	1	9.50	URS GAC	9.50	URS GAC
Phenols (total)	10	NV	No Criterion	NV	No Criterion
Propylbenzene	1	243	URS GAC	243	URS GAC
Pyrene	1	15000	URS GAC	183	USEPA Region 9 (pathway specific)
Sec-Butylbenzene	1	243	URS GAC	NV	No Criterion
Selenium	1	10.00	UK DWS (2000)	10.00	UK DWS (2000)
Styrene	1	20.0	WHO DWG	20.0	URS GAC
Sulphate Soluble	3000	NV	No Criterion	NV	No Criterion
Tert-Butylbenzene	1	243	USEPA Region 9 (pathway specific)	243	USEPA Region 9 (pathway specific)
Tetrachloroethene	1	1460	URS GAC	NV	See note (ii)
Toluene	10	5260	URS GAC	700	URS GAC
Thiocyanate	50	NV	No Criterion	NV	No Criterion
Total Organic Nitrogen		NV	No Criterion	NV	No Criterion
Trans-1,2-Dichloroethene	1	122	USEPA Region 9 (pathway specific)	122	USEPA Region 9 (pathway specific)
Trans-1,3-Dichloropropene	1	NV	No Criterion	NV	No Criterion
Trichloroethene	1	258	URS GAC	NV	See note (ii)
Trichlorofluoromethane	1	1290	USEPA Region 9 (pathway specific)	1290	USEPA Region 9 (pathway specific)
Vinyl Chloride	1	3.81	URS GAC	0.500	UK DWS (2000)
Zinc	3	3000	WHO DWG	3000	URS GAC
M,P-Xylene	10	NV	See Xylenes	NV	See Xylenes
O-Xylene	10	NV	See Xylenes	NV	See Xylenes
Sum Xylenes	10	5400	URS GAC	500	URS GAC
TPH >EC5-EC6 Aliphatic	10	2190	URS GAC	10.00	URS GAC
TPH >EC6-EC8 Aliphatic	10	1550	URS GAC	10.00	UK DWS (2000)
TPH >EC8-EC10 Aliphatic	10	58.9	URS GAC	10.00	UK DWS (2000)
TPH >EC10-EC12 Aliphatic	10	43.2	URS GAC	10.00	UK DWS (2000)
TPH >EC12-EC16 Aliphatic	10	1.76	URS GAC	10.00	UK DWS (2000)
TPH >EC16-EC21 Aliphatic	10	0.00669	URS GAC	10.00	UK DWS (2000)
TPH >EC21-EC35 Aliphatic	10	10.00	UK DWS (2000)	10.00	UK DWS (2000)
Total Aliphatics (C5-C35)	10	NV	See individual fractions	NV	See individual fractions
TPH >EC6-EC7 Aromatic	10	7540	URS GAC	10.00	URS GAC
TPH >EC7-EC8 Aromatic	10	6290	URS GAC	10.00	UK DWS (2000)
TPH >EC8-EC10 Aromatic	10	1950	URS GAC	10.00	UK DWS (2000)
TPH >EC10-EC12 Aromatic	10	7320	URS GAC	10.00	UK DWS (2000)
TPH >EC12-EC16 Aromatic	10	13000	URS GAC	10.00	UK DWS (2000)
TPH >EC16-EC21 Aromatic	10	1770	URS GAC	10.00	UK DWS (2000)
TPH >EC21-EC35 Aromatic	10	29.0	URS GAC	10.00	UK DWS (2000)
Total Aromatics (C6-C35)	10	NV	See individual fractions	NV	See individual fractions
Tph (Sum Aliphatics&Aromatics	10	NV	See individual fractions	NV	See individual fractions
Pro C4-C12	10	NV	No Criterion	NV	No Criterion

Key:
NV: No value available
URS GAC- URS Generic Assessment Criteria
USEPA Region 9 PRG- United States Environment Protection Agency Region 9 Preliminary Remediation Goal
WHO DWG - World Health Organisation Drinking Water Guidelines
UK DWS (2000) - United Kingdom Drinking Water Standards

Note:
Acute value used to assess Cyanides
Sum of m,p,o- xylene compared against criteria
Phenols assessed against the value for 2,6-dimthylphenol

Note (i)	The specified compounds are: chloroform, bromoform, dibromochloromethane, bromodichloromethane. The parametric value, 100µg/l, applies to the sum of the concentrations of individual compounds detected and quantified in the monitoring process.
Note (ii)	The parametric value, 10µg/l, applies to the sum of the concentrations of the individual compounds Tetrachloroethene (Tetrachloroethylene) (PCE) and Trichloroethene (Trichloroethylene) (TCE), detected and quantified in the monitoring process.

TABLE 3 - SUMMARY OF FIELD OBSERVATIONS

Location	Surface	Made Ground (MG)				Natural Ground (Drift)					Bedrock			Groundwater				Potentially permeable units	Potential source contamination
	Description	Thickness (m)	Description	Man-Made components	Potential Contamination	Thickness (m)	Description (first layer)	Description (second layer)	Description (third layer)	Potential Contamination	Depth (mbgl)	Description	Potential Contamination	Depth (mbgl)	Description	Continuity	Potential Contamination		
TP651B	Concrete	> 1.5	0.2m concrete 0.3m hardcore 0.6m black clay sand & gravel 0.4m soft brown and black mottled sand	Bricks, concrete & plastic	Strong HC odour in MG	Not observed	Thick concrete at 1.5m. Water in pit prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	0.6 (drain)	Water ran into pit through old drain	Unlikely	NVO	MG (high)	In situ
TP652B	Concrete & rebar	> 2.0	0.6m concrete 0.9m soft black and brown mottled clay 0.5m soft orange brown silt	Concrete & bricks	NVO	Not observed	Thick concrete at 2.0m greater than 4 * 4m area	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (low)	NVO
TP653B	Concrete & rebar	1.6	1.6m concrete & rebar	Concrete	NVO	0	No drift present. MG directly overlies bedrock	Not observed	Not observed	na	1.6	Weathered friable yellow brown sandstone, becoming solid and well bedded with depth	PID 11.0ppm at 2.3m, moderate chemcial odour & black staining	Not observed	Not observed	Not observed	na	Bedrock (low)	Ex situ
TP654B	Sand & Gravel	> 2.0	2.0m loose brown sand & gravel	Bricks, concrete, wood, wires, plastic, corrugated iron, hardcore, clay & pipes	PID 90.1ppm at 2.0m, strong chemical odour	Not observed	Thick concrete at 2.0m prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	0.9	Pit filled with water	Potentially (perched groundwater)	Strong chemcial odour	MG (high)	In situ / perched groundwater
TP655B	Concrete	0.4	0.15m concrete 0.35 brown gravel	Not observed	NVO	> 3.2	1.2m firm red silt w occ gravel	0.9m soft yellow brown clay w cobbles & boulders	> 1.1m loose yellow sand & gravel	Odour of docks in clay	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (med) & drift (med/high)	NVO
TP656B	Concrete	> 2.5	0.3m concrete 0.4m black sand 0.7m grey sand & gravel 1.1m brown sand	Bricks, pipes, metal, plastic, ceramics, tubes	PID 38.2ppm at 1.0m & 14.1ppm at 2.3m	Not observed	Thick concrete at 2.5m prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high)	In situ
TP657B	Concrete & rebar	1.4	0.2m concrete 0.6m hardcore 0.6m soft red brown silt w occ gravel	Not observed	NVO	> 2.6	0.8m firm red brown silt w occ gravel & cobbles & sand lenses	1.2m firm brown mottled silt w occ gravel & lenses of sand & silt	> 0.6m firm friable brown silt w occ gravel of siltstone	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	NVO
TP658B	Concrete & rebar	1.8	0.2m concrete 0.2m hardcore 0.6m soft brown and black mottled silt 0.8m soft black silt	Concrete	NVO	0	No drift present. MG directly overlies bedrock	Not observed	Not observed	na	1.8	Pinky grey fine to medium crystalline limestone	NVO	Not observed	Not observed	Not observed	na	MG (med) & bedrock (med)	NVO
TP659B	Concrete & rebar	> 1.2	0.3m concrete 0.3m hardcore 0.6m black silt & sand & clinker	Clinker, bricks, wires & fabric	PID >1000ppm at 1.0m, strong chemical odour, tarry, contains clinker	Not observed	Concrete at 1.2m. Water in pit prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	1.0	Pit rapidly filled with water	Potentially (perched groundwater)	Oily sheen on surface	MG (high)	In situ / perched groundwater
TP660B	Concrete	> 2.8	0.3m concrete, 0.2m hardcore, 2.3m sandy hardcore gravel & bricks	Bricks	PID 597ppm at 1.5m, chemical odour	Not observed	Water in pit prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	1.0	Pit rapidly filled with water	Potentially (perched groundwater)	Diesel on surface	MG (high)	In situ / perched groundwater
TP661B	Grass & hardcore	0.9	0.4m grass & hardcore 0.5m soft friable sandy silt w gravel & cobbles	Not observed	PID 51.6ppm at 0.4m	> 0.9	0.5m soft, brown, peaty silt	> 0.4m soft, mottled brown and black sand	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med/high)	In situ
TP662B	Concrete & rebar	> 1.4	0.25m concrete & rebar 0.35 grey brown sand w gravel & cobbles, 0.8m soft orange brown silt w occ sand lenses	Concrete, bricks & broken pipe	PID 145ppm at 0.5m, faint/moderate chemical odour, black oil leaking from broken pipe	Not observed	Excavation stopped at 1.4m to prevent oil leaking into other strata	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high)	In situ and ex situ
TP663B	Concrete & rebar	0.7	0.15m concrete, 0.35 hardcore, 0.2m concrete & rebar	Concrete	NVO	> 1.7	0.9m soft red brown silt w occ gravel & cobbles	> 0.8m soft black and brown mottled silt and sand	Not observed	NVO	Not observed	Not observed	na	1.6 (sand layer)	Water steamed into pit through silt & sand layer	within sand layer only	NVO	MG (med) & drift (med/high)	NVO
TP664B	Topsoil	> 3.1	1.1m topsoil w gravel, 0.5m concrete & 1.5m firm red silt w occ gravel & brick. 0.5m thick lens of black silt w clinker & fibres at 2.0m	Brick, concrete, plastic, pipes, old drum lid	PID 36.9ppm at 2.0m, strong chemical odour, clinker & fibres sources	Not observed	Hard surface at 3.1m. Pit filling with water prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	2.0 (silt lens)	Water present in silt lens	Within silt lens only	Strong chemcial odour	MG (high)	Ex situ
TP665B	Concrete	1.2	0.15m concrete, 0.55m hardcore, 0.5m black silt sand & gravel w occ cobbles	Fibres & tar	PID 165ppm at 0.9m, strong chemical odour, tarry	> 0.9	Firm red silt w occ gravel & cobbles	Not observed	Not observed	PID 132ppm at 1.3m, black tarry lenses at top of drift	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	In situ and/or ex situ
TP666B	Concrete	0.7	0.3m concrete, 0.4m hardcore	Not observed	NVO	0.9	0.2m black silt	0.7m soft to firm red brown silt w occ gravel & cobbles	Not observed	PID 42.6ppm at 0.7m & 32.3 ppm at 1.5m, moderate chemical odour	1.6	Firm friable red brown siltstone w occ gravel & sand lenses (0.9m) & yellow sandstone w weathered surface	PID 76.9ppm at 2.2m, 867ppm at 2.5m & 430ppm at 3.5m, moderate to strong chemical odour	Not observed	Not observed	Not observed	na	MG (high), drift (med) & bedrock (med)	Ex situ
TP667B	Concrete	> 2.2	0.3m concrete, 0.3m hardcore, 0.2m gravel, 0.2m clay, 1.7m silt w clinker, 0.6m sludgey silt	Bricks & clinker	Chemical odour at 0.9m & phenol odour at 1.3m, contains clinker	Not observed	Concrete at 2.2m. Sludge in pit prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	1.7	Sludge filled pit at 1.7m	Within sludge layer only	NVO	MG (high)	In situ
TP668B	Concrete	1.2	0.3m concrete, 0.5m hardcore, 0.4m silt w clinker	Clinker	PID 209ppm at 1.0m, strong chemical odour, contains clinker	> 2.9	1.8m firm, red brown silt w gravel & cobbles	> 1.1m soft mottled light & dark brown silt	Not observed	PID 121ppm at 2.5m & 57.1ppm at 3.9m, isolated patches black staining and oily sheen	Not observed	Not observed	na	4.1	Water seeping in at base of pit	Potentially (natural groundwater)	Oily sheen on surface	MG (high) & drift (med)	In situ and/or ex situ
TP669B	Concrete	2.3	0.15m concrete, 0.35m hardcore, 0.3m soft black silt w clinker, 1.5m firm red brown clay w concrete & sand lenses	Bricks, concrete & clinker	PID >1000ppm at 0.5m, strong chemical odour, contains clinker	0	No drift present. MG directly overlies bedrock	Not observed	Not observed	na	2.3	Hard, well cemented sandstone	na	Not observed	Not observed	Not observed	na	MG (med) & bedrock (med)	In situ and/or ex situ
TP670B	Concrete & rebar	0.7	0.2m concrete & rebar, 0.5m hardcore	Old pipes & drains	NVO	2.4	1.5m firm, red brown silt w gravel & cobbles	0.9m soft, dark brown silt & sand w gravel cobbles & boulders	Not observed	Rare pockets of wet black staining	3.1	Sandstone	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	Ex situ
TP671B	Concrete & rebar	0.4	0.2m concrete & rebar, 0.2m hardcore	Not observed	NVO	2.7	1.8m friable red silt w gravel & cobbles	0.9m soft dark brown & red brown mottled silt	Not observed	PID >1000ppm at 1.5m, 562ppm at 2.2m, black staining 0.4 - 0.6m, moderate chemical odour	3.1	Thickly bedded yellow fine grained sandstone w soft black brown silt between beds	PID 224ppm at 4.0m	Not observed	Not observed	Not observed	na	MG (med), drift (med) & bedrock (med)	Ex situ
TP672B	Concrete & rebar	3.0	0.2m concrete & rebar, 0.2m hardcore, 1.5m red brown silt w gravel, 0.8m soft yellow silt & fined sand, >0.3m loose black sand & gravel w clinker & clay	Clinker	Black staining, strong HC odour, contains clinker	0	No drift present. MG directly overlies bedrock	Not observed	Not observed	na	3.0	Thinly bedded yellow sandstone	PID 58.8ppm at 3.5m, strong HC odour	3.2	Water seeping through black silt layer	within silt layer only	Strong HC odour	MG (med/high) & bedrock (med)	In situ and/or ex situ
TP673B	Grass & hardcore	0.5	0.5m hardcore gravel w roots & sand	Not observed	NVO	2.6	1.6m soft black brown silt w occ gravel & cobbles	1.0m soft, black & brown mottled silt w sands lenses & occ gravel	Not observed	PID 81.7ppm at 2.5m, oily sheen on cobbles, moderate HC odour	3.1	Sandstone	na	Not observed	Not observed	Not observed	na	MG (high), drift (med) & bedrock (med)	Ex situ
TP674B	Grass & hardcore	0.8	0.3m hardcore, 0.2m soft black silt, 0.3m soft black silt w cobbles, boulders & concrete	Concrete	PID 479ppm at 0.8m	3.2	0.8m soft dark brown silt & sand	1.1m soft to firm red brown silt w occ sands lenses, gravel & cobbles	1.4m very soft yellow black & brown silt & sand w occ gravel	PID 705ppm at 1.6m & 128ppm at 3.0m, black lenses of moderate HC/chemical odour	4.0	Sandstone	na	Not observed	Not observed	Not observed	na	MG (high) & drift (high)	In situ and/or ex situ
TP675B	Grass & hardcore	> 2.3	0.3m hardcore, 2.0m black gravel	Brick, wood, rubble, pipes, fabric, clinker, glass	PID 53.7ppm at 2.3m, oily sheen, contains clinker	Not observed	Water in pit prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	1.0	Pit rapidly filled with water	Potentially (perched groundwater)	Black, oily sheen	MG (high)	In situ / perched groundwater
TP676B	Topsoil	1.1	0.2m topsoil, 0.2m black shiny clinker, 0.7m black silt & sand w gravel & cobbles	Clinker, bricks	Contains clinker	2.0	0.9m soft dark brown sandy silt w boulders	1.1m dark brown coarse sand w gravel & cobbles	Not observed	NVO	3.1	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med/high)	In situ
TP677B	Topsoil	3.2	0.2m topsoil, 3.0m loose black sandy topsoil w gravel,	Brick, wood, concrete, wires, tiles, metal, clinker	PID 33.3ppm at 1.6m, oily sheen, faint HC odour, contains clinker	0	No drift present. MG directly overlies bedrock	Not observed	Not observed	na	3.2	Yellow sandstone	na	Not observed	Not observed	Not observed	na	MG (high)	In situ
TP678B	Topsoil	1.3	0.1m topsoil, 0.3m hardcore, 0.9m loose sand & gravel w silt & cobbles	Small cable, bricks, tiles	NVO	2.5	0.7m firm red brown silt w sand lenses & occ gravel	1.6m soft black silt w occ orange mottling	0.2m soft yellow silt w cobbles yellow sandstone (weathered layer)	NVO	3.8	Hard yellow sandstone	NVO	Not observed	Not observed	Not observed	na	MG (high), drift (med) & bedrock (med)	NVO
TP679B	Topsoil	> 2.5	0.4m topsoil, 0.1m laminated black silt (ash), 0.7m dark brown silt sand & gravel w cobbles, 1.3m very loose dark brown coarse sand & gravel w many cobbles & boulders	Ash, bricks, pipes, wires & plastic	Contains ash	Not observed	Very unstable pit prone to collapse prevented further excavation	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high)	In situ
TP680B	Concrete	2.0	0.3m concrete, 0.4m red brown sandy gravel, 1.3m yellow brown sandy clay w cobbles	Bricks & concrete	NVO	> 0.45	> 0.45m soft grey brown silty clay	Not observed	Not observed	Black staining at 2.0m, slight HC odour	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (med) & drift (low)	Ex situ
WS551B	Hardcore	0.8	0.8m hardcore	Not observed	PID 22ppm at 0.55m	> 1.6	Soft, red purple silt. Refusal on large rock fragments at 2.2m	Not observed	Not observed	NVO	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high) & drift (med)	In situ and/or ex situ
WS552B	Hardcore	2.0	2.0m hardcore	Not observed	NVO	> 2.4	> 2.4m red brown silt. Refusal at 4.4m	Not observed	Not observed	NVO	Not observed	Not observed	na	3.129	Groundwater encountered during dipping round	Potentially (natural groundwater)	Oily sheen on surface	MG (high) & drift (med)	Ex situ
WS553B	Hardcore	> 2.7	0.4m hardcore, 2.3m black stained ash and fine sand fill	Ash	PID 348ppm at 2.5m, black staining throughout MG & strong odour at 2.5m	Not observed	Refusal on concrete foundations at 2.7m	Not observed	Not observed	na	Not observed	Not observed	na	2.5	Oil encountered during dipping round	Potentially	Oily sheen, moderate odour	MG (high)	In situ
WS554B	Grass & hardcore	> 0.8	0.2m grass & topsoil, 0.3m concrete boulders, 0.3m dense fine gravel w ash & clinker	Ash & clinker	Moderate sulphurous odour, contains clinker	Not observed	Refusal on concrete boulder at 0.8m	Not observed	Not observed	na	Not observed	Not observed	na	Not observed	Not observed	Not observed	na	MG (high)	In situ
WS555B	Hardcore	2.1	2.1m sandy fine gravel	Wood & brick	NVO	3.1	3.1m soft to firm red brown silt	Not observed	Not observed	Strong odour	5.2	Grey white weathered limestone as coarse gravel	Strong odour	Not observed	Not observed	Not observed	na	MG (high), drift (med) & bedrock (high)	Ex situ

For more detail see logs

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

TABLE 4A - CONCENTRATIONS OF METALS IN SOILS

Sample Location			**TP651B**	**TP653B**	**TP654B**	**TP655B**	**TP656B**	**TP658B**	**TP659B**	**TP660B**	**TP661B**	**TP662B**	**TP665B**	**TP666B**	**TP668B**	**TP670B**	**TP672B**	**TP674B**	**TP675B**
Depth			**1.3**	**2.3**	**2.0**	**2.3**	**2.3**	**1.6**	**1.0**	**1.5**	**0.9**	**0.5**	**0.9**	**3.5**	**2.5**	**2.0**	**3.5**	**3.0**	**2.0**
Geology			Made Ground	Sandstone	Made Ground	Clay	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Sandstone	Silt	Silt	Made Ground	Silt & Sand	Made Ground
Target Compound	***MDL***	***MRL***																	
Arsenic	1	1	7	5	26	<1	26	<1	5	42	14	11	86	10	8	9	2	15	14
Barium	2	2	109	365	38	563	985	1538	5	67	248	466	378	997	158	70	447	1335	176
Beryllium	1	1	<1	<1	1	2	<1	4	<1	<1	<1	<1	1	<1	<1	1	<1	2	<1
Boron	1	1	<1	<1	2	1	<1	2	<1	1	1	<1	<1	3	<1	<1	1	3	8
Cadmium	1	1	<1	<1	2	<1	<1	9	<1	<1	<1	1	2	<1	<1	<1	<1	<1	<1
Chromium	1	1	12	16	12	23	47	31	1	16	13	20	8	21	22	17	15	20	16
Copper	1	1	13	14	60	7	66	<1	3	107	14	29	269	8	12	10	<1	<1	25
Lead	1	1	32	24	104	36	117	45	102	559	21	69	471	20	17	18	48	26	47
Mercury (inorganic compounds)	1.2	1.2	<1.2	<1.2	4.4	<1.2	<1.2	<1.2	1.3	518	<1.2	<1.2	1.9	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2
Nickel	1	1	12	11	30	69	65	90	3	11	13	22	13	44	17	11	12	119	13
Selenium	3	3	<3	<3	<3	<3	<3	40	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3
Vanadium	1	1	16	12	22	26	46	34	<1	30	20	25	11	19	17	22	14	30	23
Zinc	1	1	48	40	416	169	250	133	74	327	46	192	172	62	36	35	53	186	184

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

Sample Location			TP651B	TP653B	TP654B	TP655B	TP656B	TP657B	TP658B	TP658B	TP659B	TP660B	TP661B	TP662B	TP666B	TP668B	TP668B	TP672B	TP674B	TP675B
Depth			1.3	2.3	2.0	2.3	2.3	4.0	0.7	1.6	1.0	1.5	0.9	0.5	3.5	2.5	3.9	3.5	3.0	2.0
Geology			Made Ground	Sandstone	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Sandstone	Silt	Silt	Made Ground	Silt & Sand	Made Ground
Target Compound	*MDL*	*MRL*																		
Leachable Arsenic	1	1	8	6	4	<1	<1	<1	1	<1	3	4	<1	9	13	5	3	<1	<1	2
Leachable Barium	1	1	29	43	6	160	110	86	66	38	35	66	35	13	398	16	8	188	159	18
Leachable Beryllium	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Leachable Boron	10	10	30	46	64	107	<10	37	50	36	<10	32	<10	20	143	32	282	15	17	21
Leachable Cadmium	0.4	0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	0.5	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
Leachable Chromium	1	1	1	1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	2	1	2	1	<1	2
Leachable Copper	1	1	3	45	36	1	78	4	<1	<1	<1	<1	<1	12	31	7	12	<1	<1	3
Leachable Lead	1	1	1	<1	41	<1	<1	3	<1	2	<1	<1	<1	<1	2	3	4	<1	<1	47
Leachable Mercury	0.05	0.05	<0.05	<0.05	0.76	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.09	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Leachable Nickel	1	1	9	9	100	5	1	50	1	13	23	20	1	3	40	6	30	5	4	139
Leachable Selenium	1	1	<1	1	2	<1	<1	1	3	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1
Leachable Vanadium	1	1	11	5	5	<1	<1	<1	<1	<1	<1	<1	<1	24	2	2	2	1	<1	38
Leachable Zinc	3	3	4	11	318	9	<3	12	10	11	332	5	<3	<3	9	5	5	<3	5	58

MDL = method detection limit
MRL = method reporting limit
All concentrations reported in µg/l

TABLE 4C - CONCENTRATIONS OF METALS IN GROUNDWATER

Sample Location			**TRIP BLANK**	**WS552B**
Target Compound	***MDL***	***MRL***	Trip Blank	Sample
Arsenic	1	1	<1	8
Boron	10	10	13	301
Cadmium	0.4	0.4	<0.4	<0.4
Chromium	1	1	<1	<1
Copper	1	1	<1	<1
Lead	1	1	<1	<1
Mercury	0.05	0.05	<0.05	<0.05
Nickel	1	1	<1	162
Selenium	1	1	<1	<1
Zinc	3	3	<3	11

MDL = method detection limit
MRL = method reporting limit
All concentrations reported in µg/l

TABLE 5A - MISCELLANOUS CONCENTRATIONS IN SOIL

Sample Location			**TP651B**	**TP651B**	**TP652B**	**TP652B**	**TP653B**	**TP654B**	**TP655B**	**TP655B**	**TP656B**	**TP656B**	**TP657B**	**TP657B**	**TP657B**	**TP658B**	**TP658B**	**TP659B**	**TP660B**	**TP661B**	**TP661B**	**TP661B**	**TP662B**	**TP662B**
Depth			**0.7**	**1.3**	**0.8**	**1.5**	**2.3**	**2.0**	**0.6**	**2.3**	**1.0**	**2.3**	**0.8**	**2.8**	**4.0**	**0.7**	**1.6**	**1.0**	**1.5**	**0.4**	**0.9**	**1.8**	**0.5**	**1.4**
Geology			Made Ground	Made Ground	Made Ground	Made Ground	Sandstone	Made Ground	Silt	Clay	Made Ground	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Sand	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	-	<5.5	-	24.0	-	26.5	505.3	-	9.2	-	<5.5	-
Anionic Surfactant	0.5	NV	63.0	-	-	NDP	4.6	NDP	-	<0.5	-	<0.5	-	<0.5	-	-	<0.5	<0.5	<0.5	-	-	1.5	180.0	-
Nitrate Soluble	1	1	1	-	94	-	<1	<1	13	-	-	5	-	10	-	16	-	<1	<1	-	4	-	<1	-
Particle Size Distribution	NV	NV	-	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-	-
pH	1.00	1.00	8.52	8.28	8.24	8.37	9.35	8.07	7.66	7.15	9.34	8.27	7.64	7.38	-	5.14	5.69	6.54	7.54	8.97	-	5.85	8.44	7.50
Phosphate Soluble	1	1	<1	6	<1	<1	<1	4	<1	<1	2	<1	<1	<1	-	<1	17	<1	4	-	<1	<1	<1	-
Pipette Sedimentation	NV	NV	-	-	-	-	-	-	-	-	-	-	-	-	N/A	-	-	-	-	-	-	-	-	-
Sulphide Acid Soluble	50	50	-	155	-	-	-	-	-	-	-	-	-	<50	-	-	-	69	-	-	-	-	-	<50
Thiocyanate	1	1	-	1	-	-	-	-	-	1	-	-	-	<1	-	-	<1	1	317	-	<1	-	<1	-
Total Cyanide	1	1	-	<1	-	-	-	-	-	12	-	-	-	<1	-	-	<1	55	4,230	-	<1	-	<1	-
Total Organic Carbon	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	1.54	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	1.0	NV	<1	-	47.8	-	0.1	-	2.8	-	-	<1	-	1.2	-	2.4	-	<1	1.4	-	-	NDP	<1	-
Total Oxidised Nitrogen As N	1	1	-	-	-	-	-	<1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Sulphate	100	100	-	449	-	-	-	-	-	872	-	-	-	1,971	-	1,066	-	474	4,695	4,627	-	-	-	430
Total Sulphur	0.01	0.01	-	0.08	-	-	-	-	-	-	-	-	-	0.05	-	-	-	U/S	-	-	-	-	-	<0.01

MDL = method detection limit
MRL = method reporting limit
NDP = no detection possible
NV = no value
"-" = not analysed
All concentrations reported in mg/kg

TABLE 5A - MISCELLANOUS CONCENTRATIONS IN SOIL

Sample Location			TP663B	TP663B	TP664B	TP664B	TP665B	TP665B	TP665B	TP666B	TP666B	TP666B	TP667B	TP667B	TP668B	TP668B	TP669B	TP669B	TP670B	TP670B	TP671B	TP671B	TP672B	TP672B	TP673B	TP673B	TP674B
Depth			**1.5**	**1.9**	**2.0**	**3.0**	**0.9**	**1.3**	**2.0**	**2.2**	**2.5**	**3.5**	**1.3**	**2.2**	**1.0**	**2.5**	**0.5**	**2.1**	**2.0**	**2.9**	**2.2**	**4.0**	**1.9**	**3.5**	**1.2**	**2.5**	**1.6**
Geology			Silt	Silt & Sand	Silt	Silt	Made Ground	Silt	Silt	Siltstone	Sand	Sandstone	Made Ground	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Silt	Silt & Sand	Silt	Sandstone	Made Ground	Made Ground	Silt	Silt	Silt & Sand
Target Compound	***MDL***	***MRL***																									
Ammoniacal Nitrogen	5.5	5.5	36.7	-	1,063.5	-	420.0	-	-	95.6	-	-	9.4	-	180.2	-	-	<5.5	137.7	-	115.1	-	<5.5	-	40.2	-	-
Anionic Surfactant	0.5	NV	<0.5	-	<0.5	-	1.9	-	-	<0.5	-	-	-	NDP	NDP	-	63.0	-	NDP	-	<0.5	-	<0.5	-	-	37.0	-
Nitrate Soluble	1	1	<1	-	2	-	2	-	-	1	-	-	<1	-	<1	-	-	220	-	<1	235	-	130	-	<1	-	-
Particle Size Distribution	NV	NV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	1.00	1.00	6.90	8.08	7.26	7.89	9.49	7.32	5.40	6.14	7.64	7.67	9.78	10.21	8.39	8.56	7.74	7.56	7.96	8.58	6.81	7.49	6.75	8.10	7.65	7.88	7.50
Phosphate Soluble	1	1	<1	-	<1	<1	<1	<1	-	<1	<1	<1	5	18	<1	4	<1	<1	<1	<1	-	<1	<1	<1	<1	<1	<1
Pipette Sedimentation	NV	NV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphide Acid Soluble	50	50	<50	-	-	-	-	-	-	-	-	-	-	-	-	<50	-	-	<50	-	-	-	-	-	-	-	-
Thiocyanate	1	1	<1	-	-	-	8	-	-	-	-	<1	-	-	-	<1	-	-	<1	-	<1	-	-	-	-	-	-
Total Cyanide	1	1	<1	-	-	-	6	-	-	-	-	<1	-	-	-	<1	-	-	<1	-	<1	-	-	-	-	-	-
Total Organic Carbon	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	1.0	NV	0.0	-	0.4	-	0.6	-	-	1.1	-	-	5.1	-	0.1	-	-	23.3	-	1.3	19.4	-	6.7	-	0.1	-	-
Total Oxidised Nitrogen As N	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Sulphate	100	100	3,191	-	-	-	11,780	-	-	-	-	1,126	-	-	-	279	-	-	-	613	2,809	-	-	-	-	-	-
Total Sulphur	0.01	0.01	0.07	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	0.01	-	-	-	-	-	-	-	-

MDL = method detection limit
MRL = method reporting limit
NDP = no detection possible
NV = no value
"-" = not analysed
All concentrations reported in mg/kg

Sample Location			**TP674B**	**TP675B**	**TP676B**	**TP676B**	**TP677B**	**TP677B**	**TP678B**	**TP678B**	**TP679B**	**TP679B**	**TP680B**	**TP680B**	**TP680B**	**WS551 (B)**	**WS552 (B)**	**WS553 (B)**	**WS554 (B)**	**WS555 (B)**
Depth			**3.0**	**2.0**	**0.5**	**1.9**	**1.6**	**3.2**	**2.1**	**3.5**	**0.6**	**2.0**	**1.3**	**2.0**	**2.5**	**0.5**	**1.5**	**1.5**	**0.7**	**2.1**
Geology			Silt & Sand	Made Ground	Made Ground	Silt	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Made Ground	Clay	Clay	Made Ground	Made Ground	Made Ground	Made Ground	Silt
Target Compound	***MDL***	***MRL***																		
Ammoniacal Nitrogen	5.5	5.5	71.3	<5.5	<5.5	-	1,061.3	-	76.3	-	<5.5	-	-	-	10.2	-	-	-	-	-
Anionic Surfactant	0.5	NV	0.9	<0.5	-	0.9	-	0.8	-	<0.5	-	NDP	-	<0.5	-	-	-	4.7	<0.5	-
Nitrate Soluble	1	1	<1	1	-	6	9	-	26	-	2	-	-	-	3	5	39	<1	6	32
Particle Size Distribution	NV	NV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH	1.00	1.00	7.73	8.90	7.71	7.62	7.32	7.72	6.21	4.52	8.21	8.59	8.81	-	7.28	8.36	8.56	7.82	8.07	8.24
Phosphate Soluble	1	1	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	3	-	<1	<1	<1	4	<1	<1
Pipette Sedimentation	NV	NV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sulphide Acid Soluble	50	50	-	282	-	-	-	-	-	<50	-	-	<50	-	-	-	-	-	-	-
Thiocyanate	1	1	-	20	-	-	-	-	-	-	-	-	-	<1	-	<1	<1	<1	<1	<1
Total Cyanide	1	1	-	<1	-	-	-	-	-	-	-	-	-	<1	-	<1	<1	18	<1	<1
Total Organic Carbon	0.01	0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Organic Nitrogen	1.0	NV	0.2	<1	<1	-	1.9	-	14.8	-	<1	-	-	-	<1	<1	-	<1	-	-
Total Oxidised Nitrogen As N	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Sulphate	100	100	-	21,810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Sulphur	0.01	0.01	-	0.68	-	-	-	-	-	0.17	-	-	0.04	-	-	-	-	-	-	-

MDL = method detection limit
MRL = method reporting limit
NDP = no detection possible
NV = no value
"-" = not analysed
All concentrations reported in mg/kg

TABLE 5B - MISCELLANEOUS LEACHABLE CONCENTRATIONS

Sample Location			TP651B	TP651B	TP652B	TP652B	TP653B	TP654B	TP655B	TP655B	TP656B	TP656B	TP657B	TP657B	TP657B	TP658B	TP658B	TP659B	TP660B	TP661B	TP661B	TP661B	TP662B	TP662B	TP663B	TP663B	TP664B
Depth			0.7	1.3	0.8	1.5	2.3	2.0	0.6	2.3	1.0	2.3	0.8	2.8	4.0	0.7	1.6	1.0	1.5	0.4	0.9	1.8	0.5	1.4	1.5	1.9	2.0
Geology			Made Ground	Made Ground	Made Ground	Made Ground	Sandstone	Made Ground	Silt	Clay	Made Ground	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Sand	Made Ground	Made Ground	Silt	Silt & Sand	Silt
Target Compound	*MDL*	*MRL*																									
Leachable Ammoniacal Nitrogen	200	200	1,000	1,300	<200	<200	<200	500	300	800	<200	<200	<200	<200	<200	<200	<200	2,900	6,100	<200	<200	-	<200	900	<200	<200	23,900
Leachable Anionic Surfactant	50	NV	7,700	5,400	<50	60	330	390	<50	<50	60	90	<50	60	<50	140	100	<50	930	56,000	-	260	36,000	<50	170	1,900	80
Leachable Free Sulphur	50	50	<50	-	-	-	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	<50	-	-	-
Leachable Nitrate	300	300	<300	-	11,800	-	<300	<300	300	-	-	<300	-	<300	1,100	2,400	-	<300	<300	-	300	-	<300	-	<300	-	500
Leachable Ph	1.00	1.00	7.95	7.92	8.14	8.06	8.14	8.62	7.40	7.87	8.97	7.94	7.11	7.87	7.35	6.97	6.58	6.69	8.20	8.58	-	7.99	8.65	8.79	7.91	7.69	7.71
Leachable Phosphate (Ortho As Po4)	80	80	-	2,280	-	380	90	970	<80	<80	-	200	160	<80	<80	110	490	<80	880		<80	<80	230	-	<80	<80	740
Leachable Sulphate	3,000	3,000	-	21,000	-	-	-	-	-	17,000	-	-	-	57,000	18,000	33,000	-	29,000	56,000	5,000	-	-	-	10,000	100,000	-	-
Leachable Sulphide	500	500	-	<500	-	-	-	-	-	-	-	-	-	<500	-	-	-	-	-	-	-	-	-	<500	-	-	-
Leachable Thiocyanate	50	50	-	<50	-	-	-	-	-	<50	-	-	-	<50	<50	-	<50	70	800	-	<50	-	<50	-	<50	-	-
Leachable Total Cyanide	50	50	-	130	-	-	-	-	-	<50	-	-	-	<50	<50	-	60	<50	61,080	-	<50	-	<50	-	80	-	-
Leachable Total Organic Nitrogen	1,000	NV	1,800	2,500	<1000	<1000	<1000	-	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	<1000	1,600	4,500	1,200	-	<1000	1,200	<1000	<1000	<1000	<1000
Leachable Total Oxidised Nitrogen As N	300	300	-	-	-	-	-	<300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MDL = method detection limit
MRL = method reporting limit
NV = no value
"-" = not analysed
All concentrations reported in µg/l

TABLE 5B - MISCELLANEOUS LEACHABLE CONCENTRATIONS

Sample Location			TP664B	TP665B	TP665B	TP665B	TP666B	TP666B	TP666B	TP667B	TP667B	TP668B	TP668B	TP668B	TP669B	TP669B	TP670B	TP670B	TP671B	TP671B	TP672B	TP672B	TP673B	TP673B	TP674B	TP674B	TP675B	TP676B
Depth			3.0	0.9	1.3	2.0	2.2	2.5	3.5	1.3	2.2	1.0	2.5	3.9	0.5	2.1	2.0	2.9	2.2	4.0	1.9	3.5	1.2	2.5	1.6	3.0	2.0	0.5
Geology			Silt	Made Ground	Silt	Silt	Siltstone	Sand	Sandstone	Made Ground	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Silt	Silt & Sand	Silt	Sandstone	Made Ground	Made Ground	Silt	Silt	Silt & Sand	Silt & Sand	Made Ground	Made Ground
Target Compound	*MDL*	*MRL*																										
Leachable Ammoniacal Nitrogen	200	200	<200	530,000	35,300	39,200	9,900	3,800	2,600	300	800	7,100	2,500	2,300	3,500	200	1,200	8,700	3,200	1,000	200	1,200	1,900	1,100	2,600	6,100	600	<200
Leachable Anionic Surfactant	50	NV	2,000	<50	160	<50	120	410	13,000	170	4,000	1,900	<50	1,300	12,000	<50	<50	<50	<50	80	60	1,200	<50	2,900	90	260	140	<50
Leachable Free Sulphur	50	50	-	-	-	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<50
Leachable Nitrate	300	300	-	2,000	-	-	<300	-	-	<300	-	<300	-	400	-	11,900	-	-	10,700	-	10,700	-	900	-	-	-	300	-
Leachable Ph	1.00	1.00	7.88	4.53	8.21	7.38	7.09	7.96	8.13	9.31	10.03	8.18	7.93	9.46	8.11	7.25	7.20	8.14	6.76	8.00	7.13	7.72	7.92	7.60	7.62	7.82	8.15	8.23
Leachable Phosphate (Ortho As Po4)	80	80	-	<80	-	<80	<80	-	-	-	2,270	110	-	970	<80	-	<80	-	-	<80	<80	-	<80	-	-	<80	<80	110
Leachable Sulphate	3,000	3,000	-	-	-	-	-	-	3,000	-	-	-	11,000	18,000	-	-	-	-	45,000	-	-	-	-	-	-	-	1,585,000	-
Leachable Sulphide	500	500	-	-	-	-	-	-	-	-	-	-	<500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leachable Thiocyanate	50	50	-	-	-	-	-	-	<50	-	-	-	<50	<50	-	-	-	-	<50	-	-	-	-	-	-	-	<50	-
Leachable Total Cyanide	50	50	-	-	-	-	-	-	<50	-	-	-	<50	<50	-	-	-	-	<50	-	-	-	-	-	-	-	<50	-
Leachable Total Organic Nitrogen	1,000	NV	2,400	3,200,000	41,000	5,500	<1000	5,600	2,200	2,900	2,800	1,700	1,200	3,300	3,600	<1000	<1000	<1000	<1000	<1000	<1000	1,800	<1000	1,500	1,700	<1000	10,000	<1000
Leachable Total Oxidised Nitrogen As N	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MDL = method detection limit
MRL = method reporting limit
NV = no value
"-" = not analysed
All concentrations reported in µg/l

Sample Location			**TP676B**	**TP676B**	**TP677B**	**TP677B**	**TP678B**	**TP678B**	**TP679B**	**TP679B**	**TP680B**	**TP680B**	**TP680B**	**WS551 (B)**	**WS552 (B)**	**WS553 (B)**	**WS554 (B)**	**WS555 (B)**
Depth			**1.9**	**2.9**	**1.6**	**3.2**	**2.1**	**3.5**	**0.6**	**2.0**	**1.3**	**2.0**	**2.5**	**0.5**	**1.5**	**1.5**	**0.7**	**2.1**
Geology			Silt	Sand	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Made Ground	Clay	Clay	Made Ground	Made Ground	Made Ground	Made Ground	Silt
Target Compound	***MDL***	***MRL***																
Leachable Ammoniacal Nitrogen	200	200	<200	<200	177,300	<200	<200	800	<200	<200	<200	-	600	-	-	-	-	-
Leachable Anionic Surfactant	50	NV	<50	<50	400	<50	<50	<50	<50	<50	-	150	<50	-	-	NA	NA	-
Leachable Free Sulphur	50	50	-	-	-	-	-	-	-	-	<50	-	-	-	-	-	-	-
Leachable Nitrate	300	300	300	<300	2,100	-	9,600	-	800	-	-	-	2,000	-	-	-	-	-
Leachable Ph	1.00	1.00	8.29	8.09	7.79	8.27	7.73	8.06	8.13	8.64	8.26	-	7.28	-	-	-	-	-
Leachable Phosphate (Ortho As Po4)	80	80	<80	<80	-	<80	<80	<80	2,700	-	280	-	80	-	-	-	-	-
Leachable Sulphate	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leachable Sulphide	500	500	-	-	-	-	-	-	-	-	<500	-	-	-	-	-	-	-
Leachable Thiocyanate	50	50	-	-	-	-	-	-	-	-	-	<50	-	<50	<50	<50	<50	<50
Leachable Total Cyanide	50	50	-	-	-	-	-	-	-	-	-	<50	-	<50	<50	<50	<50	<50
Leachable Total Organic Nitrogen	1,000	NV	<1000	<1000	7,400	<1000	2,400	1,600	3,800	11,000	<1000	-	<1000	-	-	-	-	-
Leachable Total Oxidised Nitrogen As N	300	300	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MDL = method detection limit
MRL = method reporting limit
NV = no value
"-" = not analysed
All concentrations reported in µg/l

TABLE 5C - MISCELLANEOUS CONCENTRATIONS IN GROUNDWATERS

Sample Location			**WS552B**
Target Compound	***MDL***	***MRL***	Sample
Anionic Surfactant	50	NV	4,700
Chloride	1,000	1,000	277,000
Electrical Conductivity	0.014	0.014	1.600
Nitrate As N	300	300	<300
Ph	1	1	9
Phosphate	80	80	360
Sulphate Soluble	3,000	3,000	197,000
Thiocyanate	50	50	490
Total Ammonium As Nh4	300	300	28,900
Total Cyanide	50	50	170
Total Organic Nitrogen	1,000	NV	59,000

MDL = method detection limit
MRL = method reporting limit
ND = not detected
NV = no value
"-" = not analysed
All concentrations reported in µg/l

TABLE 6 - CONCENTRATIONS OF PAH IN SOIL

Sample Location			**TP652B**	**TP656B**	**TP661B**	**TP663B**	**TP664B**	**TP667B**	**TP669B**	**TP675B**	**TP676B**	**TP678B**
Depth			**0.8**	**1.0**	**1.8**	**1.5**	**2.0**	**1.3**	**0.5**	**2.0**	**1.9**	**3.5**
Geology			Made Ground	Made Ground	Sand	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Silt
Target Compound	***MDL***	***MRL***										
Acenaphthene	0.014	0.014	1.092	1.190	0.032	0.067	333.980	0.630	4,440.190	2.230	<0.014	0.014
Acenaphthylene	0.005	0.005	0.310	0.220	0.094	0.051	2,881.780	0.053	232.310	0.790	0.006	0.035
Anthracene	0.009	0.009	2.220	2.093	0.021	0.059	4,471.460	0.140	2,840.120	2.410	0.009	0.021
Benzo[a]anthracene	0.012	0.012	0.880	2.200	0.045	0.072	2,975.350	0.190	633.031	1.870	0.024	0.068
Benzo[a]pyrene	0.012	0.012	0.460	2.140	0.018	0.046	1,962.710	0.130	249.180	1.150	<0.012	0.048
Benzo[b]fluoranthene	0.016	0.016	0.690	2.140	0.041	0.065	1,363.910	0.270	296.480	1.790	<0.016	0.083
Benzo[g,h,i]perylene	0.01	0.01	0.32	1.03	0.03	0.04	883.50	0.13	94.23	0.81	<0.01	0.04
Benzo[k]fluoranthene	0.025	0.025	0.300	1.290	0.039	0.055	1,275.300	0.150	190.330	1.073	<0.025	0.045
Chrysene	0.01	0.01	0.77	2.29	0.04	0.06	2,469.79	0.22	628.58	1.79	0.02	0.06
Dibenzo[a,h]anthracene	0.008	0.008	0.100	0.440	0.017	0.014	382.170	0.041	46.920	0.230	<0.008	<0.008
Fluoranthene	0.025	0.025	3.420	5.250	0.100	0.120	8,852.860	0.410	3,742.470	5.044	<0.025	0.099
Fluorene	0.012	0.012	2.400	1.930	0.200	0.140	3,708.440	0.570	5,224.370	3.820	<0.012	0.022
Indeno[1,2,3-cd]pyrene	0.011	0.011	0.280	1.046	0.025	0.042	1,051.220	0.110	128.310	0.710	<0.011	0.032
Naphthalene	0.01	0.01	1.71	1.87	1.33	1.68	2,751.64	2.69	9,246.35	9.04	0.04	0.17
Phenanthrene	0.021	0.021	11.093	5.620	0.380	0.230	12,863.170	0.680	12,114.270	9.000	0.040	0.094
Pyrene	0.022	0.022	2.011	3.860	0.069	0.087	5,776.850	0.340	2,357.470	3.410	<0.022	0.080
Total PAH (Sum of 4)	0.025	0.025	1.590	5.510	0.134	0.199	4,573.930	0.660	709.350	4.383	<0.025	0.202
Total PAH (Sum of 16)	0.025	0.025	28.065	34.630	2.490	2.830	54,004.140	6.760	42,464.620	45.170	0.130	0.920

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

TABLE 7A - CONCENTRATIONS OF PCBS IN SOIL

Sample Location			**TP651B**	**TP653B**	**TP654B**	**TP658B**	**TP660B**	**TP662B**	**TP672B**	**TP675B**
Depth			**0.7**	**2.3**	**2.0**	**1.6**	**1.5**	**0.5**	**3.5**	**2.0**
Geology			Made Ground	Sandstone	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground
Target Compound	***MDL***	***MRL***								
PCB (Total)	0.02	0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	0.25

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

TABLE 7B - CONCENTRATIONS OF LEACHABLE PCBS

Sample Location			**TP651B**	**TP653B**	**TP654B**	**TP657B**	**TP658B**	**TP660B**	**TP662B**	**TP672B**	**TP675B**
Depth			**0.7**	**2.3**	**2.0**	**4.0**	**1.6**	**1.5**	**0.5**	**3.5**	**2.0**
Geology			Made Ground	Sandstone	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Clay
Target Compound	***MDL***	***MRL***									
PCB (Total)	26	26	<26	<26	<26	<26	<26	<26	<26	<26	<26

MDL = method detection limit
MRL = method reporting limit
PCB = polychlorinated biphenyls
All concentrations reported in µg/l

TABLE 8A- CONCENTRATIONS OF PHENOLS IN SOIL

Sample Location			**TP651B**	**TP653B**	**TP654B**	**TP658B**	**TP660B**	**TP662B**	**TP667B**	**TP672B**	**TP675B**	**TP680B**
Depth			**0.7**	**2.3**	**2.0**	**1.6**	**1.5**	**0.5**	**1.3**	**3.5**	**2.0**	**2.0**
Geology			Made Ground	Sandstone	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Clay
Target Compound	***MDL***	***MRL***										
Total Phenols	0.01	0.01	0.18	0.03	0.13	0.03	13.21	0.01	<0.01	0.16	0.05	<0.01

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

TABLE 8B - CONCENTRATIONS OF LEACHABLE PHENOLS

Sample Location			**TP651B**	**TP653B**	**TP654B**	**TP657B**	**TP658B**	**TP660B**	**TP662B**	**TP672B**	**TP675B**	**TP680B**
Depth			**0.7**	**2.3**	**2.0**	**4.0**	**1.6**	**1.5**	**0.5**	**3.5**	**2.0**	**2.0**
Geology			Made Ground	Sandstone	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Clay
Target Compound	***MDL***	***MRL***										
Leachable Total Phenols	10	10	<10	20	<10	<10	<10	940	<10	<10	<10	<10

MDL = method detection limit
MRL = method reporting limit
All concentrations reported in µg/l

TABLE 8C - CONCENTRATIONS OF PHENOLS IN GROUNDWATER

Sample Location			**WS552B**
Target Compound	***MDL***	***MRL***	Sample
Total Phenols	10	10	10

MDL = method detection limit
MRL = method reporting limit
All concentrations reported in µg/l

Sample Location			TP651B	TP653B	TP654B	TP657B	TP658B	TP659B	TP660B	TP662B	TP665B	TP666B	TP670B	TP670B	TP671B	TP672B	TP674B	TP677B	TP678B	TP680B	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)
Depth			0.7	2.3	2.0	0.8	0.7	1.0	1.5	0.5	0.9	2.2	2.0	2.9	2.2	3.5	1.6	1.6	2.1	2.0	0.5	1.5	1.5	0.7	2.1
Geology			Made Ground	Sandstone	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Siltstone	Silt	Silt	Silt	Made Ground	Silt & Sand	Made Ground	Silt	Clay	Made Ground	Made Ground	Made Ground	Made Ground	Silt
Target Compound	*MDL*	*MRL*																							
1,2,4-Trichlorobenzene	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	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
1,2-Dichlorobenzene	0.1	0.1	<0.1	16.9	<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
1,3-Dichlorobenzene	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	<0.1	<0.1
1,4-Dichlorobenzene	0.1	0.1	<0.1	1.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4,5-Trichlorophenol	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	<0.1	<0.1
2,4,6-Trichlorophenol	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	<0.1	<0.1
2,4-Dichlorophenol	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	<0.1	<0.1
2,4-Dimethylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	22.7	2.4	<0.1	41.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	140.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2,4-DinitroToluene (Methyl benzene)	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	<0.1	<0.1
2,6-DinitroToluene (Methyl benzene)	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	<0.1	<0.1
2-Chloronaphthalene	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	<0.1	<0.1
2-Chlorophenol	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	<0.1	<0.1
2-Methylnaphthalene	0.1	0.1	<0.1	<0.1	5.1	<0.1	<0.1	276.9	167.1	5.1	430.3	<0.1	<0.1	<0.1	<0.1	8.5	71.9	797.9	<0.1	<0.1	<0.1	<0.1	11.9	4.5	<0.1
2-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	13.3	<0.1	<0.1	19.2	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	107.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
2-Nitroaniline	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	<0.1	<0.1
2-Nitrophenol	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	<0.1	<0.1
3-Nitroaniline	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	<0.1	<0.1
4-Bromophenyl Phenyl Ether	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	<0.1	<0.1
4-Chloro-3-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	<0.1	<0.1
4-Chloroaniline	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	<0.1	<0.1
4-Chlorophenyl Phenyl Ether	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	<0.1	<0.1
4-Methylphenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	30.9	<0.1	<0.1	51.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	268.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
4-Nitroaniline	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	<0.1	<0.1
4-Nitrophenol	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	<0.1	<0.1
Acenaphthene	0.1	0.1	<0.1	<0.1	2.6	<0.1	0.5	72.2	77.8	0.6	89.6	<0.1	<0.1	<0.1	<0.1	12.4	1.2	148.6	<0.1	<0.1	<0.1	<0.1	4.4	<0.1	<0.1
Acenaphthylene	0.1	0.1	<0.1	<0.1	0.7	<0.1	2.3	173.9	<0.1	1.7	402.0	<0.1	<0.1	<0.1	<0.1	<0.1	13.9	1,048.8	<0.1	<0.1	<0.1	<0.1	3.9	<0.1	<0.1
Anthracene	0.1	0.1	0.8	<0.1	3.3	<0.1	3.1	267.1	180.5	6.6	570.1	0.1	0.1	0.2	<0.1	9.7	2.4	1,128.6	<0.1	<0.1	<0.1	<0.1	27.1	<0.1	<0.1
Azobenzene	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	<0.1	<0.1
Benzo[a]anthracene	0.1	0.1	0.7	<0.1	2.7	<0.1	1.7	233.8	13.7	11.8	330.6	<0.1	<0.1	0.3	<0.1	<0.1	<0.1	783.2	<0.1	<0.1	<0.1	<0.1	44.1	0.2	0.1
Benzo[a]pyrene	0.1	0.1	0.4	<0.1	1.8	<0.1	1.3	141.2	5.5	9.1	203.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	508.1	<0.1	<0.1	<0.1	<0.1	44.3	0.2	<0.1
Benzo[b]fluoranthene	0.1	0.1	0.5	<0.1	1.8	<0.1	1.8	113.0	5.0	9.0	151.7	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	362.3	<0.1	<0.1	<0.1	<0.1	31.4	0.2	<0.1
Benzo[g,h,i]perylene	0.1	0.1	0.2	<0.1	1.0	<0.1	0.5	61.0	2.8	5.7	88.3	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	183.5	<0.1	<0.1	<0.1	<0.1	28.5	<0.1	<0.1
Benzo[k]fluoranthene	0.1	0.1	0.5	<0.1	1.3	<0.1	1.0	103.3	4.9	6.0	146.6	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	431.2	<0.1	<0.1	<0.1	<0.1	33.1	0.1	<0.1
Bis(2-Chloroethoxy)Methane	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	<0.1	<0.1
Bis(2-Chloroethyl)Ether	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	<0.1	<0.1
Bis(2-Ethylhexyl)Phthalate	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	<0.1	<0.1
Butylbenzylphthalate	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	<0.1	<0.1
Carbazole	0.1	0.1	<0.1	<0.1	1.7	<0.1	0.6	102.3	51.5	0.8	194.0	<0.1	<0.1	<0.1	<0.1	1.8	<0.1	374.3	<0.1	<0.1	<0.1	<0.1	8.4	<0.1	<0.1
Chrysene	0.1	0.1	0.9	<0.1	2.5	<0.1	1.4	192.6	12.4	10.7	298.6	<0.1	<0.1	0.2	<0.1	<0.1	<0.1	641.9	<0.1	<0.1	<0.1	<0.1	38.4	0.3	<0.1
Dibenzo[a,h]anthracene	0.1	0.1	<0.1	<0.1	0.3	<0.1	0.2	17.8	<0.1	1.4	27.9	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	69.6	<0.1	<0.1	<0.1	<0.1	8.3	<0.1	<0.1
Dibenzofuran	0.1	0.1	0.2	<0.1	3.1	<0.1	0.5	254.4	121.0	2.3	363.1	<0.1	<0.1	<0.1	<0.1	26.7	9.3	760.3	<0.1	<0.1	<0.1	<0.1	15.1	0.7	<0.1
Diethylphthalate	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	<0.1	<0.1
Dimethylphthalate	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	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Di-N-Butylphthalate	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	<0.1	<0.1
Di-N-Octylphthalate	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	<0.1	<0.1
Fluoranthene	0.1	0.1	2.5	<0.1	6.6	<0.1	4.6	668.6	64.6	27.7	895.9	0.2	0.2	0.5	<0.1	8.0	1.8	1,914.9	<0.1	<0.1	<0.1	<0.1	95.3	0.3	0.2
Fluorene	0.1	0.1	<0.1	<0.1	3.3	<0.1	0.5	340.9	155.2	1.2	471.4	<0.1	<0.1	<0.1	<0.1	13.5	6.2	1,015.4	<0.1	<0.1	<0.1	<0.1	22.7	<0.1	<0.1
Hexachlorobenzene	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	<0.1	<0.1
Hexachlorobutadiene	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	<0.1	<0.1
Hexachlorocyclopentadiene	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	<0.1	<0.1
Hexachloroethane	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	<0.1	<0.1
Indeno[1,2,3-cd]pyrene	0.1	0.1	0.2	<0.1	0.9	<0.1	0.5	59.3	2.3	5.2	85.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	190.1	<0.1	<0.1	<0.1	<0.1	24.6	<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	<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	5.2	<0.1	0.2	927.4	451.7	8.0	1,534.2	0.2	<0.1	<0.1	<0.1	111.4	130.4	2,542.7	<0.1	<0.1	<0.1	<0.1	28.3	2.9	0.7
Nitrobenzene	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	<0.1	<0.1
N-Nitroso-Di-N-Propylamine	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	<0.1	<0.1
Pentachlorophenol	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	<0.1	<0.1
Phenanthrene	0.1	0.1	0.8	<0.1	9.1	<0.1	1.4	1,190.5	309.8	9.5	1,534.9	0.3	0.2	0.4	<0.1	33.7	6.3	3,195.2	<0.1	<0.1	<0.1	<0.1	95.7	1.2	0.1
Phenol	0.1	0.1	<0.1	<0.1	<0.1	<0.1	<0.1	25.1	<0.1	<0.1	21.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	151.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Pyrene	0.1	0.1	2.0	<0.1	4.8	<0.1	8.1	446.0	38.4	23.3	597.2	0.1	0.1	0.4	<0.1	4.7	1.3	1,347.0	<0.1	<0.1	<0.1	<0.1	73.0	0.2	<0.1
Total PAH (Sum of 4)	0.1	0.1	1.4	0.0	5.1	<0.1	3.9	336.6	15.0	25.9	472.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	1,167.0	<0.1	<0.1	<0.1	<0.1	117.6	0.3	<0.1

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

Sample Location			TP651B	TP651B	TP652B	TP652B	TP653B	TP654B	TP655B	TP655B	TP656B	TP656B	TP657B	TP657B	TP657B	TP658B	TP658B	TP659B	TP660B	TP661B	TP661B	TP662B	TP662B	TP663B
Depth			0.7	1.3	0.8	1.5	2.3	2.0	0.6	2.3	1.0	2.3	0.8	2.8	4.0	0.7	1.6	1.0	1.5	0.4	1.8	0.5	1.4	1.5
Geology			Made Ground	Made Ground	Made Ground	Made Ground	Sandstone	Made Ground	Silt	Clay	Made Ground	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Sand	Made Ground	Made Ground	Silt
Target Compound	*MDL*	*MRL*																						
1,2,4-Trichlorobenzene	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-Dichlorobenzene	1	1	<1	<1	<1	<1	517	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	1	1	<1	<1	<1	<1	15	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4,5-Trichlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4,6-Trichlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-Dichlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-Dimethylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	810	<1	<1	<1	<1	<1	<1
2,4-DinitroToluene (Methyl benzene)	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,6-DinitroToluene (Methyl benzene)	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-Chloronaphthalene	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-Chlorophenol	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	10	<1	<1	<1	<1	<1	<1	<1	1	1	497	633	<1	<1	22	<1	<1
2-Methylphenol	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-Nitroaniline	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-Nitrophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3-Nitroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Bromophenyl Phenyl Ether	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chloro-3-Methylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chloroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorophenyl Phenyl Ether	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Methylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	328	<1	<1	<1	<1	<1	<1
4-Nitroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Nitrophenol	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	4	<1	<1	2	<1	<1	<1	<1	5	4	<1	<1	<1	<1	<1	<1	2
Acenaphthylene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	5
Anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	3
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
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
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
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
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
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
Bis(2-Chloroethoxy)Methane	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-Chloroethyl)Ether	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-Ethylhexyl)Phthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Butylbenzylphthalate	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	4	<1	<1	2	<1	<1	<1	<1	<1	<1	403	<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
Dibenz(a,h)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
Dibenzofuran	1	1	<1	<1	<1	<1	<1	1	<1	<1	<1	<1	<1	<1	<1	3	2	<1	<1	<1	<1	<1	<1	3
Diethylphthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dimethylphthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Di-N-butylphthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Di-N-octylphthalate	1	1	<1	<1	<1	<1	<1	<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	<1	<1	<1	<1	11	<1	3
Fluorene	1	1	<1	<1	<1	<1	<1	2	<1	<1	2	<1	<1	<1	<1	2	2	<1	<1	<1	<1	<1	<1	7
Hexachlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachloroethane	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Indeno[1,2,3-cd]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
Isophorone	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	1	1	<1	1	<1	<1	2	23	<1	<1	<1	<1	<1	<1	<1	1	3	5,619	7,306	<1	<1	65	<1	1
Nitrobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
N-Nitroso-Di-N-propylamine	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pentachlorophenol	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	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	2	3	<1	<1	3	<1	17	<1	8
Phenol	1	1	<1	<1	<1	<1	<1	<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	<1	<1	<1	<1	<1	<1	2
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

MDL = method detection limit
MRL = method reporting limit
SVOC = semi volatile organic compounds
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
All concentrations reported in µg/l

TABLE 9B - CONCENTRATIONS OF LEACHABLE SVOCS

Sample Location			TP663B	TP664B	TP664B	TP665B	TP665B	TP665B	TP666B	TP666B	TP666B	TP667B	TP667B	TP668B	TP668B	TP668B	TP669B	TP669B	TP670B	TP671B	TP671B	TP672B	TP672B	TP673B	TP673B	TP674B
Depth			1.9	2.0	3.0	0.9	1.3	2.0	2.2	2.5	3.5	1.3	2.2	1.0	2.5	3.9	0.5	2.1	2.9	2.2	4.0	1.9	3.5	1.2	2.5	1.6
Geology			Silt & Sand	Made Ground	Silt	Made Ground	Silt	Silt	Siltstone	Sand	Sandstone	Made Ground	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Silt & Sand	Silt	Sandstone	Made Ground	Made Ground	Silt	Silt	Silt & Sand
Target Compound	*MDL*	*MRL*																								
1,2,4-Trichlorobenzene	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
1,2-Dichlorobenzene	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
1,3-Dichlorobenzene	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
1,4-Dichlorobenzene	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
2,4,5-Trichlorophenol	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
2,4,6-Trichlorophenol	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
2,4-Dichlorophenol	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
2,4-Dimethylphenol	1	1	<1	434	<1	4,044	306	<1	<1	2	20	<1	<1	<1	<1	<1	558	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-DinitroToluene (Methyl benzene)	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
2,6-DinitroToluene (Methyl benzene)	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-Chloronaphthalene	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-Chlorophenol	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	2	238	3	651	246	<1	<1	<1	11	<1	2	59	238	438	751	<1	16	3	<1	<1	<1	<1	407	801
2-Methylphenol	1	1	<1	184	<1	1,161	<1	<1	<1	<1	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Nitroaniline	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-Nitrophenol	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
3-Nitroaniline	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
4-Bromophenyl Phenyl Ether	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
4-Chloro-3-Methylphenol	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
4-Chloroaniline	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
4-Chlorophenyl Phenyl Ether	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
4-Methylphenol	1	1	<1	421	<1	4,449	<1	<1	<1	<1	2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Nitroaniline	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
4-Nitrophenol	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	2	101	3	<1	80	<1	<1	<1	4	<1	<1	<1	111	<1	336	<1	17	<1	3	<1	<1	4	<1	<1
Acenaphthylene	1	1	2	484	3	437	226	<1	<1	<1	<1	<1	2	76	37	<1	<1	<1	4	<1	<1	<1	<1	<1	<1	317
Anthracene	1	1	1	31	<1	<1	<1	<1	<1	<1	<1	<1	5	<1	22	<1	<1	<1	6	<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[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[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[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
Bis(2-Chloroethoxy)Methane	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
Bis(2-Chloroethyl)Ether	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
Bis(2-Ethylhexyl)Phthalate	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
Butylbenzylphthalate	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	287	1	492	258	<1	<1	<1	<1	<1	2	76	55	<1	334	<1	16	<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
Dibenz(a,h)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
Dibenzofuran	1	1	2	123	17	<1	88	<1	<1	<1	6	<1	3	<1	106	128	214	<1	25	<1	<1	<1	<1	5	110	<1
Diethylphthalate	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
Dimethylphthalate	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
Di-N-butylphthalate	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
Di-N-octylphthalate	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
Fluoranthene	1	1	2	18	<1	<1	<1	<1	<1	<1	<1	<1	6	<1	<1	<1	<1	<1	3	<1	<1	<1	<1	1	<1	<1
Fluorene	1	1	3	142	9	<1	79	<1	<1	<1	2	<1	4	56	102	<1	<1	<1	28	<1	<1	<1	<1	4	<1	<1
Hexachlorobenzene	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
Hexachlorobutadiene	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
Hexachlorocyclopentadiene	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
Hexachloroethane	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
Indeno[1,2,3-cd]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
Isophorone	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
Naphthalene	1	1	6	558	7	5,847	2,585	2	<1	<1	20	1	26	515	143	689	4,883	16	18	18	<1	2	7,797	2	3,192	5,657
Nitrobenzene	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
N-Nitroso-Di-N-propylamine	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
Pentachlorophenol	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	4	158	2	<1	<1	<1	<1	<1	3	<1	24	104	124	100	<1	<1	41	<1	<1	<1	<1	5	<1	<1
Phenol	1	1	<1	10	<1	376	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pyrene	1	1	<1	11	<1	<1	<1	<1	<1	<1	<1	<1	4	<1	<1	<1	<1	<1	1	<1	2	<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
Note 1: Total PAH calculated as a sum of 4 PAHs (benzo(b)fluora
All concentrations reported in µg/l

Sample Location			TP674B	TP675B	TP676B	TP676B	TP676B	TP677B	TP677B	TP678B	TP678B	TP679B	TP679B	TP680B	TP680B	WS551 (B)	WS552 (B)	WS553 (B)	WS554 (B)	WS555 (B)
Depth			3.0	2.0	0.5	1.9	2.9	1.6	3.2	2.1	3.5	0.6	2.0	2.0	2.5	0.5	1.5	1.5	0.7	2.1
Geology			Silt & Sand	Made Ground	Made Ground	Silt	Sand	Made Ground	Made Ground	Silt	Silt	Made Ground	Made Ground	Clay	Clay	Made Ground	Made Ground	Made Ground	Made Ground	Silt
Target Compound	*MDL*	*MRL*																		
1,2,4-Trichlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,3-Dichlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4,5-Trichlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4,6-Trichlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-Dichlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-Dimethylphenol	1	1	<1	<1	<1	<1	<1	2,467	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,4-DinitroToluene (Methyl benzene)	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2,6-DinitroToluene (Methyl benzene)	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chloronaphthalene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Chlorophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Methylnaphthalene	1	1	448	420	<1	<1	<1	453	<1	<1	<1	<1	<1	<1	<1	<1	<1	35	<1	<1
2-Methylphenol	1	1	<1	<1	<1	<1	<1	421	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Nitroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
2-Nitrophenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
3-Nitroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Bromophenyl Phenyl Ether	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chloro-3-Methylphenol	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chloroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Chlorophenyl Phenyl Ether	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Methylphenol	1	1	<1	<1	<1	<1	<1	1,740	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Nitroaniline	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
4-Nitrophenol	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	108	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Acenaphthylene	1	1	<1	<1	<1	<1	<1	410	<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	<1	<1	<1
Azobenzene	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
Benzo[a]pyrene	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
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
Benzo[k]fluoranthene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-Chloroethoxy)Methane	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-Chloroethyl)Ether	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Bis(2-Ethylhexyl)Phthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Butylbenzylphthalate	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	375	<1	<1	<1	<1	<1	<1	<1	<1	<1	57	<1	<1
Chrysene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibenz(a,h)anthracene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dibenzofuran	1	1	123	<1	<1	<1	<1	164	<1	<1	<1	<1	<1	<1	<1	<1	<1	24	<1	<1
Diethylphthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dimethylphthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Di-N-butylphthalate	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Di-N-octylphthalate	1	1	<1	<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	<1	<1	<1
Fluorene	1	1	<1	<1	<1	<1	<1	138	<1	<1	<1	<1	<1	<1	<1	<1	<1	32	<1	<1
Hexachlorobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorobutadiene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachlorocyclopentadiene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Hexachloroethane	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Indeno[1,2,3-cd]pyrene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Isophorone	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Naphthalene	1	1	6,725	2,786	<1	<1	<1	5,608	<1	<1	<1	<1	<1	<1	<1	<1	1	207	<1	<1
Nitrobenzene	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
N-Nitroso-Di-N-propylamine	1	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Pentachlorophenol	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	<1	<1	<1	156	<1	<1	<1	<1	<1	<1	<1	<1	<1	53	<1	<1
Phenol	1	1	<1	<1	<1	<1	<1	101	<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	<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

MDL = method detection limit
MRL = method reporting limit
SVOC = semi volatile organic compounds
Note 1: Total PAH calculated as a sum of 4 PAHs (benzo(b)fluora
All concentrations reported in µg/l

TABLE 9C - CONCENTRATIONS OF SVOCS IN GROUNDWATER

Sample Location			**TRIP BLANK**	**WS552B**
Target Compound	***MDL***	***MRL***	Trip Blank	Sample
1,2,4-Trichlorobenzene	1	10	<1	<1
1,2-Dichlorobenzene	1	10	<1	<1
1,3-Dichlorobenzene	1	10	<1	<1
1,4-Dichlorobenzene	1	10	<1	<1
2,4,5-Trichlorophenol	1	10	<1	<1
2,4,6-Trichlorophenol	1	10	<1	<1
2,4-Dichlorophenol	1	10	<1	<1
2,4-Dimethylphenol	1	10	<1	<1
2,4-DinitroToluene (Methyl benzene)	1	10	<1	<1
2,6-DinitroToluene (Methyl benzene)	1	10	<1	<1
2-Chloronaphthalene	1	10	<1	<1
2-Chlorophenol	1	10	<1	<1
2-Methylnaphthalene	1	10	<1	27
2-Methylphenol	1	10	<1	<1
2-Nitroaniline	1	10	<1	<1
2-Nitrophenol	1	10	<1	<1
3-Nitroaniline	1	10	<1	<1
4-Bromophenyl Phenyl Ether	1	10	<1	<1
4-Chloro-3-Methylphenol	1	10	<1	<1
4-Chloroaniline	1	10	<1	<1
4-Chlorophenyl Phenyl Ether	1	10	<1	<1
4-Methylphenol	1	10	<1	<1
4-Nitroaniline	1	10	<1	<1
4-Nitrophenol	1	10	<1	<1
Acenaphthene	1	10	<1	13
Acenaphthylene	1	10	<1	28
Anthracene	1	10	<1	<1
Azobenzene	1	10	<1	<1
Benzo(a)anthracene	1	10	<1	<1
Benzo(g,h,i)perylene	1	10	<1	<1
Benzo[a]pyrene	1	10	<1	<1
Benzo[b]fluoranthene	1	10	<1	<1
Benzo[k]fluoranthene	1	10	<1	<1
Bis(2-Chloroethoxy)Methane	1	10	<1	<1
Bis(2-Chloroethyl)Ether	1	10	<1	<1
Bis(2-Ethylhexyl)Phthalate	1	10	<1	<1
Butylbenzylphthalate	1	10	<1	<1
Carbazole	1	10	<1	32
Chrysene	1	10	<1	<1
Dibenz(a,h)anthracene	1	10	<1	<1
Dibenzofuran	1	10	<1	21
Diethylphthalate	1	10	<1	<1
Dimethylphthalate	1	10	<1	<1
Di-N-Butylphthalate	1	10	<1	<1
Di-N-Octylphthalate	1	10	<1	<1
Fluoranthene	1	10	<1	<1
Fluorene	1	10	<1	19
Hexachlorobenzene	1	10	<1	<1
Hexachlorobutadiene	1	10	<1	<1
Hexachlorocyclopentadiene	1	10	<1	<1
Hexachloroethane	1	10	<1	<1
Indeno[1,2,3-cd]pyrene	1	10	<1	<1
Isophorone	1	10	<1	<1
Naphthalene	1	10	<1	334
Nitrobenzene	1	10	<1	<1
N-Nitroso-Di-N-Propylamine	1	10	<1	<1
Pentachlorophenol	1	10	<1	<1
Phenanthrene	1	10	<1	21
Phenol	1	10	<1	<1
Pyrene	1	10	<1	<1
Total PAH (Sum of 4)	1	10	<1	<1

MDL = method detection limit
MRL = method reporting limit
SVOC = semi volatile organic compounds
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
All concentrations reported in µg/l

TABLE 10A - CONCENTRATIONS OF TPH IN SOIL

Sample Location			TP651B	TP651B	TP652B	TP652B	TP653B	TP654B	TP655B	TP656B	TP657B	TP658B	TP659B	TP660B	TP661B	TP662B	TP663B	TP664B	TP665B	TP666B	TP667B
Depth			0.7	1.3	0.8	1.5	2.3	2.0	0.6	2.3	0.8	1.6	1.0	1.5	0.4	1.4	1.5	2.0	2.0	2.2	1.3
Geology			Made Ground	Made Ground	Made Ground	Made Ground	Sandstone	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Silt	Silt	Siltstone	Made Ground
Target Compound	*MDL*	*MRL*																			
TPH (>EC5-6) aliphatic	0.01	0.01	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.66	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
TPH (>EC6-8) aliphatic	0.01	0.01	0.06	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.05	8.36	<0.01	<0.01	<0.01	0.05	0.07	0.28	<0.01
TPH (>EC8-10) aliphatic	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	31.43	2.81	0.11	<0.01	<0.01	0.33	0.02	<0.01	<0.01
TPH (>EC10-12) aliphatic	0.01	0.01	0.01	<0.01	<0.01	<0.01	0.75	0.06	0.02	0.31	<0.01	<0.01	241.86	15.25	0.37	0.06	<0.01	2.41	0.10	<0.01	0.04
TPH (>EC12-16) aliphatic	0.1	0.1	36.6	6.9	4.7	1.6	89.0	456.1	0.4	0.8	1.3	27.3	122.2	494.3	101.1	9.8	0.3	212.9	6.7	15.4	23.7
TPH (>EC16-21) aliphatic	0.1	0.1	769.6	137.6	0.3	5.0	1,598.3	1,944.0	1.0	3.6	1.4	95.1	32.5	249.7	100.4	6.1	<0.1	67.2	2.7	3.5	7.0
TPH (EC21-35) aliphatic	0.1	0.1	4,917.7	1,028.7	14.3	17.0	5,804.4	737.1	18.2	2.4	<0.1	62.9	0.7	839.0	670.4	1.2	<0.1	31.6	<0.1	9.6	4.0
Total Aliphatics (C5-C35)	0.1	0.1	5,724.0	1,173.2	19.4	23.6	7,492.4	3,137.2	19.6	7.2	2.7	185.4	428.7	1,610.0	872.3	17.0	0.3	314.6	9.6	28.7	34.8
TPH (>EC6-7) aromatic	0.01	0.01	0.04	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.21	<0.01	0.16	0.69	51.15	<0.01	<0.01	<0.01	0.55	0.07	0.02	<0.01
TPH (>EC7-8) aromatic	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	0.75	9.93	<0.01	<0.01	<0.01	0.25	0.03	0.03	<0.01
TPH (>EC8-10) aromatic	0.01	0.01	0.03	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	53.74	29.37	0.16	<0.01	<0.01	0.80	0.03	0.03	<0.01
TPH (>EC10-12) aromatic	0.01	0.01	0.02	<0.01	<0.01	<0.01	1.13	0.08	0.02	0.46	<0.01	<0.01	362.79	22.87	0.56	0.09	<0.01	3.61	0.15	0.01	0.06
TPH (>EC12-16) aromatic	0.1	0.1	10.9	0.9	0.8	4.8	109.3	35.3	<0.1	0.6	1.3	7.7	257.8	566.9	7.7	4.1	0.9	5,061.0	1.7	11.3	3.2
TPH (>EC16-21) aromatic	0.1	0.1	125.8	2.5	0.9	22.2	10.8	89.4	<0.1	3.5	2.0	22.8	1,669.2	1,654.6	36.3	3.3	11.2	16,810.3	5.9	6.3	3.6
TPH (>EC21-35) aromatic	0.1	0.1	504.6	151.7	13.8	38.2	24.1	253.8	0.1	15.4	<0.1	147.5	6,721.1	1,611.2	335.3	11.6	69.7	30,101.2	8.4	2.7	3.1
Total Aromatics (C6-C35)	0.1	0.1	641.4	155.0	15.5	65.1	145.3	378.6	0.2	20.3	3.3	178.2	9,066.1	3,946.0	380.0	19.1	81.8	51,977.7	16.3	20.4	9.9
TPH-DRO	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TPH-PRO (C4-C12)	0.01	0.01	0.23	<0.01	<0.01	<0.01	1.88	0.21	0.04	0.98	<0.01	0.16	691.31	140.51	1.20	0.14	<0.01	8.00	0.46	0.37	0.09
TPH (C5-C35)	0.1	0.1	6,365.4	1,328.3	34.9	88.7	7,637.8	3,515.9	19.8	27.4	6.0	363.6	9,494.8	5,556.0	1,252.3	36.1	82.0	52,292.3	25.9	49.1	44.7
Benzene	0.01	0.01	0.04	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.21	<0.01	0.16	0.69	51.15	<0.01	<0.01	<0.01	0.55	0.07	0.02	<0.01
Ethylbenzene	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.34	1.33	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MTBE	0.01	0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.10	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Toluene (Methyl benzene)	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01	<0.01	<0.01	0.75	9.93	<0.01	<0.01	<0.01	0.25	0.03	0.03	<0.01
M,P-Xylene	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	3.36	18.83	<0.01	<0.01	<0.01	0.23	<0.01	0.03	<0.01
O-Xylene	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	1.90	4.99	<0.01	<0.01	<0.01	0.08	<0.01	<0.01	<0.01
Total Xylene	0.01	0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	5.26	23.82	<0.01	<0.01	<0.01	0.31	<0.01	0.03	<0.01
Mineral Oils	10	10	-	-	-	-	-	6,401	38	-	34	-	-	-	718	<10	<10	4,689	-	-	<10
Total PAH	10	10	-	-	-	-	-	847	<10	-	<10	-	-	-	105	11	69	46,034	-	-	<10
Total Hydrocarbons	10	10	-	-	-	-	-	20,078	62	-	39	-	-	-	1,447	32	147	118,861	-	-	<10

MDL = method detection limit
MRL = method reporting limit
TPH = total petroleum hydrocarbons
"-" = not analysed
All concentrations reported in mg/kg

TABLE 10A - CONCENTRATIONS OF TPH IN SOIL

Sample Location			TP668B	TP668B	TP668B	TP669B	TP670B	TP671B	TP672B	TP673B	TP674B	TP675B	TP676B	TP677B	TP678B	TP679B	TP680B	WS553 (B)	WS555 (B)
Depth			1.0	2.5	3.9	0.5	2.9	2.2	3.5	2.5	3.0	2.0	1.9	1.6	3.5	2.0	2.0	1.5	2.1
Geology			Made Ground	Silt	Silt	Made Ground	Silt & Sand	Silt	Made Ground	Silt	Silt & Sand	Made Ground	Silt	Made Ground	Silt	Made Ground	Clay	Made Ground	Silt
Target Compound	*MDL*	*MRL*																	
TPH (>EC5-6) aliphatic	0.01	0.01	<0.01	<0.01	<0.01	1.70	<0.01	<0.01	<0.01	0.25	<0.01	<0.01	<0.01	0.22	-	<0.01	<0.01	-	-
TPH (>EC6-8) aliphatic	0.01	0.01	0.16	0.98	1.29	7.09	<0.01	4.42	<0.01	2.88	<0.01	0.03	<0.01	0.23	-	<0.01	<0.01	-	-
TPH (>EC8-10) aliphatic	0.01	0.01	0.14	0.48	0.36	2.74	<0.01	<0.01	0.84	0.77	2.14	2.18	<0.01	1.37	-	<0.01	<0.01	-	-
TPH (>EC10-12) aliphatic	0.01	0.01	1.41	4.69	2.28	7.40	0.03	<0.01	10.06	5.46	22.05	4.13	<0.01	10.01	-	<0.01	<0.01	-	-
TPH (>EC12-16) aliphatic	0.1	0.1	163.7	63.4	13.7	1,421.3	5.9	1.5	88.5	628.6	294.2	138.7	<0.1	522.8	-	8.9	36.6	-	-
TPH (>EC16-21) aliphatic	0.1	0.1	32.0	19.0	7.2	830.8	28.9	6.5	64.0	265.3	39.1	196.7	2.6	146.5	-	10.1	252.5	-	-
TPH (EC21-35) aliphatic	0.1	0.1	116.4	0.1	1.5	232.2	258.4	40.2	67.3	360.8	2.2	129.3	6.9	77.1	-	5.8	348.3	-	-
Total Aliphatics (C5-C35)	0.1	0.1	313.8	88.6	26.3	2,503.3	293.2	52.7	230.7	1,264.0	359.6	471.0	9.5	758.2	-	24.9	637.3	-	-
TPH (>EC6-7) aromatic	0.01	0.01	0.27	0.31	0.07	22.39	<0.01	<0.01	0.02	0.09	1.11	0.17	<0.01	1.58	-	<0.01	<0.01	-	-
TPH (>EC7-8) aromatic	0.01	0.01	2.18	0.05	0.31	7.37	<0.01	<0.01	<0.01	0.59	0.28	0.52	<0.01	1.18	-	<0.01	<0.01	-	-
TPH (>EC8-10) aromatic	0.01	0.01	0.79	0.97	1.23	14.08	<0.01	<0.01	1.77	1.75	7.82	5.60	<0.01	3.85	-	<0.01	<0.01	-	-
TPH (>EC10-12) aromatic	0.01	0.01	2.12	7.03	3.41	11.09	0.04	<0.01	15.10	8.19	33.08	6.20	<0.01	15.02	-	<0.01	<0.01	-	-
TPH (>EC12-16) aromatic	0.1	0.1	62.1	43.7	6.9	1,047.0	7.8	10.0	548.8	305.6	741.7	70.4	<0.1	1,306.2	-	3.8	4.7	-	-
TPH (>EC16-21) aromatic	0.1	0.1	187.1	55.3	23.1	3,622.9	43.4	3.9	673.8	701.9	393.6	196.3	1.3	3,393.3	-	7.6	14.4	-	-
TPH (>EC21-35) aromatic	0.1	0.1	803.0	50.1	50.1	3,923.5	232.9	7.6	537.2	1,178.4	370.8	333.0	1.3	12,254.1	-	17.0	42.5	-	-
Total Aromatics (C6-C35)	0.1	0.1	1,057.6	157.4	85.1	8,648.2	284.1	21.4	1,776.7	2,196.6	1,548.3	612.2	2.6	16,975.3	-	28.4	61.5	-	-
TPH-DRO	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38	755
TPH-PRO (C4-C12)	0.01	0.01	7.08	14.50	8.94	74.24	0.06	4.42	27.78	20.23	66.48	18.83	<0.01	33.60	-	<0.01	<0.01	-	-
TPH (C5-C35)	0.1	0.1	1,371.4	246.0	111.4	11,151.5	577.3	74.1	2,007.4	3,460.6	1,907.8	1,083.2	12.1	17,733.5	-	53.3	698.8	-	-
Benzene	0.01	0.01	0.27	0.31	0.07	22.39	<0.01	<0.01	0.02	0.09	1.11	0.17	<0.01	1.58	-	<0.01	<0.01	-	-
Ethylbenzene	0.01	0.01	0.13	0.03	0.10	0.40	<0.01	<0.01	0.18	0.20	0.20	0.18	<0.01	<0.01	-	<0.01	<0.01	-	-
MTBE	0.01	0.01	<0.01	<0.01	<0.01	0.38	<0.01	<0.01	<0.01	0.24	<0.01	<0.01	<0.01	0.12	-	<0.01	<0.01	-	-
Toluene (Methyl benzene)	0.01	0.01	2.18	0.05	0.31	7.37	<0.01	<0.01	<0.01	0.59	0.28	0.52	<0.01	1.18	-	<0.01	<0.01	-	-
M,P-Xylene	0.01	0.01	0.41	0.16	0.54	7.41	<0.01	<0.01	0.22	0.31	3.27	1.67	<0.01	1.28	-	<0.01	<0.01	-	-
O-Xylene	0.01	0.01	0.04	0.05	0.05	2.16	<0.01	<0.01	0.11	0.09	1.15	0.48	<0.01	0.51	-	<0.01	<0.01	-	-
Total Xylene	0.01	0.01	0.45	0.21	0.59	9.57	<0.01	<0.01	0.33	0.40	4.42	2.15	<0.01	1.79	-	<0.01	<0.01	-	-
Mineral Oils	10	10	-	-	-	-	14	-	-	1,454	479	-	39	-	<10	32	-	-	-
Total PAH	10	10	-	-	-	-	21	-	-	5,644	4,794	-	<10	-	<10	53	-	-	-
Total Hydrocarbons	10	10	-	-	-	-	105	-	-	11,176	7,440	-	207	-	<10	155	-	-	-

MDL = method detection limit
MRL = method reporting limit
TPH = total petroleum hydrocarbons
"-" = not analysed
All concentrations reported in mg/kg

TABLE 10B - CONCENTRATIONS OF LEACHABLE TPH

Sample Location			TP651B	TP652B	TP653B	TP654B	TP655B	TP656B	TP657B	TP657B	TP658B	TP659B	TP660B	TP661B	TP662B	TP663B	TP664B	TP665B	TP666B	TP667B
Depth			**0.7**	**1.5**	**2.3**	**2.0**	**0.6**	**2.3**	**0.8**	**4.0**	**1.6**	**1.0**	**1.5**	**0.4**	**1.4**	**1.5**	**2.0**	**2.0**	**2.2**	**1.3**
Geology			Made Ground	Made Ground	Sandstone	Made Ground	Silt	Clay	Made Ground	Silt	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Made Ground	Silt	Silt	Siltstone	Made Ground
Target Compound	***MDL***	***MRL***																		
Leachable TPH (>EC5-6) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NA	<10	<10	<10	<10	<10	<10
Leachable TPH (>EC6-8) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NDP	<10	<10	<10	<10	30	<10
Leachable TPH (>EC8-10) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	164	820	NDP	<10	<10	<10	<10	<10	<10
Leachable TPH (>EC10-12) aliphatic	10	10	<10	<10	169	<10	<10	256	<10	<10	<10	3,310	5,247	NDP	<10	<10	312	<10	<10	<10
Leachable TPH (>EC12-16) aliphatic	10	10	<10	<10	<10	65	<10	<10	<10	<10	<10	14	27	NDP	<10	<10	<10	<10	<10	<10
Leachable TPH (>EC16-21) aliphatic	10	10	<10	<10	24	28	<10	<10	<10	<10	<10	17	<10	NDP	<10	<10	<10	<10	<10	<10
Leachable TPH (EC21-35) aliphatic	10	10	<10	<10	101	15	<10	13	<10	<10	<10	35	24	NDP	<10	<10	<10	<10	<10	<10
Total Leachable Aliphatics (C5-C35)	10	10	<10	<10	294	108	<10	269	<10	<10	<10	3,540	6,118	NDP	<10	<10	312	<10	30	<10
Leachable TPH (>EC6-7) aromatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	14	100	3,010	NDP	<10	<10	47	11	<10	<10
Leachable TPH (>EC7-8) aromatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	88	2,186	NDP	<10	<10	28	11	<10	<10
Leachable TPH (>EC8-10) aromatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	420	4,594	NDP	<10	<10	25	<10	<10	<10
Leachable TPH (>EC10-12) aromatic	10	10	<10	<10	254	<10	<10	384	<10	<10	<10	4,966	7,870	NDP	<10	<10	468	<10	<10	<10
Leachable TPH (>EC12-16) aromatic	10	10	<10	<10	1,225	66	<10	<10	<10	<10	13	491	613	NDP	<10	15	1,272	<10	<10	<10
Leachable TPH (>EC16-21) aromatic	10	10	<10	<10	<10	51	<10	<10	<10	<10	12	550	388	NDP	<10	29	661	<10	<10	<10
Leachable TPH (EC21-35) aromatic	10	10	<10	<10	<10	14	<10	<10	<10	<10	11	64	44	NDP	<10	<10	78	<10	<10	<10
Total Leachable Aromatics (C6-C35)	10	10	<10	<10	1,479	131	<10	384	<10	<10	50	6,679	18,705	NDP	<10	44	2,579	22	<10	<10
Leachable TPH-PRO (C4-C12)	10	10	<10	<10	423	<10	<10	640	<10	<10	14	9,048	23,727	NDP	<10	<10	880	22	30	<10
Leachable TPH (C5-C35)	10	10	<10	<10	1,773	239	<10	653	<10	<10	50	10,219	24,823	NDP	<10	44	2,891	22	30	<10
Leachable Benzene	10	10	<10	<10	<10	<10	<10	<10	<10	<10	14	100	3,010	NDP	<10	<10	47	11	<10	<10
Leachable Ethylbenzene	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	33	144	NDP	<10	<10	<10	<10	<10	<10
Leachable MTBE	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	NDP	<10	<10	<10	<10	<10	<10
Leachable Toluene (Methyl benzene)	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	88	2,186	NDP	<10	<10	28	11	<10	<10
Leachable M,P-Xylene	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	94	2,456	NDP	<10	<10	25	<10	<10	<10
Leachable O-Xylene	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	48	765	NDP	<10	<10	<10	<10	<10	<10
Total Leachable Xylene	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	142	3,221	NDP	<10	<10	25	<10	<10	<10

MDL = method detection limit
MRL = method reporting limit
TPH = total petroleum hydrocarbons
NDP = no detection possible
All concentrations reported in µg/l

TABLE 10B - CONCENTRATIONS OF LEACHABLE TPH

Sample Location			**TP668B**	**TP668B**	**TP669B**	**TP670B**	**TP671B**	**TP672B**	**TP673B**	**TP674B**	**TP675B**	**TP676B**	**TP676B**	**TP677B**	**TP679B**	**TP680B**
Depth			**1.0**	**3.9**	**0.5**	**2.9**	**2.2**	**3.5**	**2.5**	**3.0**	**2.0**	**1.9**	**2.9**	**1.6**	**2.0**	**2.0**
Geology			Made Ground	Silt	Made Ground	Silt & Sand	Silt	Made Ground	Silt	Silt & Sand	Made Ground	Silt	Sand	Made Ground	Made Ground	Clay
Target Compound	***MDL***	***MRL***														
Leachable TPH (>EC5-6) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Leachable TPH (>EC6-8) aliphatic	10	10	49	73	<10	<10	<10	<10	34	<10	<10	<10	<10	<10	<10	<10
Leachable TPH (>EC8-10) aliphatic	10	10	11	78	829	<10	<10	65	76	828	449	<10	<10	131	<10	<10
Leachable TPH (>EC10-12) aliphatic	10	10	140	983	4,719	<10	<10	7,724	3,232	8,703	1,452	<10	<10	1,295	<10	<10
Leachable TPH (>EC12-16) aliphatic	10	10	<10	<10	70	<10	<10	67	18	53	<10	<10	<10	83	<10	<10
Leachable TPH (>EC16-21) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	13	<10	10
Leachable TPH (EC21-35) aliphatic	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Total Leachable Aliphatics (C5-C35)	10	10	200	1,134	5,618	<10	<10	7,856	3,360	9,584	1,901	<10	<10	1,522	<10	10
Leachable TPH (>EC6-7) aromatic	10	10	51	<10	6,930	<10	<10	<10	16	382	35	<10	<10	361	<10	<10
Leachable TPH (>EC7-8) aromatic	10	10	320	85	1,803	<10	<10	<10	119	16	124	<10	<10	216	<10	<10
Leachable TPH (>EC8-10) aromatic	10	10	81	254	3,237	<10	<10	164	246	2,253	1,469	<10	<10	344	<10	<10
Leachable TPH (>EC10-12) aromatic	10	10	211	1,475	7,078	<10	<10	11,587	4,847	13,055	2,177	<10	<10	1,943	<10	<10
Leachable TPH (>EC12-16) aromatic	10	10	250	1,057	2,228	91	<10	1,697	1,654	2,093	662	<10	<10	860	<10	<10
Leachable TPH (>EC16-21) aromatic	10	10	251	214	732	113	<10	315	351	193	160	<10	<10	358	<10	<10
Leachable TPH (EC21-35) aromatic	10	10	41	29	54	<10	<10	22	22	19	21	<10	<10	12	<10	<10
Total Leachable Aromatics (C6-C35)	10	10	1,205	3,114	22,062	204	<10	13,785	7,255	18,011	4,648	<10	<10	4,094	<10	<10
Leachable TPH-PRO (C4-C12)	10	10	863	2,948	24,596	<10	<10	19,540	8,570	25,237	5,706	<10	<10	4,290	<10	<10
Leachable TPH (C5-C35)	10	10	1,405	4,248	27,680	204	<10	21,641	10,615	27,595	6,549	<10	<10	5,616	<10	10
Leachable Benzene	10	10	51	<10	6,930	<10	<10	<10	16	382	35	<10	<10	361	<10	<10
Leachable Ethylbenzene	10	10	<10	41	71	<10	<10	22	36	55	57	<10	<10	<10	<10	<10
Leachable MTBE	10	10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10	<10
Leachable Toluene (Methyl benzene)	10	10	320	85	1,803	<10	<10	<10	119	16	124	<10	<10	216	<10	<10
Leachable M,P-Xylene	10	10	64	97	1,383	<10	<10	27	72	706	561	<10	<10	101	<10	<10
Leachable O-Xylene	10	10	<10	<10	539	<10	<10	18	24	251	178	<10	<10	46	<10	<10
Total Leachable Xylene	10	10	64	97	1,922	<10	<10	45	96	957	739	<10	<10	147	<10	<10

MDL = method detection limit
MRL = method reporting limit
TPH = total petroleum hydrocarbons
NDP = no detection possible
All concentrations reported in µg/l

TABLE 10C - CONCENTRATIONS OF TPH IN GROUNDWATER

Sample Location			**TRIP BLANK**	**WS552B**
Target Compound	***MDL***	***MRL***	Trip Blank	Sample
TPH (>EC5-6) aliphatic	10	10	<10	<10
TPH (>EC6-8) aliphatic	10	10	<10	<10
TPH (>EC8-10) aliphatic	10	10	<10	<10
TPH (>EC10-12) aliphatic	10	10	<10	<10
TPH (>EC12-16) aliphatic	10	10	<10	55
TPH (>EC16-21) aliphatic	10	10	<10	<10
TPH (EC21-35) aliphatic	10	10	<10	<10
Total Aliphatics (C5-C35)	10	10	<10	55
TPH (>EC6-7) aromatic	10	10	<10	<10
TPH (>EC7-8) aromatic	10	10	<10	<10
TPH (>EC8-10) aromatic	10	10	<10	<10
TPH (>EC10-12) aromatic	10	10	<10	<10
TPH (>EC12-16) aromatic	10	10	<10	57
TPH (>EC16-21) aromatic	10	10	<10	52
TPH (>EC21-35) aromatic	10	10	<10	<10
Total Aromatics (C6-C35)	10	10	<10	109
TPH-PRO (C4-C12)	10	10	<10	<10
TPH (C5-C35)	10	10	<10	164
Benzene	10	10	<10	<10
Ethylbenzene	10	10	<10	<10
MTBE	10	10	<10	<10
Toluene (Methyl benzene)	10	10	<10	<10
M,P-Xylene	10	10	<10	<10
O-Xylene	10	10	<10	<10
Total Xylenes	10	10	<10	<10

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

Sample Location			TP651B	TP653B	TP657B	TP660B	TP661B	TP665B	TP666B	TP670B	TP671B	TP671B	TP672B	TP674B	TP677B	TP678B	TP680B	WS553 (B)	WS555 (B)
Depth			0.7	2.3	0.8	1.5	0.4	0.9	2.2	2.9	1.5	2.2	3.5	3.0	1.6	2.1	2.0	1.5	2.1
Geology			Made Ground	Sandstone	Made Ground	Made Ground	Made Ground	Made Ground	Siltstone	Silt & Sand	Silt	Silt	Made Ground	Silt & Sand	Made Ground	Silt	Clay	Made Ground	Silt
PID readings (ppm)			0.0	11.0	0.0	597.0	51.6	165.0	75.9	0.0	1,000.0	562.0	58.8	128.0	33.3	0.0	2.6	8.5	3.8
Target Compound	*MDL*	*MRL*																	
1,1,1,2-Tetrachloroethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.001	0.001	<0.001	<0.001	0.012	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethane	0.001	0.001	<0.001	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloroethene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,1-Dichloropropene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichlorobenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,3-Trichloropropane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2,4-Trimethylbenzene	0.001	0.001	<0.001	<0.001	<0.001	14.084	0.015	14.890	<0.001	<0.001	<0.001	<0.001	10.870	6.890	2.700	<0.001	<0.001	0.058	<0.001
1,2-Dibromo-3-Chloropropane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dibromoethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichlorobenzene	0.001	0.001	<0.001	41.340	0.009	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloroethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,2-Dichloropropane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene	0.001	0.001	<0.001	<0.001	<0.001	6.005	0.140	7.930	<0.001	<0.001	<0.001	<0.001	6.820	2.990	1.330	<0.001	<0.001	0.030	<0.001
1,3-Dichlorobenzene	0.001	0.001	<0.001	0.110	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	0.001	0.001	<0.001	0.790	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-ChloroToluene (Methyl benzene)	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-ChloroToluene (Methyl benzene)	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Benzene	0.001	0.001	<0.001	0.003	<0.001	91.460	0.009	99.180	0.009	<0.001	<0.001	0.005	<0.001	0.430	1.710	<0.001	<0.001	0.040	<0.001
Bromobenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromodichloromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromoform	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Disulfide	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Tetrachloride	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cis-1,1,2-Dichloroethene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.033	0.002	0.370	3.074	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cis-1,3-Dichloropropene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromochloromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dibromomethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichloromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ethylbenzene	0.001	0.001	<0.001	<0.001	<0.001	6.880	<0.001	4.160	0.010	<0.001	<0.001	<0.001	1.580	0.220	0.370	<0.001	0.004	0.033	<0.001
Hexachlorobutadiene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene	0.001	0.001	<0.001	<0.001	<0.001	0.210	<0.001	0.330	<0.001	<0.001	<0.001	<0.001	0.350	0.023	0.056	<0.001	<0.001	0.009	<0.001
M,P-Xylene	0.001	0.001	<0.001	<0.001	0.001	111.280	<0.001	59.360	0.038	<0.001	<0.001	<0.001	1.610	4.540	7.620	<0.001	<0.001	0.160	<0.001
Methyl T-Butyl Ether	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Naphthalene	0.001	0.001	<0.001	<0.001	<0.001	139.500	<0.001	5,734.640	<0.001	<0.001	<0.001	<0.001	2,254.490	147.600	896.670	0.085	<0.001	11.660	0.270
N-Butylbenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
O-Xylene	0.001	0.001	<0.001	<0.001	<0.001	31.270	<0.001	17.760	0.001	<0.001	<0.001	<0.001	0.920	1.510	3.094	<0.001	<0.001	0.097	<0.001
P-IsopropylToluene (Methyl benzene)	0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.028	<0.001	<0.001	<0.001	<0.001	<0.001	0.260	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Propylbenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.330	<0.001	<0.001	<0.001	<0.001	0.270	0.035	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.380	<0.001	0.150	<0.001	<0.001	<0.001	<0.001
Styrene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	19.220	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	2.054	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tetrachloroethene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.013	0.018	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Toluene (Methyl benzene)	0.001	0.001	<0.001	0.005	0.004	28.700	<0.001	60.900	0.024	0.001	0.011	0.007	0.140	0.150	2.041	<0.001	<0.001	0.051	<0.001
Trans-1,2-Dichloroethene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trans-1,3-Dichloropropene	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.001	0.001	0.008	0.008	0.007	<0.001	<0.001	<0.001	0.078	0.007	4.650	8.520	<0.001	<0.001	0.073	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vinyl Chloride	0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001

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

Sample Location			**TP659B WATER**	**TP675B WATER**	**TRIP BLANK**	**WS552B**	**WS553B**
Sample Type			Sample	Sample	Trip Blank	Sample	Sample
Target Compound	***MDL***	***MRL***					
1,1,1,2-Tetrachloroethane	1	1	<1	<1	<1	<1	<1
1,1,1-Trichloroethane	1	1	<1	<1	<1	<1	<1
1,1,2,2-Tetrachloroethane	1	1	<1	<1	<1	<1	<1
1,1,2-Trichloroethane	1	1	<1	<1	<1	<1	<1
1,1-Dichloroethane	1	1	<1	<1	<1	<1	<1
1,1-Dichloroethene	1	1	<1	<1	<1	<1	<1
1,1-Dichloropropene	1	1	<1	<1	<1	<1	<1
1,2,3-Trichlorobenzene	1	1	<1	<1	<1	<1	<1
1,2,3-Trichloropropane	1	1	<1	<1	<1	<1	<1
1,2,4-Trichlorobenzene	1	1	<1	<1	<1	<1	<1
1,2,4-Trimethylbenzene	1	1	91	8	<1	<1	2,785
1,2-Dibromo-3-Chloropropane	1	1	<1	<1	<1	<1	<1
1,2-Dibromoethane	1	1	<1	<1	<1	<1	<1
1,2-Dichlorobenzene	1	1	<1	<1	<1	<1	<1
1,2-Dichloroethane	1	1	<1	<1	<1	<1	<1
1,2-Dichloropropane	1	1	<1	<1	<1	<1	<1
1,3,5-Trimethylbenzene	1	1	46	3	<1	<1	1,445
1,3-Dichlorobenzene	1	1	<1	<1	<1	<1	<1
1,3-Dichloropropane	1	1	<1	<1	<1	<1	<1
1,4-Dichlorobenzene	1	1	<1	<1	<1	<1	<1
2,2-Dichloropropane	1	1	<1	<1	<1	<1	<1
2-Chlorotoluene	1	1	<1	<1	<1	<1	<1
4-Chlorotoluene	1	1	<1	<1	<1	<1	<1
Benzene	1	1	118	8	<1	7	881
Bromobenzene	1	1	<1	<1	<1	<1	<1
Bromochloromethane	1	1	<1	<1	<1	<1	<1
Bromodichloromethane	1	1	<1	<1	<1	<1	<1
Bromoform	1	1	<1	<1	<1	<1	<1
Bromomethane	1	1	<1	<1	<1	<1	<1
Carbon Disulfide	1	1	<1	<1	<1	<1	<1
Carbon Tetrachloride	1	1	<1	<1	<1	<1	<1
Chlorobenzene	1	1	<1	<1	<1	<1	<1
Chloroethane	1	1	<1	<1	<1	<1	<1
Chloroform	1	1	<1	<1	<1	<1	<1
Chloromethane	1	1	<1	<1	<1	<1	<1
Cis-1,2-Dichloroethene	1	1	<1	<1	<1	2	76
Cis-1,3-Dichloropropene	1	1	<1	<1	<1	<1	<1
Dibromochloromethane	1	1	<1	<1	<1	<1	<1
Dibromomethane	1	1	<1	<1	<1	<1	<1
Dichlorodifluoromethane	1	1	<1	<1	<1	<1	<1
Dichloromethane	1	1	<1	<1	<1	<1	<1
Ethylbenzene	1	1	19	2	<1	12	216
Hexachlorobutadiene	1	1	<1	<1	<1	<1	<1
Isopropylbenzene	1	1	2	<1	<1	<1	74
M,P-Xylene	1	1	102	12	<1	13	4,546
Methyl T-Butyl Ether	1	1	<1	<1	<1	<1	<1
Naphthalene	1	1	2,509	185	<1	185	189,985
N-Butylbenzene	1	1	<1	<1	<1	<1	<1
O-Xylene	1	1	57	4	<1	2	1,532
P-Isopropyltoluene	1	1	5	<1	<1	<1	45
Propylbenzene	1	1	1	<1	<1	<1	26
Sec-Butylbenzene	1	1	<1	<1	<1	<1	85
Styrene	1	1	26	<1	<1	<1	<1
Tert-Butylbenzene	1	1	<1	<1	<1	<1	<1
Tetrachloroethene	1	1	<1	2	<1	<1	<1
Toluene	1	1	80	7	<1	9	2,751
Trans-1,2-Dichloroethene	1	1	<1	<1	<1	<1	<1
Trans-1,3-Dichloropropene	1	1	<1	<1	<1	<1	<1
Trichloroethene	1	1	<1	<1	<1	2	34
Trichlorofluoromethane	1	1	<1	<1	<1	<1	<1
Vinyl Chloride	1	1	<1	<1	<1	8	<1

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