

Table 1 - Schedule of Analysis

PLOT E			Surfactants	Heavy Metals	Total Cyanide	Orthophosphate	Sulphate	pH	TPH - CWG	TPH (all/aro split)	VOCs	SVOCs	PCBs	TOC / PSD	Ammonium	Nitrate
Sample ID	Depth	Date Sampled														
TP720E	0.7	06/03/2007	Z	Z	Z	Z	Z	Z	Z	-	X	-	X	-	X	X
	1.4		Z	-	-	-	-	-	Y	-	-	Y	-	-	-	-
WS721E	0.3	06/03/2007	-	Y	Y	Y	Y	Y	-	-	-	X	X	-	X	X
	0.7		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1.5		-	-	-	-	-	-	Y	-	X	-	-	-	-	-
	2.9		-	-	-	-	-	-	-	-	-	Y	-	-	-	-
	3.3		Z	-	-	Z	-	Z	-	-	-	-	-	-	-	-
TP722E	0.5	06/03/2007	Z	-	-	Z	Z	Z	Y	-	X	Y	X	-	-	-
	1.5		-	Y	Y	Y	Y	Y	Z	-	X	X	-	-	X	X
TP723E	1.0	06/03/2007	-	-	-	-	-	-	-	-	X	Y	-	-	-	-
	3.5		Z	Y	X	X	Y	Y	Z	-	-	-	-	-	-	-
TP724E	0.5	06/03/2007	Z	-	-	Z	-	-	Y	-	X	Y	-	-	X	X
	2.5		Z	Z	Z	Z	Z	Z	Z	-	X	Y	-	-	-	-
TP725E	0.7	06/03/2007	Z	Y	Y	Y	Y	Y	Z	X	-	-	-	-	-	-
	1.3		Z	-	-	-	-	-	Z	X	X	Y	-	-	-	-
TP726E	0.5	06/03/2007	-	-	-	-	-	-	Z	X	X	X	-	-	-	-
	1.0		Z	Y	Y	Y	Y	Y	-	-	-	-	-	-	-	-
TP727E	0.4	05/03/2007	-	-	-	-	-	Z	Z	X	-	Y	-	-	X	X
	0.5		Z	-	-	-	-	-	Y	-	X	-	-	-	-	-
TP727E	1.0	06/03/2007	-	-	-	-	-	Y	-	-	-	-	-	-	-	-
	3.0		Z	Y	Y	Y	Y	-	-	-	-	Y	-	-	-	-
	1.0		Z	Y	Y	Y	Y	Y	Z	X	-	Y	-	-	X	X
TP728E	2.0	05/03/2007	-	-	-	-	-	-	-	-	-	-	-	X	-	-
	2.5		Z	Z	Z	Z	Z	Z	Z	-	X	Y	-	-	-	-
	0.6		-	Y	Y	Y	Y	Y	-	-	-	-	-	-	X	X
WS729E	1.0	06/03/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1.2		-	-	-	-	-	Z	Z	-	X	Y	X	-	-	-
	2.5		Z	-	-	Z	Z	Z	Z	-	-	-	-	-	-	-
TP730E	0.5	06/03/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1.5		Z	Z	Z	Z	Z	Z	Y	-	X	Y	-	-	X	X
TP731E	0.6	06/03/2007	Z	-	-	-	Z	Z	Z	-	X	Y	-	-	-	-
	2.5		Z	Y	Z	Z	Z	Z	Y	-	-	Y	-	-	-	-
TP732E	0.3	06/03/2007	Z	-	-	-	-	-	Y	-	X	-	-	-	-	-
	1.8		Z	Z	Z	Z	Z	Z	Z	-	X	Y	-	-	X	X
TP733E	0.5	06/03/2007	-	Z	Z	Z	Z	Z	Z	X	X	Y	-	-	-	-
	1.9		Z	-	-	-	-	-	-	-	-	-	-	-	-	-
WS734E	0.4	06/03/2007	-	Y	Y	Z	Y	Y	-	-	-	-	-	-	X	X
	0.8		-	-	-	-	-	-	Y	-	X	Y	-	-	-	-
	0.9		Z	-	-	Z	Z	Z	-	-	-	-	-	-	-	-
	2.0		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	3.4		Z	Z	Y	Y	Z	Z	Z	-	-	-	-	X	-	-
TP735E	0.4	06/03/2007	Z	X	-	Z	Z	Z	Z	-	-	-	-	-	-	-
	0.7		Z	Y	Y	Y	-	Y	-	X	-	X	-	-	-	-
	3.0		Z	-	Y	Y	Y	-	Z	-	X	-	-	-	X	X
TP736E	0.35	05/03/2007	Z	Y	Y	Y	Y	Y	Y	-	X	Y	-	-	X	X
	1.0		-	-	-	-	-	-	Z	-	-	-	-	-	-	-
TP737E	0.2	05/03/2007	-	-	-	-	Z	-	Y	-	X	Y	-	-	-	-
	1.8		Z	Z	Z	Y	Y	Y	X	-	X	X	-	-	X	X
TP738E	0.3	06/03/2007	Z	Z	Z	Y	Y	Y	Y	-	X	-	-	-	-	-
	1.8		-	-	Z	Y	-	-	-	-	-	Y	-	-	X	X
TP739E	0.4	06/03/2007	-	Y	Y	Z	-	Z	Y	-	X	Y	-	-	X	X
	0.8		Z	-	-	Z	Z	Z	Z	-	X	-	-	-	-	-
WS740E	0.6	06/03/2007	Z	Z	-	Z	Z	Z	-	-	-	-	-	-	-	-
	1.1		-	-	-	-	-	-	Y	-	X	X	-	-	-	-
	1.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2.5		-	-	-	-	-	-	-	-	X	Y	-	-	-	-
	2.6		Z	Y	Y	Y	Y	Y	Z	-	-	-	-	-	X	X
TP741E	0.3	06/03/2007	Z	Y	Y	Y	Y	Y	Y	-	X	Y	X	-	X	X
	2.2		Z	-	-	Z	Z	Z	Z	-	X	Y	-	-	-	-
TP742E	0.3	06/03/2007	Z	-	-	-	-	-	Y	-	X	Y	-	-	-	-
	2.0		Z	Y	Y	Y	Y	Y	Z	-	-	-	-	-	X	X
TP743E	0.3	06/03/2007	Z	Y	Y	Y	Y	Y	Z	X	X	X	X	-	-	-
	2.0		Z	-	-	-	-	-	-	-	-	-	-	-	-	-
TP745E	0.3	05/03/2007	-	Z	Z	Z	Z	-	-	-	-	Y	-	-	X	X
	1.0		Z	Y	Y	Y	Y	Y	Z	X	X	Y	-	-	-	-
TP746E	0.3	05/03/2007	Z	Y	Y	Y	Y	-	Y	-	X	X	-	-	-	-
	1.85		Z	Z	Z	Z	Z	Y	-	-	-	X	-	-	-	-
TP747E	0.6	06/03/2007	-	-	-	-	-	-	Z	X	X	-	-	-	-	-
	1.47		Z	Z	Z	Z	Z	Z	-	-	-	Y	-	-	-	-
TP748E	0.2	06/03/2007	Z	Z	Z	Z	Z	Y	-	-	X	Y	-	-	-	-
	1.3		-	-	-	Z	-	-	Y	-	-	-	-	-	-	-
TP749E	0.5	06/03/2007	Z	-	Z	Z	Z	Z	Y	-	X	Y	-	-	X	X
	1.25		-	Z	Z	Z	Z	Z	-	-	-	-	-	-	-	-
TP750E	0.6	06/03/2007	Z	Y	Y	Y	Y	Y	-	-	X	Y	-	-	X	X
	1.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2.0		Z	-	Z	Z	Z	Z	Y	-	-	X	-	-	-	-

"-" = sample not scheduled for analysis

X = soil analysis only

Y = soil and leachate analysis

Z = leachate analysis only

Table 2 - Groundwater Elevations

Date	Well	Depth to base of well (m)	Depth to water (m)	Ground elevation (mAOD)	Groundwater elevation (mAOD)
07/03/2007	SB20	2.15	-	83.359	-
07/03/2007	WS721E	3.398	-	87.431	-
07/03/2007	WS29E	2.557	-	89.331	-
07/03/2007	WS734E	3.246	-	90.822	-
07/03/2007	WS340E	2.674	-	91.530	-
10/01/2001	WS153	1.79	-	84.01	-
10/01/2001	WS163	2.185	1.928	90.51	88.582

07/03/2007 Developing and dipping round
10/01/2001 Sampling round
mAOD meters Above Ordnance Datum
"-" Dry

Table 3 - Metals Soil

Plot E
Stage 2 - Analytical Results - Soil metals

Field Identification																					ERMSB20	ERMSB23	TP722E	TP723E	TP725E	TP726E	TP727E	TP728E	TP731E	TP735E	TP736E	TP739E	TP741E	TP742E	TP743E	TP745E	TP746E	TP750E	WS721E	
Sample Depth																						2.1	0.8-0.9	1.5	3.5	0.7	1.0	3.0	1.0	2.6	0.7	0.4	0.4	0.3	2.0	0.3	1.0	0.3	0.6	0.3
Sample Type																						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
Sample Round																						Jun-03	Jun-03	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	
SSTLs protective of:																																								
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source																																		
Arsenic	3	mg/kg	20	K	1	D	<mdl	<mdl	4	10	13	7	<mdl	8	<mdl	50	<mdl	12	24	4	8	<mdl	6	12	20															
Boron	3.5	mg/kg	7,560.0	F	22.2	E	-	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl															
Cadmium	1	mg/kg	30	K	0.3	E	<mdl	<mdl	<mdl	<mdl	1	<mdl	<mdl	<mdl	1	0	0	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0	<mdl	0														
Chromium	2	mg/kg	200	K	20	E	4	7	31	17	27	13	27	18	45	21	19	20	49	11	17	24	34	20	38															
Copper	1	mg/kg	32,000	F	0.2	E	3	8	<mdl	8	19	8	10	17	24	17	10	16	13	<mdl	<mdl	<mdl	27	17	31															
Lead	5	mg/kg	450	K	2	E	<mdl	<mdl	25	12	28	11	14	11	39	55	5	26	66	6	14	7	23	34	370															
Mercury	0.5	mg/kg	7.8	N	0.02	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl															
Nickel	2	mg/kg	75	K	1	E	<mdl	<mdl	31	24	19	14	47	15	270	27	12	20	28	11	10	32	41	21	25															
Selenium	0.5	mg/kg	260.0	K	0.1	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	41.0	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl															
Zinc	2	mg/kg	14,600	F	1	E	<mdl	<mdl	71	52	66	43	78	51	280	72	64	57	49	24	41	76	87	92	110															

Notes
* - = not analysed
nv = no value
<mdl = below method detection limit

A = UK Drinking Water Standards (DWS) 2000
B = USEPA Region 9 (pathway specific)
C = World Health Organisation Drinking Water Guidelines (WHO DWG)
D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997
E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989
F = URS Generic Assessment Criteria (GAC)
G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998
H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992
J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS
K = UK Soil Guideline Values (SGV)
L = Dutch SRC
M = US EPA Region 9 PRG
N = Corrected DIV
P = US EPA Region 3
Q = Dutch SRC: NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 3 - Metals Soil

Plot E
Stage 2 - Analytical Results - Soil metals

Field Identification							WS729E	WS734E	WS740E
Sample Depth							0.6	0.4	2.6
Sample Type							SOIL	SOIL	SOIL
Sample Round							Mar-07	Mar-07	Mar-07
SSTLs protective of:									
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source			
Arsenic	3	mg/kg	20	K	1	D	7	16	<mdl
Boron	3.5	mg/kg	7,560.0	F	22.2	E	<mdl	5.2	<mdl
Cadmium	1	mg/kg	30	K	0.3	E	<mdl	<mdl	1
Chromium	2	mg/kg	200	K	20	E	14	12	70
Copper	1	mg/kg	32,000	F	0.2	E	7	8	9
Lead	5	mg/kg	450	K	2	E	19	5	35
Mercury	0.5	mg/kg	7.8	N	0.02	E	<mdl	<mdl	<mdl
Nickel	2	mg/kg	75	K	1	E	15	13	140
Selenium	0.5	mg/kg	260.0	K	0.1	A	<mdl	<mdl	64.0
Zinc	2	mg/kg	14,600	F	1	E	34	23	150

Notes
* - " = not analysed
nv = no value
<mdl = below method detection limit

A = UK Drinking Water Standards (DWS) 2000
B = USEPA Region 9 (pathway specific)
C = World Health Organisation Drinking Water Guidelines (WHO DWG)
D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation
E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation
F = URS Generic Assessment Criteria (GAC)
G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation
H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation
J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS
K = UK Soil Guideline Values (SGV)
L = Dutch SRC
M = US EPA Region 9 PRG
N = Corrected DIV
P = US EPA Region 3
Q = Dutch SRC: NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled wi
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening crit

Table 4- VOCs Soil

Plot E

Stage 2 - Analytical Results - VOCs SOIL

Field Identification			WS153	TP720E	TP722E	TP722E	TP723E	TP724E	TP724E	TP725E	TP726E	TP727E	TP728E	TP730E	TP731E	TP732E	TP732E	TP733E	TP735E	TP736E
Sample Depth	Sample Type	Sample Round	0.1-0.4	0.5	1.6	0.5	0.7	2.5	0.7	0.5	0.7	2.5	0.5	0.5	0.5	1.9	0.5	0.5	0.5	0.5
			SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Oct-01	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07
			GAC protective of:																	
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source														
1,1,1,2-Tetrachloroethane	0.010	mg/kg	0.344	N	0.0004	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1,1-Trichloroethane	0.007	mg/kg	3.00	N	0.141	G	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1,2,2-Tetrachloroethane	0.010	mg/kg	6.20	F	0.0001	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1,2-Trichloroethane	0.010	mg/kg	2.00	N	0.176	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1-Dichloroethane	0.008	mg/kg	3.00	N	0.300	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1-Dichloroethane	0.010	mg/kg	0.235	F	0.018	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1-Dichloropropane	0.011	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,3-Trichlorobenzene	0.011	mg/kg	8.00	L	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,3-Trichloropropane	0.017	mg/kg	0.034	M	0.000004	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,4-Trichlorobenzene	0.008	mg/kg	11.0	L	0.078	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,4-Trimethylbenzene	0.009	mg/kg	51.6	M	0.102	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dibromo-3-Chloropropane	0.014	mg/kg	0.460	M	0.0001	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dibromobenzene	0.012	mg/kg	0.032	M	0.00004	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichlorobenzene	0.012	mg/kg	84.0	F	0.87	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichloroethane	0.005	mg/kg	0.011	F	0.005	H	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichloropropane	0.012	mg/kg	0.342	M	0.00005	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3,5-Trimethylbenzene	0.008	mg/kg	21.3	M	0.102	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3-Dichlorobenzene	0.006	mg/kg	531	M	2.20	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3-Dichloropropane	0.007	mg/kg	105	M	nv	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,4-Dichlorobenzene	0.008	mg/kg	72.0	L	1.16	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,2-Dichloropropane	0.012	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Chlorotoluene	0.009	mg/kg	158	M	0.273	M	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Chlorotoluene	0.012	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Benzene	0.009	mg/kg	0.034	F	0.029	G	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromobenzene	0.010	mg/kg	27.8	M	0.021	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromochloromethane	0.014	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromochloromethane	0.007	mg/kg	0.024	M	nv	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromoforn	0.010	mg/kg	61.6	M	nv	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromomethane	0.013	mg/kg	3.90	M	0.002	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Carbon Disulfide	0.007	mg/kg	355	F	0.507	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Carbon Tetrachloride	0.014	mg/kg	0.200	N	0.025	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chlorobenzene	0.005	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chloroethane	0.014	mg/kg	3.03	M	0.001	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chloroform	0.008	mg/kg	0.600	L	0.005	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chloromethane	0.007	mg/kg	46.9	M	0.032	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Cis-1,2-Dichloroethane	0.005	mg/kg	0.169	F	0.024	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Cis-1,3-Dichloropropene	0.014	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dibromochloromethane	0.013	mg/kg	1.11	M	nv	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dibromomethane	0.009	mg/kg	66.9	M	0.025	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dichlorodifluoromethane	0.004	mg/kg	89.8	M	1.77	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dichloromethane	0.010	mg/kg	1.20	F	0.006	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Ethylbenzene	0.004	mg/kg	16.0	K	0.832	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Heptachlorobutadiene	0.012	mg/kg	6.24	M	0.032	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Isopropylbenzene	0.005	mg/kg	572	M	2.14	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
M-P-Xylene	0.014	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
MTBE	0.011	mg/kg	38.3	F	0.002	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Naphthalene	0.013	mg/kg	6.30	F	0.039	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
N-Butylbenzene	0.010	mg/kg	240	M	1.67	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
O-Xylene	0.010	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
P-Isopropyltoluene	0.011	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Propylbenzene	0.011	mg/kg	240	M	1.10	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Sec-Butylbenzene	0.010	mg/kg	3,129	P	4.18	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Styrene	0.010	mg/kg	74.0	L	0.241	J	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Tert-Butylbenzene	0.012	mg/kg	390	M	5.03	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Tetrachloroethane	0.005	mg/kg	1.00	F	0.016	H	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Toluene	0.005	mg/kg	3.00	K	0.041	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trans-1,2-Dichloroethene	0.011	mg/kg	69.5	M	0.061	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trans-1,3-Dichloropropene	0.014	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trichloroethene	0.009	mg/kg	0.138	F	0.012	H	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trichlorofluoromethane	0.006	mg/kg	386	M	1.89	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Vinyl Chloride	0.010	mg/kg	0.001	F	0.0003	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Total Xylenes (see note 1)	0.010	mg/kg	7.20	F	0.082	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl

Notes

- = not analysed

nv = no value

<mdl = below method detection limit

Note 1: Total Xylenes = Sum of M-P-Xylene and O-Xylene

A = UK Drinking Water Standards (DWS) 2000

B = USEPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997

E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989

F = URS Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation

Table 4- VOCs Soil

Plot E

Stage 2 - Analytical Results - VOCs SOIL

Field Identification
Sample Depth
Sample Type
Sample Round

TP737E	TP737E	TP738E	TP739E	TP739E	TP741E	TP741E	TP742E	TP743E	TP745E	TP746E	TP747E	TP748E	TP749E	TP750E	WS721E	WS729E	WS734E	WS740E	WS740E
0.2	1.8	0.3	0.8	0.8	1.8	1.8	1.0	1.0	1.0	1.0	0.2	0.5	0.5	0.5	0.2	0.5	0.5	0.5	0.5
SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07

		GAC protective of:																	
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source													
1,1,1,2-Tetrachloroethane	0.010	mg/kg	0.344	N	0.0004	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1,1-Trichloroethane	0.007	mg/kg	3.00	N	0.141	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1,2,2-Tetrachloroethane	0.010	mg/kg	6.20	F	0.0001	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1,2-Trichloroethane	0.010	mg/kg	2.00	N	0.176	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1-Dichloroethane	0.008	mg/kg	3.00	N	0.300	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1-Dichloroethene	0.010	mg/kg	0.235	F	0.018	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,1-Dichloropropane	0.011	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,3-Trichlorobenzene	0.011	mg/kg	8.00	L	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,3-Trichloropropane	0.017	mg/kg	0.034	M	0.000004	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,4-Trichlorobenzene	0.008	mg/kg	11.0	L	0.078	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2,4-Trimethylbenzene	0.009	mg/kg	51.6	M	0.102	M	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dibromo-3-Chloropropane	0.014	mg/kg	0.460	M	0.0001	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dibromomethane	0.012	mg/kg	0.032	M	0.00004	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichlorobenzene	0.012	mg/kg	84.0	L	3.87	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichloroethane	0.005	mg/kg	0.011	F	0.005	H	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichloropropane	0.012	mg/kg	0.342	M	0.00005	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3,5-Trimethylbenzene	0.008	mg/kg	21.3	M	0.102	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3-Dichlorobenzene	0.006	mg/kg	531	M	2.20	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3-Dichloropropane	0.007	mg/kg	105	M	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,4-Dichlorobenzene	0.008	mg/kg	72.0	L	1.16	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,2-Dichloropropane	0.012	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Chlorotoluene	0.009	mg/kg	158	M	0.273	M	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Chlorotoluene	0.012	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Benzene	0.009	mg/kg	0.034	F	0.029	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromobenzene	0.010	mg/kg	27.8	M	0.021	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromochloromethane	0.014	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromochloromethane	0.007	mg/kg	0.024	M	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromotoluene	0.010	mg/kg	61.6	M	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bromomethane	0.013	mg/kg	3.90	M	0.002	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Carbon Disulfide	0.007	mg/kg	30.5	M	0.507	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Carbon Tetrachloride	0.014	mg/kg	0.200	N	0.025	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chlorobenzene	0.005	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chloroethane	0.014	mg/kg	3.03	M	0.001	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chloroform	0.008	mg/kg	0.600	L	0.005	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chloromethane	0.007	mg/kg	46.9	M	0.032	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Cis-1,2-Dichloroethene	0.005	mg/kg	0.169	F	0.024	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Cis-1,3-Dichloropropene	0.014	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dibromochloromethane	0.013	mg/kg	1.11	M	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dibromomethane	0.009	mg/kg	66.9	M	0.025	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dichlorodifluoromethane	0.004	mg/kg	89.9	M	1.77	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dichloromethane	0.010	mg/kg	1.20	F	0.006	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Ethylbenzene	0.004	mg/kg	16.0	K	0.032	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Hexachlorobutadiene	0.012	mg/kg	6.24	E	0.032	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Isopropylbenzene	0.005	mg/kg	572	M	2.14	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
M-P-Xylene	0.014	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
MTBE	0.011	mg/kg	38.3	F	0.002	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Naphthalene	0.013	mg/kg	6.30	F	0.039	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
N-Butylbenzene	0.010	mg/kg	240	M	1.67	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
O-Xylene	0.010	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
P-Isopropyltoluene	0.011	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Propylbenzene	0.011	mg/kg	240	M	1.10	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Sec-Butylbenzene	0.010	mg/kg	3,129	P	4.18	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Styrene	0.010	mg/kg	74.0	L	0.241	J	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Tert-Butylbenzene	0.012	mg/kg	390	M	5.03	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Tetrachloroethene	0.005	mg/kg	1.00	F	0.016	H	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Toluene	0.005	mg/kg	3.00	K	0.041	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trans-1,2-Dichloroethene	0.011	mg/kg	69.5	M	0.061	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trans-1,3-Dichloropropene	0.014	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trichloroethene	0.009	mg/kg	0.138	F	0.012	H	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Trichlorofluoromethane	0.006	mg/kg	386	M	1.89	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Vinyl Chloride	0.010	mg/kg	0.001	F	0.0003	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Total Xylenes (see note 1)	0.010	mg/kg	7.20	F	0.082	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl

Notes

-- = not analysed

nv = no value

<mdl = below method detection limit

Note 1: Total Xylenes = Sum of M-P-Xylene and O-Xylene

A = UK Drinking Water Standards (DWS) 2000

B = USEPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997

E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1999

F = UK Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998

H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992

J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS

K = UK Soil Guideline Values (SGV)

L = Dutch SRC

M = US EPA Region 9 PRG

N = Corrected DIV

Table 5 - SVOCs Soil

Plot E

Stage 2 - Analytical Results - SVOCs Soil

Field Identification		WS153 0.1-0.4		TP720E	TP722E	TP722E	TP723E	TP724E	TP724E	TP725E	TP726E	TP727E	TP727E	TP728E
Sample Depth		SOIL		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Type		SOIL		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Round		Oct-01		Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07
Chemical	Method Detection Limit	GAC protective of:												
		Units	Human Health	Source	Controlled Waters	Source								
1,2,4-Trichlorobenzene	0.1 mg/kg	11	L	0.1	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,2-Dichlorobenzene	0.1 mg/kg	88	L	3.9	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,3-Dichlorobenzene	0.1 mg/kg	531	B	2.2	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1,4-Dichlorobenzene	0.1 mg/kg	72	L	1.2	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
1-Methylphtalene	0.1 mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,4,5-Trichlorophenol	0.1 mg/kg	80	L	0.1	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,4,6-Trichlorophenol	0.1 mg/kg	111	L	0.8	C	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,4-Dichlorophenol	0.1 mg/kg	21	L	0.02	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,4-Dimethylphenol	0.1 mg/kg	1,222	B	0.5	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,4-Dinitrotoluene	0.1 mg/kg	122	B	0.03	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2,6-Dinitrotoluene	0.1 mg/kg	61.1	B	0.1	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Chloronaphthalene	0.1 mg/kg	11.9	L	18.5	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Chlorophenol	0.1 mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Methylnaphthalene	0.1 mg/kg	1,564	B	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.18	<mdl
2-Methylphenol	0.1 mg/kg	100	L	0.5	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Nitroaniline	0.1 mg/kg	183	B	0.1	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
2-Nitrophenol	0.1 mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
3-Nitroaniline	0.1 mg/kg	18.3	B	nv	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Bromobenzyl Phenyl Ether	0.1 mg/kg	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Chloro-3-Methylphenol	0.1 mg/kg	3	L	nv	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Chlorophenol	0.1 mg/kg	244	B	0.1	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Chlorobenzyl Phenyl Ether	0.1 mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Methylphenol	0.1 mg/kg	306	B	0.1	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Nitroaniline	0.1 mg/kg	2	B	0.04	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
4-Nitrophenol	0.1 mg/kg	626	P	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Acenaphthene	0.1 mg/kg	910	F	15.6	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Acenaphthylene	0.1 mg/kg	61	F	0.3	A	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Anthracene	0.1 mg/kg	16,000	F	323	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Azobenzene	0.1 mg/kg	4	B	0.007	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Benzo[a]anthracene	0.1 mg/kg	11.1	F	0.02	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.21	<mdl
Benzo[a]pyrene	0.1 mg/kg	1.1	F	0.1	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.15	<mdl
Benzo[b]fluoranthene	0.1 mg/kg	11.1	F	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.19	<mdl
Benzo[k]fluoranthene	0.1 mg/kg	1,000	F	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Benzo[a]fluoranthene	0.1 mg/kg	11.1	F	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Biphenyl	0.1 mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bis(2-Chlorophenyl)Methane	0.1 mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bis(2-Chlorophenyl)Ether	0.1 mg/kg	0.2	B	0.00001	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Bis(2-Ethylhexyl)Phthalate	0.1 mg/kg	34.7	B	4.2	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Butylbenzylphthalate	0.1 mg/kg	12,221	B	2,520	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Carbazole	0.1 mg/kg	24.3	F	0.004	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chrysene	0.1 mg/kg	110	F	0.3	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.15	<mdl
Dibenz[a,h]anthracene	0.1 mg/kg	1.1	F	0.2	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dibenzofuran	0.1 mg/kg	145	B	0.4	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dibenzylphthalate	0.1 mg/kg	48,882	B	55.3	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Dimethylphthalate	0.1 mg/kg	150,000	B	156	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Di-N-Butylphthalate	0.1 mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Di-N-Octylphthalate	0.1 mg/kg	2,444	B	nv	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Fluoranthene	0.1 mg/kg	110	F	0.1	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.28	<mdl
Fluorene	0.1 mg/kg	2,000	F	20.2	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Hexachlorobenzene	0.1 mg/kg	0.4	L	0.01	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Hexachlorobutadiene	0.1 mg/kg	6.2	B	0.03	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Hexachlorocyclopentadiene	0.1 mg/kg	365	B	263	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Hexachlorocyclohexene	0.1 mg/kg	34.7	B	0.1	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Indeno[1,2,3-cd]pyrene	0.1 mg/kg	11.1	F	nv	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Isophorone	0.1 mg/kg	512	B	0.03	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Naphthalene	0.1 mg/kg	6.3	F	0.04	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Nitrobenzene	0.1 mg/kg	19.6	B	0.002	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
N-Nitroso-Di-N-Propylamine	0.1 mg/kg	0.1	B	0.000009	B	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Pentachlorophenol	0.1 mg/kg	4	L	0.007	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Phenanthrene	0.1 mg/kg	1,000	F	3.4	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.27	<mdl
Phenol	0.1 mg/kg	21,900	K	0.01	E	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Pyrene	0.1 mg/kg	1,500	F	115	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.22	<mdl
Sum of 4 PAH (see note 2)	0.1 mg/kg	nv	nv	0.24	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.19	<mdl

Notes

"- " = not analysed

nv = no value

<mdl = below method detection limit

Note 2: Total PAH (Sum of 4) = Sum of benzo[b]fluoranthene, benzo[a,h]perylene, benzo[b]fluoranthene and indeno[1,2,3-cd]pyrene

A = UK Drinking Water Standards (DWWS) 2000

B = US EPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997

E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1999

F = URS Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998

H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992

J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS

K = UK Soil Guideline Values (SGV)

L = Dutch SRC

M = US EPA Region 9 PRG

N = Corrected DW

P = US EPA Region 3

Q = Dutch SRC: NB based on Pies with Gardens

R = Dutch Indicative Intervention Value

S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 5 - SVOCs Soil

Plot E

Stage 2 - Analytical Results - SVOCs Soil

[illegible]

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Notes
**** = not analysed
n = no value
<ml = below method detection limit
Note 2: Total PAH (Sum of dl = Sum of benz[a]fluoranthene, benzo[ghi]perylene, benzo[k]fluoranthene and indeno[1,2,3-cd]pyrene)
N = UK Drinking Water Standards (DWS) 2000
B = UKSEPA Region 3 (background)
C = World Health Organisation Drinking Water Guidelines (WHO DWG)
D = UK Marine / European EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1957
E = UK Marine / European EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989
F = UKS Core Assessment Criteria (CAC)
G = UK Marine / European EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998
H = UK Marine / European EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992
J = UK Marine / European Environmental Quality Standards (EQS) UK EQS
K = UK Soil Guideline Values (SGV)
L = Dutch SRC
M = UKSEPA Region 9 PRG
N = Corrected DIV
P = UKSEPA Region 3
Q = Dutch SRC - NB based on Res with Gardens
R = Dutch Indication Intervention Value
S = Freshwater EQS

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XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 5 - SVOCs Soil

Plot E

Stage 2 - Analytical Results - SVOCs Soil

Field Identification			TP743E		TP746E		TP748E		TP749E		TP750E		TP751E		TP752E		TP753E		TP754E		TP755E		TP756E		TP757E		TP758E		TP759E		TP760E		TP761E		TP762E		TP763E		TP764E		TP765E		TP766E		TP767E		TP768E		TP769E		TP770E		TP771E		TP772E		TP773E		TP774E		TP775E		TP776E		TP777E		TP778E		TP779E		TP780E		TP781E		TP782E		TP783E		TP784E		TP785E		TP786E		TP787E		TP788E		TP789E		TP790E		TP791E		TP792E		TP793E		TP794E		TP795E		TP796E		TP797E		TP798E		TP799E		TP800E		TP801E		TP802E		TP803E		TP804E		TP805E		TP806E		TP807E		TP808E		TP809E		TP810E		TP811E		TP812E		TP813E		TP814E		TP815E		TP816E		TP817E		TP818E		TP819E		TP820E		TP821E		TP822E		TP823E		TP824E		TP825E		TP826E		TP827E		TP828E		TP829E		TP830E		TP831E		TP832E		TP833E		TP834E		TP835E		TP836E		TP837E		TP838E		TP839E		TP840E		TP841E		TP842E		TP843E		TP844E		TP845E		TP846E		TP847E		TP848E		TP849E		TP850E		TP851E		TP852E		TP853E		TP854E		TP855E		TP856E		TP857E		TP858E		TP859E		TP860E		TP861E		TP862E		TP863E		TP864E		TP865E		TP866E		TP867E		TP868E		TP869E		TP870E		TP871E		TP872E		TP873E		TP874E		TP875E		TP876E		TP877E		TP878E		TP879E		TP880E		TP881E		TP882E		TP883E		TP884E		TP885E		TP886E		TP887E		TP888E		TP889E		TP890E		TP891E		TP892E		TP893E		TP894E		TP895E		TP896E		TP897E		TP898E		TP899E		TP900E		TP901E		TP902E		TP903E		TP904E		TP905E		TP906E		TP907E		TP908E		TP909E		TP910E		TP911E		TP912E		TP913E		TP914E		TP915E		TP916E		TP917E		TP918E		TP919E		TP920E		TP921E		TP922E		TP923E		TP924E		TP925E		TP926E		TP927E		TP928E		TP929E		TP930E		TP931E		TP932E		TP933E		TP934E		TP935E		TP936E		TP937E		TP938E		TP939E		TP940E		TP941E		TP942E		TP943E		TP944E		TP945E		TP946E		TP947E		TP948E		TP949E		TP950E		TP951E		TP952E		TP953E		TP954E		TP955E		TP956E		TP957E		TP958E		TP959E		TP960E		TP961E		TP962E		TP963E		TP964E		TP965E		TP966E		TP967E		TP968E		TP969E		TP970E		TP971E		TP972E		TP973E		TP974E		TP975E		TP976E		TP977E		TP978E		TP979E		TP980E		TP981E		TP982E		TP983E		TP984E		TP985E		TP986E		TP987E		TP988E		TP989E		TP990E		TP991E		TP992E		TP993E		TP994E		TP995E		TP996E		TP997E		TP998E		TP999E		TP1000E		TP1001E		TP1002E		TP1003E		TP1004E		TP1005E		TP1006E		TP1007E		TP1008E		TP1009E		TP1010E		TP1011E		TP1012E		TP1013E		TP1014E		TP1015E		TP1016E		TP1017E		TP1018E		TP1019E		TP1020E		TP1021E		TP1022E		TP1023E		TP1024E		TP1025E		TP1026E		TP1027E		TP1028E		TP1029E		TP1030E		TP1031E		TP1032E		TP1033E		TP1034E		TP1035E		TP1036E		TP1037E		TP1038E		TP1039E		TP1040E		TP1041E		TP1042E		TP1043E		TP1044E		TP1045E		TP1046E		TP1047E		TP1048E		TP1049E		TP1050E		TP1051E		TP1052E		TP1053E		TP1054E		TP1055E		TP1056E		TP1057E		TP1058E		TP1059E		TP1060E		TP1061E		TP1062E		TP1063E		TP1064E		TP1065E		TP1066E		TP1067E		TP1068E		TP1069E		TP1070E		TP1071E		TP1072E		TP1073E		TP1074E		TP1075E		TP1076E		TP1077E		TP1078E		TP1079E		TP1080E		TP1081E		TP1082E		TP1083E		TP1084E		TP1085E		TP1086E		TP1087E		TP1088E		TP1089E		TP1090E		TP1091E		TP1092E		TP1093E		TP1094E		TP1095E		TP1096E		TP1097E		TP1098E		TP1099E		TP1100E		TP1101E		TP1102E		TP1103E		TP1104E		TP1105E		TP1106E		TP1107E		TP1108E		TP1109E		TP1110E		TP1111E		TP1112E		TP1113E		TP1114E		TP1115E		TP1116E		TP1117E		TP1118E		TP1119E		TP1120E		TP1121E		TP1122E		TP1123E		TP1124E		TP1125E		TP1126E		TP1127E		TP1128E		TP1129E		TP1130E		TP1131E		TP1132E		TP1133E		TP1134E		TP1135E		TP1136E		TP1137E		TP1138E		TP1139E		TP1140E		TP1141E		TP1142E		TP1143E		TP1144E		TP1145E		TP1146E		TP1147E		TP1148E		TP1149E		TP1150E		TP1151E		TP1152E		TP1153E		TP1154E		TP1155E		TP1156E		TP1157E		TP1158E		TP1159E		TP1160E		TP1161E		TP1162E		TP1163E		TP1164E		TP1165E		TP1166E		TP1167E		TP1168E		TP1169E		TP1170E		TP1171E		TP1172E		TP1173E		TP1174E		TP1175E		TP1176E		TP1177E		TP1178E		TP1179E		TP1180E		TP1181E		TP1182E		TP1183E		TP1184E		TP1185E		TP1186E		TP1187E		TP1188E		TP1189E		TP1190E		TP1191E		TP1192E		TP1193E		TP1194E		TP1195E		TP1196E		TP1197E		TP1198E		TP1199E		TP1200E		TP1201E		TP1202E		TP1203E		TP1204E		TP1205E		TP1206E		TP1207E		TP1208E		TP1209E		TP1210E		TP1211E		TP1212E		TP1213E		TP1214E		TP1215E		TP1216E		TP1217E		TP1218E		TP1219E		TP1220E		TP1221E		TP1222E		TP1223E		TP1224E		TP1225E		TP1226E		TP1227E		TP1228E		TP1229E		TP1230E		TP1231E		TP1232E		TP1233E		TP1234E		TP1235E		TP1236E		TP1237E		TP1238E		TP1239E		TP1240E		TP1241E		TP1242E		TP1243E		TP1244E		TP1245E		TP1246E		TP1247E		TP1248E		TP1249E		TP1250E		TP1251E		TP1252E		TP1253E		TP1254E		TP1255E		TP1256E		TP1257E		TP1258E		TP1259E		TP1260E		TP1261E		TP1262E		TP1263E		TP1264E		TP1265E		TP1266E		TP1267E		TP1268E		TP1269E		TP1270E		TP1271E		TP1272E		TP1273E		TP1274E		TP1275E		TP1276E		TP1277E		TP1278E		TP1279E		TP1280E		TP1281E		TP1282E		TP1283E		TP1284E		TP1285E		TP1286E		TP1287E		TP1288E		TP1289E		TP1290E		TP1291E		TP1292E		TP1293E		TP1294E		TP1295E		TP1296E		TP1297E		TP1298E		TP1299E		TP1300E		TP1301E		TP1302E		TP1303E		TP1304E		TP1305E		TP1306E		TP1307E		TP1308E		TP1309E		TP1310E		TP1311E		TP1312E		TP1313E		TP1314E		TP1315E		TP1316E		TP1317E		TP1318E		TP1319E		TP1320E		TP1321E		TP1322E		TP1323E		TP1324E		TP1325E		TP1326E		TP1327E	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Notes

-/- = not analysed
nv = no value
<mtd = below method detection limit
Note 1: Total Xylenes = Sum of M,P-Xylene and O-Xylene

A = UK Drinking Water Standards (DWS) 2000
B = USEPA Region 9 (pathway specific)
C = World Health Organisation Drinking Water Guidelines (WHO DWG)
D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997
E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998
F = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1999
G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998
H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992
J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS
K = UK Soil Guideline Values (SGV)
L = Dutch SRC
M = US EPA Region 9 PRG
N = Corrected DV
P = US EPA Region 3
Q = Dutch SRC: NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 6 - TPH Soil

Plot E

Stage 2 - Analytical Results - Soil TPH

Field Identification			TP737E TP739E TP739R TP741E TP742E TP743E TP745E TP746E TP747E TP748E TP749E TP750E W5721E W5734E W5740E															
Sample Depth	Sample Type	Sample Round	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
			Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	
			GAC protective of:															
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source												
TPH Aromatics by GC-FID																		
TPH (<EC5-7) Aromatic	0.01	mg/kg	14.30	F	0.06	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC7-8) Aromatic	0.01	mg/kg	14.4	F	0.08	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC9-10) Aromatic	0.01	mg/kg	5.10	F	0.10	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC10-12) Aromatic	0.01	mg/kg	27.0	F	0.15	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC12-16) Aromatic	0.1	mg/kg	130	F	0.3	A	2.2	<mdl	<mdl	<mdl	<mdl	0.1	-	-	2.1	-	<mdl	
TPH (<EC16-21) Aromatic	0.1	mg/kg	1,600	F	1.0	A	1.8	<mdl	<mdl	<mdl	3.6	-	-	0.4	-	<mdl	<mdl	
TPH (<EC21-35) Aromatic	0.1	mg/kg	1,700	F	7.6	A	3.7	<mdl	0.5	<mdl	82.0	-	-	11.0	-	<mdl	<mdl	
Total Aromatics (<C4-C30)	0.1	mg/kg	nv	nv	nv	nv	7.6	<mdl	0.5	<mdl	86.0	-	-	<mdl	-	<mdl	<mdl	
Total Aromatics >C30-C40	10	mg/kg	nv	nv	nv	nv	-	-	-	-	<mdl	<mdl	-	<mdl	-	-	-	
TPH Aliphatics by GC-FID																		
TPH (<EC5-6) Aliphatic	0.01	mg/kg	8.10	F	0.07	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC6-8) Aliphatic	0.01	mg/kg	15.90	F	0.27	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC9-10) Aliphatic	0.01	mg/kg	3.20	F	1.95	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC10-12) Aliphatic	0.01	mg/kg	16.1	F	15.2	A	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (<EC12-16) Aliphatic	0.1	mg/kg	600	F	301	A	5.5	<mdl	<mdl	0.3	<mdl	0.3	-	<mdl	<mdl	4.7	<mdl	
TPH (<EC16-21) Aliphatic	0.1	mg/kg	110,000	F	37,861	A	1.2	<mdl	<mdl	7.2	2.6	-	-	0.7	-	<mdl	<mdl	
TPH (<EC21-35) Aliphatic	0.1	mg/kg	110,000	F	37,861	A	0.4	<mdl	<mdl	8.7	130.0	-	-	62.0	-	<mdl	<mdl	
Total Aliphatics (<C5-C35)	0.1	mg/kg	nv	nv	nv	nv	7.2	<mdl	<mdl	16.0	130.0	-	-	88.0	-	<mdl	<mdl	
Total Aliphatics >C35-C40 (Min Oil)	10	mg/kg	nv	nv	nv	nv	-	-	-	<mdl	<mdl	-	-	34.0	-	<mdl	<mdl	
TPH-PRO (C4-C12)																		
TPH (C5-C10)	0.01	mg/kg	nv	nv	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
TPH (C5-C12)	0.1	mg/kg	nv	nv	0.1	A	15.0	<mdl	0.5	16.0	220.0	-	-	88.0	-	<mdl	<mdl	
Total Hydrocarbons	0.01	mg/kg	nv	nv	nv	nv	-	-	-	-	<mdl	<mdl	-	180.00	-	-	-	
Total TPH	0.01	mg/kg	nv	nv	0.06	A	-	-	-	-	-	-	-	-	-	-	-	
						Hazard Index			0.04	0.01	0.01	0.01	0.06	-	-	0.03	-	
									0.04	0.01	0.01	0.01	0.04	0.01	0.01	0.04	0.02	
BTXs by GC-FID																		
Benzene	0.01	mg/kg	0.03	F	0.03	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
Ethylbenzene	0.01	mg/kg	16.0	K	0.83	C	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
MTBE	0.01	mg/kg	38.3	K	0.002	G	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
Toluene	0.01	mg/kg	3.00	F	0.04	B	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
m-Xylene	0.01	mg/kg	see note 1	nv	see note 1	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
o-Xylene	0.01	mg/kg	see note 1	F	see note 1	J	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
Total Xylene	0.01	mg/kg	7.20	F	0.08	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl	
C9-C10	10	mg/kg	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	
C10-C12	10	mg/kg	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	
C12-C16	10	mg/kg	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	
C16-C21	10	mg/kg	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	
C21-C35	10	mg/kg	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	

Notes

-/- = not analysed
nv = no value
<mdl = below method detection limit
Note 1: Total Xylenes = Sum of m,p-Xylene and o-Xylene

A = UK Drinking Water Standards (DWS) 2000
B = USEPA Region 9 (pathway specific)
C = World Health Organisation Drinking Water Guidelines (WHO DWG)
D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997
E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998
F = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1999
G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2000
H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2001
I = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2002
J = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2003
K = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2004
L = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2005
M = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2006
N = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2007
O = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2008
P = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2009
Q = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2010
R = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2011
S = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 2012

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 7 - PAH Soil

Plot E

Stage 2 - Analytical Results - PAH Soil

Field Identification							WS153	WS163
Sample Depth							0.1-0.4	0.05-0.5
Sample Type							SOIL	SOIL
Sample Round							Oct-01	Oct-01
			GAC protective of:					
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source		
1-Methylnaphthalene	0.1	mg/kg	nv	nv	nv	nv	<mdl	<mdl
2-Methylnaphthalene	0.1	mg/kg	1,564	P	nv	nv	<mdl	<mdl
Acenaphthene	0.001	mg/kg	910	F	15.6	B	<mdl	<mdl
Anthracene	0.001	mg/kg	16,000	F	323	B	<mdl	31.6
Benzo(a)anthracene	0.1	mg/kg	11.1	F	0.0205	B	<mdl	116
Benzo(a)pyrene	0.001	mg/kg	1.1	F	0.06	A	<mdl	114
Benzo(b)fluoranthene	0.001	mg/kg	11.1	F	nv	A	<mdl	104
Benzo(g,h,i)perylene	0.1	mg/kg	1,600	F	nv	A	<mdl	54.7
Benzo(k)fluoranthene	0.001	mg/kg	11.1	F	nv	A	<mdl	94.8
Benzyl alcohol	0.1	mg/kg	18,331	M	2.2	B	<mdl	<mdl
Biphenyl	0.1	mg/kg	3014.44942	B	0.47842774	E	<mdl	<mdl
Bis(2-Ethylhexyl)Phthalate	0.1	mg/kg	34.7	M	4.2	C	<mdl	<mdl
Butylbenzylphthalate	0.1	mg/kg	12,221	M	2,520	B	<mdl	<mdl
Chrysene	0.001	mg/kg	110	F	0.25	B	<mdl	122
Dibenzofuran	0.1	mg/kg	145	M	0.378	B	<mdl	<mdl
Di-N-Butylphthalate	0.1	mg/kg	nv	nv	nv	nv	<mdl	<mdl
Di-N-Octylphthalate	0.1	mg/kg	2,444	M	nv	B	<mdl	<mdl
Fluoranthene	0.001	mg/kg	110	F	0.13	A	<mdl	247
Fluorene	0.001	mg/kg	2,000	F	20.2	B	<mdl	<mdl
Indeno(1,2,3-cd)pyrene	0.001	mg/kg	11.1	F	nv	A	<mdl	65.6
Naphthalene	0.001	mg/kg	6.3	F	0.04	E	<mdl	<mdl
Phenanthrene	0.001	mg/kg	1,000	F	1.38	A	<mdl	116
Pyrene	0.001	mg/kg	1,100	F	115	B	<mdl	198
Total PAH	0.001	mg/kg	nv	nv	nv	nv	<mdl	961.7
Sum of 4 PAHs (see note 1)	0.001	mg/kg	nv	nv	0.24	A	<mdl	319.1

Notes

" - " = not analysed

nv = no value

<mdl = below method detection limit

Note 1: Total PAH (Sum of 4) = Sum of benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene and indeno(1,2,3-cd)pyrene'.

A = UK Drinking Water Standards (DWS) 2000

B = USEPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997

E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989

F = URS Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998

H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992

J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS

K = UK Soil Guideline Values (SGV)

L = Dutch SRC

M = US EPA Region 9 PRG

N = Corrected DIV

P = US EPA Region 3

Q = Dutch SRC: NB based on Res with Gardens

R = Dutch Indicative Intervention Value

S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria

Rhodia Whitehaven Plot E

URS Corporation Ltd

44320215
04/05/2007

Table 7 - PAH Soil

XX	Reported concentration exceeds Stage 2 controlled waters screening criteria
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Table 8 - PCB Soil

Plot E

Stage 2 - Analytical Results - PCB Soil

Field Identification							WS402	WS416	TP720E	TP722E	TP741E	TP743E	WS721E	WS729E
Sample Depth							0.5	1.2	0.7	0.5	0.3	0.3	0.3	1.2
Sample Type							SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Round							Jun-05	Jun-05	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07
GAC protective of:														
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source								
PCB Congener 101	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
PCB Congener 118	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
PCB Congener 138	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
PCB Congener 153	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
PCB Congener 180	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
PCB Congener 28	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
PCB Congener 52	0.001	mg/kg	0.1	A	nv	nv	<mdl	<mdl	-	-	-	-	-	-
Total PCBs	0.02	mg/kg	0.5	A	nv	nv	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	0.026	0.035

Notes

" - " = not analysed

nv = no value

<mdl = below method detection limit

A = UK Drinking Water Standards (DWS) 2000

B = USEPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997

E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989

F = URS Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998

H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992

J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS

K = UK Soil Guideline Values (SGV)

L = Dutch SRC

M = US EPA Region 9 PRG

N = Corrected DIV

P = US EPA Region 3

Q = Dutch SRC: NB based on Res with Gardens

R = Dutch Indicative Intervention Value

S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 9 - Miscellaneous Soil

Plot E

Stage 2 - Analytical Results - Miscellaneous Soil

Field Identification						WS153	WS153	ERMSB20	ERMSB23	TP720E	TP722E	TP723E	TP724E	TP725E	TP726E	TP727E	TP727E	TP727E	TP728E	TP728E	TP730E	TP732E	TP735E	TP735E	TP736E	TP737E	
Sample Depth						0.1-0.4	0.3-0.5	2.1	0.8-0.9	0.7	1.5	3.5	0.5	0.7	1.0	0.4	1.0	3.0	1.0	2.0	1.5	1.8	0.7	3.0	0.4	1.8	
Sample Type						SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
Sample Round						Oct-01	Oct-01	Jun-03	Jun-03	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	
GAC protective of:																											
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source																					
Ammoniacal Nitrogen	15	mg/kg	nv	nv	nv	nv	-	-	-	-	43	<mdl	-	<mdl	-	-	<mdl	-	-	<mdl	-	<mdl	<mdl	-	<mdl	<mdl	<mdl
Nitrate (soluble) as NO3	1	mg/kg	nv	nv	8	A	-	-	-	-	<mdl	3	-	2	-	-	<mdl	-	-	5	-	4	29	-	33	6	30
pH	1.00	pH units	nv	nv	nv	nv	9.80	8.90	8.80	10.50	-	7.51	7.56	-	7.49	8.91	-	8.66	-	7.97	-	-	-	10.08	-	10.53	9.21
Phosphate (Ortho as PO4)	1	mg/kg	nv	nv	nv	nv	-	-	-	-	-	<mdl	<mdl	-	<mdl	<mdl	-	-	<mdl	<mdl	-	-	-	<mdl	-	<mdl	<mdl
Total Cyanide ¹	1	mg/kg	35	F	nv	nv	-	-	-	-	-	<mdl	<mdl	-	<mdl	<mdl	-	-	<mdl	<mdl	-	-	-	<mdl	-	<mdl	-
Total Organic Carbon	0.20	%	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	-	-	0.60	-	-	-	-	-	-	-
Total Sulphate	100	mg/kg	nv	nv	nv	nv	-	-	-	-	-	1,100	350	-	690	620	-	-	1,000	270	-	-	-	14,000	-	1,800	4,000

Notes
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nv = no value
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Note 1 Human Health Criteria for cyanide based on acute risk from total and free cyanide

A = UK Drinking Water Standards (DWS) 2000
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H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992
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L = Dutch SRC
M = US EPA Region 9 PRG
N = Corrected DIV
P = US EPA Region 3
Q = Dutch SRC: NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 9 - Miscellaneous Soil

Plot E

Stage 2 - Analytical Results - Miscellaneous Soil

Field Identification															TP738E	TP738E	TP739E	TP741E	TP742E	TP743E	TP745E	TP745E	TP746E	TP746E	TP748E	TP748E	TP749E	TP750E	WS721E	WS729E	WS734E	WS734E	WS734E	WS740E
Sample Depth															0.3	1.8	0.4	0.3	2.0	0.3	0.3	1.0	0.3	1.9	0.2	1.3	0.5	0.6	0.3	0.6	0.4	3.4	2.6	
Sample Type															SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	
Sample Round															Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	
			GAC protective of:																															
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source																												
Ammoniacal Nitrogen	15	mg/kg	nv	nv	nv	nv	-	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	-	-	-	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl				
Nitrate (soluble) as NO3	1	mg/kg	nv	nv	8	A	-	4	<mdl	69	7	-	14	-	-	-	-	-	3	3	2	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	2	-	36			
pH	1.00	pH units	nv	nv	nv	nv	7.97	-	<mdl	-	7.93	8.50	9.15	-	8.66	-	8.15	8.45	-	-	7.87	7.70	8.52	9.65	-	-	-	-	-	7.75				
Phosphate (Ortho as PO4)	1	mg/kg	nv	nv	nv	nv	<mdl	-	-	<mdl	<mdl	<mdl	<mdl	-	<mdl	<mdl	-	-	<mdl	-	<mdl	2	<mdl	<mdl	-	-	-	-	-	<mdl				
Total Cyanide ¹	1	mg/kg	35	F	nv	nv	-	-	<mdl	<mdl	<mdl	<mdl	<mdl	-	<mdl	<mdl	-	-	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl				
Total Organic Carbon	0.20	%	nv	nv	nv	nv	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<mdl	-				
Total Sulphate	100	mg/kg	nv	nv	nv	nv	650	-	-	-	1,800	540	680	-	1,400	6,500	-	-	-	-	-	2,700	4,200	650	17,000	-	-	-	-	410				

Notes
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Note 1 Human Health Criteria for cyanide based on acute risk from total and free cyanide

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P = US EPA Region 3
Q = Dutch SRC: NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 10 - Metals Leachate

Plot E

Stage 2 - Analytical Results - metals leachate

Field Identification																						
Sample Depth				TP720E	TP722E	TP723E	TP724E	TP725E	TP726E	TP727E	TP728E	TP728E	TP730E	TP731E	TP732E	TP733E	TP735E	TP735E	TP736E	TP737E		
Sample Type				0.7	1.5	3.5	2.5	0.7	1.0	3.0	1.0	2.5	1.5	2.6	1.8	0.5	0.4	0.7	0.4	1.8		
Sample Round				LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE		
				Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07		
				GAC Protective of :																		
Chemical	Method Detection Limit	Units	Controlled Waters	Source																		
Arsenic	1	µg/l	25	D	4	<mdl	<mdl	<mdl	<mdl	3	<mdl	5	6	<mdl	<mdl	<mdl	2	<mdl	6	2	2	
Boron	10	µg/l	7,000	E	<mdl	<mdl	<mdl	<mdl	<mdl	40	18	58	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	17	36	11	
Cadmium	0.4	µg/l	2.5	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	
Chromium	1	µg/l	15	E	<mdl	<mdl	<mdl	<mdl	<mdl	1	2	3	8	<mdl	<mdl	1	<mdl	17	2	25	<mdl	
Copper	1	µg/l	5	E	12	10	10	10	11	11	7	9	18	11	10	11	11	9	17	21	11	
Lead	1	µg/l	25	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	4	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	4	
Mercury	0.05	µg/l	0.3	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	
Nickel	1	µg/l	30	E	1	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	4	<mdl	<mdl	<mdl	<mdl	1	5	<mdl	<mdl		
Selenium	1	µg/l	10	A	1	<mdl	<mdl	<mdl	<mdl	<mdl	7	4	<mdl	<mdl	<mdl	<mdl	3	5	4	3		
Zinc	3	µg/l	40	E	32	26	31	27	32	27	9	12	16	29	32	28	30	<mdl	28	9	55	

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P = US EPA Region 3
Q = Dutch SRC. NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 10 - Metals Leachate

Plot E

Stage 2 - Analytical Results - metals leachate

Field Identification				TP738E	TP739E	TP741E	TP742E	TP743E	TP745E	TP745E	TP746E	TP746E	TP747E	TP747E	TP748E	TP749E	TP750E	WS721E	WS729E	WS734E	WS734E	WS740E	WS740E
Sample Depth				0.3	0.4	0.3	2.0	0.3	0.3	1.0	0.3	1.9	1.5	0.2	1.3	0.6	0.3	0.6	0.4	3.4	0.6	0.6	2.6
Sample Type				LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
Sample Round				Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07
				GAC Protective of :																			
Chemical	Method Detection Limit	Units	Controlled Waters	Source																			
Arsenic	1	µg/l	25	D	<mdl	8	1	<mdl	<mdl	2	<mdl	<mdl	<mdl	<mdl	<mdl	2	1	4	<mdl	<mdl	<mdl	<mdl	<mdl
Boron	10	µg/l	7,000	E	12	32	43	14	<mdl	52	56	54	<mdl	<mdl	<mdl	89	20	13	<mdl	61	<mdl	<mdl	<mdl
Cadmium	0.4	µg/l	2.5	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Chromium	1	µg/l	15	E	2	2	<mdl	<mdl	<mdl	4	3	<mdl	2	<mdl	<mdl	2	2	9	<mdl	<mdl	<mdl	<mdl	<mdl
Copper	1	µg/l	5	E	10	14	10	10	13	22	14	14	11	12	12	11	30	14	9	14	10	12	9
Lead	1	µg/l	25	E	<mdl	2	<mdl	<mdl	2	1	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	4	<mdl	<mdl	<mdl	<mdl	<mdl
Mercury	0.05	µg/l	0.3	E	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Nickel	1	µg/l	30	E	<mdl	<mdl	<mdl	<mdl	<mdl	2	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	11	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl
Selenium	1	µg/l	10	A	2	5	1	1	<mdl	5	<mdl	3	2	<mdl	<mdl	1	<mdl	1	1	5	<mdl	<mdl	<mdl
Zinc	3	µg/l	40	E	26	29	32	28	28	17	8	10	16	27	31	30	28	35	30	29	29	24	31

Notes
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S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health i
XX	Reported concentration exceeds Stage 2 human health i
XX	Reported concentration exceeds Stage 2 controlled water

Table 11 - SVOCs Leachate

Plot E

Stage 2 - Analytical Results - Leachate SVOCs

Field Identification		TP2726		TP2728		TP2732		TP2742		TP2746		TP2752		TP2772		TP2776		TP2778		TP2782		TP2786		TP2792		TP2802		TP2806		TP2812		TP2816		TP2822		TP2826		TP2832		TP2836		TP2842		TP2846		TP2852		TP2856					
Sample Depth	Sample Type	1A	1B	1C	2A	2B	2C	3A	3B	3C	4A	4B	4C	5A	5B	5C	6A	6B	6C	7A	7B	7C	8A	8B	8C	9A	9B	9C	10A	10B	10C	11A	11B	11C	12A	12B	12C	13A	13B	13C	14A	14B	14C	15A	15B	15C							
Sample Range		LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE						
		Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07							
		GAC protective oil																																																			
Chemical	Method Detection Limit	Units	Controlled Motors	Source																																																	
1,2,4-Trichlorobenzene	1	µg/L	7.2	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd					
1,2-Dichlorobenzene	1	µg/L	1,000	C	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd				
1,3-Dichlorobenzene	1	µg/L	183	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd				
1,4-Dichlorobenzene	1	µg/L	300	C	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd				
1-Chlorobenzene	1	µg/L	8.0	C	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2,4,6-Trichlorophenol	1	µg/L	200	C	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2,4-Dichlorophenol	1	µg/L	20	E	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2,4,6-Trichlorophenol	1	µg/L	735	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2,6-Dimethylphenol	1	µg/L	73	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Chlorophenol	1	µg/L	35	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Chlorophenol	1	µg/L	487	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Chlorophenol	1	µg/L	19	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Chlorophenol	1	µg/L	19	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Methylphenol	1	µg/L	1,825	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Naphthol	1	µg/L	109	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
2-Naphthol	1	µg/L	19	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd			
3-Nitroanisole	1	µg/L	3.2	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
3-Nitroanisole	1	µg/L	19	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
3-Nitroanisole	1	µg/L	19	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
4-Chloro-3-Methylphenol	1	µg/L	40	E	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
4-Chlorophenol	1	µg/L	148	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
4-Chlorophenol	1	µg/L	10	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
4-Ethoxyphenol	1	µg/L	152	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd		
4-Methylphenol	1	µg/L	3.2	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	
4-Nitrophenol	1	µg/L	19	rv	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	
Acetophenone	1	µg/L	305	B	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd	<mtd												

Notes

* = not analysed
ns = no value
- = below method detection limit
ns = unacceptable risk to receptor cannot be achieved due to calculated saturation of oxygen pathway

Notes: 2. Total PPH (Sum of 4) = Sum of benzocyclohexanone, benzoin, 4,4'-lignone, benzocyclohexanol

3 = UK Drinking Water Standards (DWS) 2000
4 = EU BPA Region 9 pathway specific
5 = C = World Health Organisation Drinking Water Guidelines (WHO DWG)
6 = UK Marine / Estuarine EUS Surface Waters (Dangerous Substances)(Classification) Regulation 13
7 = UK Marine / Estuarine EUS Surface Waters (Dangerous Substances)(Classification) Regulation 13
8 = US EPA Region 9
9 = US EPA Region 9
10 = US EPA Region 9
11 = UK Marine / Estuarine EUS Surface Waters (Dangerous Substances)(Classification) Regulation 13
12 = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS
13 = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS
14 = Dutch SRP
15 = US EPA Region 9 PRG
16 = Corrected DWG
17 = US EPA Region 9
18 = Dutch SRP, NB based on Values with Caudens
19 = Dutch Indicative Intervention Value
20 = Freshwater

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 12- TPH Leachate

Plot E

Stage 2 - Analytical Results - TPH Leachate

[illegible]

Notes

" - " = not analysed

nv = no value

<mdl = below method detection limit

sat = unacceptable risk to receptor cannot be achieved due to calculated saturation of vapour pathway

Note 1: Total Xylenes = Sum of M,P-Xylene and O-Xylene

A = UK Drinking Water Standards (DWS) 2000

B = USEPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997

E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989

F = URS Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998

H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(0

J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS

K = UK Soil Guideline Values (SGV,
 1995, 2004, 2009)

L = Dutch SRC

M = US EPA Region
N = Number of PM₁₀

N = Corrected DIV

P = US EPA Region 3
Q = Dutch CDC; NB based on Dec with

Q = Dutch SRC: NB based on Res with
R = Dutch Indicative Interpretation Matrix

R = Dutch Indicative
S = Freshwater EOS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 12- TPH Leachate

Plot E

Stage 2 - Analytical Results - TPH Leachate

[illegible]

Notes

" - " = not analysed

nv = no value

<mdl = below method detection limit

sat = unacceptable risk to receptor cannot be achieved due to calculated saturation

Note 1: Total Xylenes = Sum of M,P-Xylene and O-Xylene

A = UK Drinking Water Standards (DWS) 2000

B = USEPA Region 9 (pathway specific)

C = World Health Organisation Drinking Water Guidelines (WHO DWG)

D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification)

E = UK Marine / Estuarine EQS Surface Water

E = URS Generic Assessment Criteria (GAC)

G = UK Marine / Estuarine EOS Surface Water

H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification)

1 = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS

K = UK Soil Guideline Values (SGV)

K = UK Soil GL
I = Dutch SRC

L = Dutch SRC
M = US EPA Region 9 PRC

M = US EPA Region
N = Corrected DBP

N = Corrected DIV
R = US EPA Region 5

P = US EPA Region 3
Q = Dutch SPRC; NB based on Dec with Garden

Q = Dutch SRC: NB based on Res with
R = Dutch Indicative Interpretation Measure

R = Dutch Indicative I

S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health protection value
XX	Reported concentration exceeds Stage 2 human health protection value
XX	Reported concentration exceeds Stage 2 controller value

Table 13 - Miscellaneous Leachate

Plot E

Stage 2 - Analytical Results - Miscellaneous Leachate

Field Identification				TP720E	TP720E	TP722E	TP722E	TP723E	TP724E	TP724E	TP725E	TP725E	TP726E	TP727E	TP727E	TP727E	TP728E	TP728E	TP730E	TP731E	TP731E	TP732E	TP732E	TP733E	TP733E		
Sample Depth				0.7	1.4	0.5	1.5	3.5	0.5	2.5	0.7	1.3	1.0	0.4	0.5	1.0	3.0	1.0	2.5	1.5	0.6	2.6	0.3	1.8	0.5	1.9	
Sample Type				LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE		
Date				Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07		
GAC protective of:																											
Chemical		Method Detection Limit	Units	Controlled Waters	Source																						
Anionic Surfactant		50	µg/l	5.475	A	860	300	<mdl	-	<mdl	<mdl	<mdl	<mdl	70	<mdl	-	<mdl	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl		
Leachable pH		1.00	pH units	6 - 8.5	E	8.01	-	7.39	8.13	7.17	-	7.52	7.83	-	7.86	10.04	-	7.89	-	7.87	7.85	7.74	8.16	7.80	-	8.14	8.15
Leachable phosphate (ortho as PO4)		80	µg/l	N/A	nv	400	-	<mdl	<mdl	-	<mdl	<mdl	<mdl	-	480	-	-	-	<mdl	270	<mdl	<mdl	-	<mdl	-	<mdl	870
Leachable Sulphate		3,000	µg/l	N/A	nv	<mdl	-	36,000	32,000	20,000	-	44,000	3,000	-	7,000	-	-	-	36,000	14,000	20,000	4,000	4,000	12,000	-	31,000	36,000
Leachable Total Cyanide		50	µg/l	N/A	nv	<mdl	-	-	<mdl	-	-	<mdl	<mdl	-	<mdl	-	-	-	<mdl	<mdl	<mdl	<mdl	-	<mdl	-	<mdl	<mdl
Leachable Total Organic Nitrogen		1,000	%	N/A	nv	-	-	-	-	-	-	-	-	-	-	<mdl	-	-	3,000	<mdl	<mdl	-	-	-	-	-	-

Notes
"- " = not analysed
nv = no value
<mdl = below method detection limit

A = UK Drinking Water Standards (DWS) 2000
B = USEPA Region 9 (pathway specific)
C = World Health Organisation Drinking Water Guidelines (WHO DWG)
D = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1997
E = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1989
F = URS Generic Assessment Criteria (GAC)
G = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1998
H = UK Marine / Estuarine EQS Surface Waters (Dangerous Substances)(Classification) Regulation 1992
J = UK Marine / Estuarine Environmental Quality Standards (EQS) UK EQS
K = UK Soil Guideline Values (SGV)
L = Dutch SRC
M = US EPA Region 9 PRG
N = Corrected DIV
P = US EPA Region 3
Q = Dutch SRC: NB based on Res with Gardens
R = Dutch Indicative Intervention Value
S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 13 - Miscellaneous Leachate

Plot E

Stage 2 - Analytical Results - Miscellaneous Leachate

Field Identification				TP735E TP735E TP736E TP737E TP737E TP738E TP739E TP739E TP741E TP741E TP742E TP742E TP743E TP743E TP745E TP745E TP746E TP746E TP747E TP747E TP748E TP748E TP749E TP749E																							
Sample Depth				0.4 0.7 0.4 0.2 1.8 0.3 0.4 0.8 0.3 2.2 0.3 2.0 0.3 2.0 0.3 1.0 0.3 1.9 1.5 0.2 1.3 0.5 1.3																							
Sample Type				LEACHATE LEACHATE																							
Date				Mar-07 Mar-07																							
GAC protective of:																											
Chemical	Method Detection Limit	Units	Controlled Waters	Source																							
Anionic Surfactant	50	µg/l	5.475	A	<mdl	<mdl	<mdl	-	50	<mdl	-	<mdl	80	<mdl	110	<mdl	<mdl	<mdl	-	<mdl	<mdl	<mdl	<mdl	-	60	-	
Leachable pH	1.00	pH units	6 - 8.5	E	8.31	8.05	9.94	-	7.73	7.84	7.91	7.98	8.12	8.14	-	8.13	7.99	-	-	8.01	-	8.03	8.15	8.06	-	8.33	7.88
Leachable phosphate (ortho as PO4)	80	µg/l	N/A	nv	-	<mdl	<mdl	-	310	<mdl	750	<mdl	80	<mdl	-	<mdl	90	-	<mdl	<mdl	<mdl	80	<mdl	<mdl	120	<mdl	<mdl
Leachable Sulphate	3,000	µg/l	N/A	nv	54,000	130,000	19,000	63,000	48,000	31,000	-	13,000	36,000	34,000	-	12,000	12,000	-	15,000	7,000	16,000	26,000	11,000	<mdl	-	18,000	29,000
Leachable Total Cyanide	50	µg/l	N/A	nv	-	<mdl	<mdl	-	<mdl	<mdl	<mdl	-	<mdl	-	-	<mdl	<mdl	-	<mdl	<mdl	<mdl	<mdl	<mdl	<mdl	-	-	<mdl
Leachable Total Organic Nitrogen	1,000	%	N/A	nv	-	-	2,000	-	-	-	-	-	-	-	-	-	-	-	<mdl	2,000	<mdl	<mdl	<mdl	-	-	-	-

Notes
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XX	Reported concentration exceeds Stage 2 human hea
XX	Reported concentration exceeds Stage 2 human hea
XX	Reported concentration exceeds Stage 2 controlled v

Table 13 - Miscellaneous Leachate

Plot E

Stage 2 - Analytical Results - Miscellaneous Leachate

Field Identification	TP750E	TP750E	WS721E	WS721E	WS729E	WS729E	WS729E	WS734E	WS734E	WS734E	WS740E	WS740E
Sample Depth	0.6	2.0	0.3	3.3	0.6	1.2	2.5	0.4	0.9	3.4	0.6	2.6
Sample Type	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
Date	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07

GAC protective of:

Chemical	Method Detection Limit	Units	Controlled Waters	Source											
Anionic Surfactant	50	µg/l	5.475	A	<mdl	<mdl	-	-	-	-	<mdl	-	<mdl	<mdl	<mdl
Leachable pH	1.00	pH units	6 - 8.5	E	7.95	8.11	7.94	7.84	8.19	8.30	7.57	7.65	7.06	-	8.06 7.78
Leachable phosphate (ortho as PO4)	80	µg/l	N/A	nv	190	<mdl	1,400	<mdl	<mdl	-	<mdl	<mdl	<mdl	390	<mdl
Leachable Sulphate	3,000	µg/l	N/A	nv	130,000	150,000	360,000	-	4,000	-	<mdl	45,000	25,000	13,000	3,000 5,000
Leachable Total Cyanide	50	µg/l	N/A	nv	<mdl	<mdl	<mdl	-	<mdl	-	-	<mdl	-	<mdl	<mdl
Leachable Total Organic Nitrogen	1,000	%	N/A	nv	-	-	-	-	-	-	-	-	-	-	-

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XX	Reported concentration exceeds Stage 2 human hea
XX	Reported concentration exceeds Stage 2 human hea
XX	Reported concentration exceeds Stage 2 controlled v

Table 14 - Metals Water

Plot E

Stage 2 - Analytical Results - Metals Water

Field Identification							WS153	ERMSB20
Sample Type							WATER	WATER
Sample Round							Oct-01	Jun-03
			GAC protective of:					
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source		
Chromium	20	µg/l	no pathway	A	15	E	<mdl	<mdl
Copper	10	µg/l	no pathway	A	5	E	<mdl	<mdl

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XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 15 - PCB Water

Plot E

Stage 2 - Analytical Results - PCB Water

Field Identification						WS402	WS416	TP720E	TP722E	TP741E	TP743E	WS721E	WS729E
Sample Depth						0.5	1.2	0.7	0.5	0.3	0.3	0.3	1.2
Sample Type						WATER	WATER	WATER	WATER	WATER	WATER	WATER	WATER
Date						Jun-05	Jun-05	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07	Mar-07
SSTLs protective of:													
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source							
PCB Congener 101	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
PCB Congener 118	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
PCB Congener 138	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
PCB Congener 153	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
PCB Congener 180	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
PCB Congener 28	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
PCB Congener 52	0.001	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	-	-	-	-	-
Total PCBs	0.02	µg/l	nv	N/A	nv	N/A	<mdl	<mdl	<mdl	<mdl	<mdl	0.026	0.035

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R = Dutch Indicative Intervention Value

S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria

Table 16 - Miscellaneous Water

Plot E

Stage 2 - Analytical Results - Misc Water

Field Identification							WS153	ERMSB20
Sample Type							Water	Water
Date							Misc	Misc
			SSTLs protective of:				Oct-01	Jun-03
Chemical	Method Detection Limit	Units	Human Health	Source	Controlled Waters	Source		
pH	1	pH units	6.5-10	A	6 - 8.5	E	ND	ND

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R = Dutch Indicative Intervention Value

S = Freshwater EQS

XX	Reported concentration exceeds Stage 2 human health and controlled waters screening criteria
XX	Reported concentration exceeds Stage 2 human health screening criteria
XX	Reported concentration exceeds Stage 2 controlled waters screening criteria