Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	SoilSamp10	SoilSamp11	TP304	TP304	TP304	TP305
									Sample Ref	WA1034024	WA1034025	326R.TP304.ES03	326R.TP304.ES03	326R.TP304.ES03	326R.TP305.ES03
									Easting	384608.59	384669.16	384627.23	384627.23	384627.23	384559.16
									Northing	399622.25	399650.53	399632.01	399632.01	399632.01	399588
									Hole Elevation (mOD)	41.24	42.01	41.34	41.34	41.34	41.05
									Sample Depth (mbgl)	0	0	0.5	1.2	2.45	1
									Sample Date			22/02/22	22/02/22	22/02/22	24/02/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology			MG-G	MG-G	MG-G	MG-G
										RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
Sulphur (elemental)		mg/kg	No GAC	-	<5	890		0							
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0				<0.02			
Tin		mg/kg	No GAC	-	<5	<5		0							
Titanium		mg/kg	No GAC	-	67	420		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0							
Total Aromatics		mg/kg	No GAC	-	76	101		0							
Total Aromatics		mg/kg	No GAC	-	<1	6340		0					2		
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			
Trimethylphenol		mg/kg	No GAC	-	<0.5	<0.5		0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-	<0.5	<0.5		0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	290		0							
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-	<0.1	<0.1		0							
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0				<0.5			
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Ethers Total (from SVOC)		mg/kg	No GAC	-	<0.1	<0.1		0							
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Ortho Phosphate as P		mg/kg	No GAC	-				0							
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Phenols Total (from SVOC)		mg/kg	No GAC	-	<0.1	<0.1		0							
Phenols, Total		mg/kg	No GAC	-	<5	<5		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	340		0							
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	1200		0							
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	740		0							
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
									Sample Ref	326R.TP305.ES03	326R.TP306.ES03	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
									Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
									Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
									Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
									Sample Depth (mbgl)	2	3	0.5	1	1	1
									Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO
										RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
Metal															
Antimony	617.5682	mg/kg	88 of 128	0	<1	55		0			11	9	<5	<5	<5
Arsenic	39.9	mg/kg	130 of 131	17	<1	89		0			31	**40**	3	10	4
Beryllium	1.7	mg/kg	124 of 128	25	<0.2	3.9		0			**3**	**1.9**	<0.5	1.3	0.9
Cadmium	85	mg/kg	122 of 131	0	<0.1	7.2		0			1.5	1.7	<0.5	0.8	<0.5
Chromium	907	mg/kg	131 of 131	0	4.8	470		0			18	17	7	24	11
Chromium (hexavalent)	6	mg/kg	0 of 77	0	<1	<1		0					<1	<1	
Copper	7130	mg/kg	131 of 131	0	9.1	820		0			342	297	11	36	25
Lead	310	mg/kg	131 of 131	19	6.4	1400		0			131	**687**	7	88	93
Manganese		mg/kg	No GAC	-				0							
Mercury	56	mg/kg	83 of 131	0	<0.05	18		0			<0.17	0.45	<0.17	<0.17	<0.17
Nickel	181.4	mg/kg	131 of 131	0	6.6	69		0			50	40	7	32	14
Selenium	430	mg/kg	22 of 131	0	<0.5	10		0			<1	<1	<1	<1	<1
Vanadium	1200	mg/kg	128 of 128	0	7	640		0			54	45	8	31	14
Zinc	40400	mg/kg	131 of 131	0	26	1300		0			121	169	36	52	31
Inorganic															
pH		pH Units	No GAC	-	4.52	10.9		0			6.02	6.11	7.32	8.63	8.74
% Moisture at <40C		% w/w	No GAC	-	3.3	10.1		0							
% Stones >10mm		% w/w	No GAC	-	<0.1	48.5		0		29.1	9.2	14.2	6.6	6.9	<0.1
Cyanide	24	mg/kg	56 of 131	2	<0.1	68		0			<1	<1	<1	<1	<1
Complex Cyanide		mg/kg	No GAC	-	<0.2	12		0							
Cyanide (free)	24	mg/kg	1 of 5	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	10775	mg/kg	97 of 131	0	<0.2	3.5		0			<1	<1	<1	<1	<1
Total Organic Carbon		%	No GAC	-	<0.1	54		0		22.4	24	34.3	0.87	0.46	2.35
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	0.007	0.012		0							
Asbestos (Presence of)		---	No GAC	-				0							
Asbestos Analysts Comments		---	No GAC	-				0							
Phenol and mineral oils															
Phenol	1200	mg/kg	0 of 20	0	<0.1	<0.5		0			<0.1		<0.1	<0.1	<0.1
Phenol (Monohydric)	1200	mg/kg	26 of 131	0	<0.2	2.7		0			<0.2	<0.2	<0.2	<0.2	<0.2
Cresols		mg/kg	No GAC	-	<0.5	<0.5		0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	767	mg/kg	19 of 89	0	<1	130	283.0	0			<1	1	<1	<1	<1
Ali >C12-C16	4370	mg/kg	25 of 89	0	<1	262	142.0	2			<1	2	<1	<1	<1
Ali >C16-C21	48900	mg/kg	25 of 89	0	<1	315	50.90	6			<1	3	<1	<1	<1
Ali >C21-C35	48900	mg/kg	31 of 89	0	<1	350	50.90	14			1	39	<1	<1	<1
Ali >C35-C44	48901	mg/kg	18 of 56	0	<1	213	50.90	2			<1	12	<1	<1	<1
Ali >C5-C6	161	mg/kg	0 of 89	0	<0.01	<0.05		0			<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C6-C8	529	mg/kg	3 of 89	0	<0.01	1.2		0			<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C8-C10	155	mg/kg	17 of 89	0	<0.01	47		0			<1	2	<1	<1	<1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
									Sample Ref	326R.TP305.ES03	326R.TP306.ES03	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
									Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
									Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
									Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
									Sample Depth (mbgl)	2	3	0.5	1	1	1
									Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO
										RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
Aliphatics >C5-35		mg/kg	No GAC	-	<10	650		0							
Total Aliphatics		mg/kg	No GAC	-	<1	1110		0			1	59	<1	<1	<1
Aro >C10-C12	1240	mg/kg	26 of 89	0	<0.9	105		0			<1	2	<1	<1	<1
Aro >C12-C16	2480	mg/kg	40 of 89	0	<0.5	675		0			<1	6	<1	<1	<1
Aro >C16-C21	1817	mg/kg	41 of 89	0	<0.6	1540		0			<1	6	<1	<1	<1
Aro >C21-C35	1930	mg/kg	44 of 89	1	<1	3710		0			1	11	<1	<1	<1
Aro >C35-C44	1930	mg/kg	18 of 56	0	<1	192		0			<1	6	<1	<1	<1
Aro >C7-C8	3928	mg/kg	1 of 89	0	<0.01	0.38		0			<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C8-C10	269	mg/kg	16 of 89	0	<0.01	109		0			<1	3	<1	<1	<1
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	<10	1740		0		16		139			
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-	142	417		0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	<1	7450		0			2	93	<1	<1	<1
TPH >C10-40		mg/kg	No GAC	-	<10	1700		0							
PAH															
Acenaphthene	6040	mg/kg	51 of 96	0	<0.01	7.29	336.0	0			<0.01	0.01	<0.01	<0.01	0.11
Dibenz-a-h-anthracene	0.32	mg/kg	31 of 96	7	<0.03	5.51		0			<0.04	<0.04	<0.04	<0.04	<0.04
Fluoranthene	1580	mg/kg	75 of 96	0	<0.03	59		0			<0.08	0.29	<0.08	<0.08	0.88
Fluorene	4460	mg/kg	47 of 96	0	<0.01	13.4	183.0	0			<0.01	<0.01	<0.01	<0.01	0.1
Indeno(1,2,3-cd)pyrene	46	mg/kg	61 of 96	0	<0.03	24.1		0			0.19	0.13	<0.03	<0.03	0.11
Phenanthrene	1520	mg/kg	74 of 96	0	<0.03	74.4		0			<0.03	0.19	<0.03	<0.03	1.12
Pyrene	3790	mg/kg	76 of 96	0	<0.03	129		0			<0.07	0.28	<0.07	<0.07	0.83
Naphthalene	13.2	mg/kg	54 of 97	0	<0.01	10.2		0			<0.03	0.13	<0.03	<0.03	<0.03
PAH (total 17)		mg/kg	No GAC	-	0.04	220		0		0.18		2.43			
Total PAH-16MS		mg/kg	No GAC	-	<0.08	570		0			0.91	2.42	<0.08	<0.08	5
Pah,Total		mg/kg	No GAC	-	<0.1	100		0							
Acenaphthylene	5970	mg/kg	33 of 96	0	<0.01	10.9	506.0	0			<0.01	<0.01	<0.01	<0.01	0.04
Anthracene	36600	mg/kg	63 of 96	0	<0.02	19.1		0			<0.02	0.07	<0.02	<0.02	0.28
Benzo(a)anthracene	15	mg/kg	69 of 96	1	<0.03	39.6		0			<0.04	0.17	<0.04	<0.04	0.35
Benzo (g,h,i) perylene	359	mg/kg	61 of 96	0	<0.03	29.9		0			0.16	0.12	<0.05	<0.05	0.11
Benzo(a)pyrene	3.23	mg/kg	63 of 96	7	<0.03	39.6		0			0.24	0.25	<0.04	<0.04	0.29
Benzo(b)fluoranthene	4.06	mg/kg	70 of 96	5	<0.03	35.8		0			0.15	0.34	<0.05	<0.05	0.26
Benzo(k)fluoranthene	107	mg/kg	56 of 96	0	<0.03	12.7		0			0.1	0.15	<0.07	<0.07	0.12
Chrysene	31.9	mg/kg	70 of 96	1	<0.03	60		0			0.07	0.29	<0.06	<0.06	0.4
BTEX															
BTEX - Benzene	1.421879	mg/kg	1 of 108	0	<0.01	0.41		0			<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	3927.625	mg/kg	1 of 108	0	<0.01	0.38		0			<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	439.718	mg/kg	3 of 108	0	<0.01	0.34		0			<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	428	mg/kg	3 of 35	0	<0.01	0.55		0			<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - o Xylene	475.7208	mg/kg	3 of 35	0	<0.01	0.46		0			<0.01	<0.01	<0.01	<0.01	<0.01
Xylene	428	mg/kg	3 of 81	0	<0.01	1.9		0							
BTEX and MTBE Total		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01	<0.01	<0.01
BTEX (total)		mg/kg	No GAC	-	<0.001	5.9		0		<0.01		<0.01	<0.001	<0.001	<0.001
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 114	0.000004	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 118	0.000171	mg/kg	0 of 8	0	<0.007	<0.007		0				<0.007	<0.007	<0.007	
PCB BZ 123	0.000006	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 126	0.000005	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 156	0.000032	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 157	0.000008	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 167	0.000013	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	
PCB BZ 169	0.000001	mg/kg	0 of 8	0	<0.005	<0.005		0				<0.005	<0.005	<0.005	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Sample Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
PCB BZ 189	0.000005	mg/kg	0 of 8	0	<0.005	<0.005		0
PCB BZ 77	0.000016	mg/kg	0 of 8	0	<0.005	<0.005		0
PCB BZ 81	0.000001	mg/kg	0 of 8	0	<0.005	<0.005		0
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	<0.007		0
VOCs/SVOCs								
1,1,1,2-Tetrachloroethane	8.2	mg/kg	0 of 22	0	<0.001	<0.1		0
1,1,1-Trichloroethane	40.4	mg/kg	0 of 22	0	<0.001	<0.1		0
1,1,2,2-Tetrachloroethane	17.2	mg/kg	0 of 12	0	<0.001	<0.001		0
1,1,2-Trichloroethane	5.53	mg/kg	0 of 22	0	<0.001	<0.1		0
1,1-Dichloroethane	10.9	mg/kg	0 of 22	0	<0.001	<0.1		0
1,1-Dichloroethene	1.17	mg/kg	0 of 22	0	<0.001	<0.1		0
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0
1,2,3 Trichlorobenzene	8.81	mg/kg	1 of 22	0	<0.003	<0.1		0
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0
1,2,4-Trichlorobenzene	15.3	mg/kg	0 of 22	0	<0.003	<0.1		0
1,2,4-Trimethylbenzene	3.31	mg/kg	3 of 22	0	<0.001	0.85		0
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	0.16		0
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0
1,2-Dichlorobenzene	133	mg/kg	0 of 22	0	<0.001	<0.1		0
1,2-Dichloroethane	0.0227	mg/kg	0 of 22	0	<0.002	<0.1		0
1,2-Dichloropropane	0.121	mg/kg	0 of 22	0	<0.001	<0.1		0
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.42		0
1,3-Dichlorobenzene	2.45	mg/kg	0 of 22	0	<0.001	<0.1		0
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0
1,4-Dichlorobenzene	350	mg/kg	0 of 22	0	<0.001	<0.1		0
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0
2,3,4,6-Tetrachlorophenol	229	mg/kg	0 of 9	0	<0.1	<0.1		0
2,4,5-Trichlorophenol	210	mg/kg	0 of 18	0	<0.1	<0.1		0
2,4,6-Trichlorophenol	231	mg/kg	0 of 18	0	<0.1	<0.1		0
2,4-Dichlorophenol	186	mg/kg	0 of 18	0	<0.1	<0.1		0
2,4-Dimethylphenol	1040	mg/kg	0 of 18	0	<0.1	<0.1		0
2,4-Dinitrotoluene	254	mg/kg	0 of 18	0	<0.1	<0.1		0
2,6-Dinitrotoluene	125	mg/kg	1 of 18	0	<0.1	0.2		0
2-Chloronaphthalene	31.6	mg/kg	0 of 18	0	<0.1	<0.1		0
2-Chlorophenol	207	mg/kg	0 of 18	0	<0.1	<0.1		0
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	15		0
2-Methylphenol	9930	mg/kg	0 of 18	0	<0.1	<0.1		0
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0

Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
Sample Ref	326R.TP305.ES03	326R.TP306.ES06	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
Sample Depth (mbgl)	2	3	0.5	1	1	1
Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO
	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
PCB BZ 189			<0.005	<0.005	<0.005	
PCB BZ 77			<0.005	<0.005	<0.005	
PCB BZ 81			<0.005	<0.005	<0.005	
Total Speciated PCB-WHO12			<0.007	<0.007	<0.007	
VOCs/SVOCs						
1,1,1,2-Tetrachloroethane		<0.001		<0.001	<0.001	<0.001
1,1,1-Trichloroethane		<0.001		<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane		<0.001		<0.001	<0.001	<0.001
1,1,2-Trichloroethane		<0.001		<0.001	<0.001	<0.001
1,1-Dichloroethane		<0.001		<0.001	<0.001	<0.001
1,1-Dichloroethene		<0.001		<0.001	<0.001	<0.001
1,1-Dichloropropene		<0.001		<0.001	<0.001	<0.001
1,2,3 Trichlorobenzene		<0.003		<0.003	<0.003	<0.003
1,2,3-Trichloropropane		<0.001		<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene		<0.003		<0.003	<0.003	<0.003
1,2,4-Trimethylbenzene		<0.001		<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane		<0.002		<0.002	<0.002	<0.002
1,2-Dibromoethane		<0.001		<0.001	<0.001	<0.001
1,2-Dichlorobenzene		<0.001		<0.001	<0.001	<0.001
1,2-Dichloroethane		<0.002		<0.002	<0.002	<0.002
1,2-Dichloropropane		<0.001		<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene		<0.001		<0.001	<0.001	<0.001
1,3-Dichlorobenzene		<0.001		<0.001	<0.001	<0.001
1,3-Dichloropropane		<0.001		<0.001	<0.001	<0.001
1,4-Dichlorobenzene		<0.001		<0.001	<0.001	<0.001
2,2-Dichloropropane		<0.001		<0.001	<0.001	<0.001
2,3,4,6-Tetrachlorophenol						
2,4,5-Trichlorophenol		<0.1		<0.1	<0.1	<0.1
2,4,6-Trichlorophenol		<0.1		<0.1	<0.1	<0.1
2,4-Dichlorophenol		<0.1		<0.1	<0.1	<0.1
2,4-Dimethylphenol		<0.1		<0.1	<0.1	<0.1
2,4-Dinitrotoluene		<0.1		<0.1	<0.1	<0.1
2,6-Dinitrotoluene		<0.1		<0.1	<0.1	<0.1
2-Chloronaphthalene		<0.1		<0.1	<0.1	<0.1
2-Chlorophenol		<0.1		<0.1	<0.1	<0.1
2-Chlorotoluene		<0.001		<0.001	<0.001	<0.001
2-Methyl-4,6-Dinitrophenol						
2-Methylnaphthalene		<0.1		0.277	<0.1	<0.1
2-Methylphenol		<0.1		<0.1	<0.1	<0.1
2-Nitroaniline						
2-Nitrophenol		<0.1		<0.1	<0.1	<0.1
3-Nitroaniline						
4-Bromophenyl Phenyl Ether		<0.1		<0.1	<0.1	<0.1
4-Chloro-3-Methylphenol		<0.1		<0.1	<0.1	<0.1
4-Chlorotoluene		<0.001		<0.001	<0.001	<0.001
4-Isopropyltoluene		<0.001		<0.001	<0.001	<0.001
4-Nitroaniline						
4-Nitrophenol		<0.1		<0.1	<0.1	<0.1
Aniline						
Azobenzene						
Benzyl Alcohol						
Bis(2-chloroethoxy)methane		<0.1		<0.1	<0.1	<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Sample Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0
Bis(2-ethylhexyl)phthalate	4090	mg/kg	0 of 18	0	<0.1	<0.5		0
Bromobenzene	7	mg/kg	0 of 22	0	<0.001	<0.1		0
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0
Bromodichloromethane	0.096	mg/kg	0 of 22	0	<0.01	<0.1		0
Bromoform	32.4	mg/kg	0 of 22	0	<0.001	<0.1		0
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0
Butylbenzyl phthalate	63800	mg/kg	1 of 18	0	<0.1	<0.1		0
Carbazole		mg/kg	No GAC	-	<0.1	1.8		0
Carbon Disulphide	0.622	mg/kg	0 of 12	0	<0.001	<0.001		0
Carbon Tetrachloride	0.128	mg/kg	0 of 22	0	<0.001	<0.1		0
Chlorobenzene	2.41	mg/kg	0 of 22	0	<0.001	<0.1		0
Chloroethane	26	mg/kg	0 of 12	0	<0.001	<0.001		0
Chloroethene	0.00153	mg/kg	0 of 22	0	<0.001	<0.1		0
Chloroform	4.22	mg/kg	0 of 22	0	<0.001	<0.1		0
Chloromethane	0.0188	mg/kg	0 of 12	0	<0.01	<0.01		0
Di-N-Butyl Phthalate	645	mg/kg	0 of 18	0	<0.1	<0.1		0
Di-N-Octyl Phthalate	4920	mg/kg	0 of 18	0	<0.1	<0.5		0
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.3		0
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0
Dichloromethane	6.37	mg/kg	0 of 12	0	<0.005	<0.005		0
Diethyl phthalate	8970	mg/kg	0 of 18	0	<0.1	<0.1	65.0	0
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachlorobenzene	6.38	mg/kg	0 of 21	0	<0.01	<0.1	1.190	0
Hexachlorobutadiene	1.79	mg/kg	0 of 22	0	<0.001	<0.1		0
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachloroethane	1.8	mg/kg	0 of 9	0	<0.1	<0.1		0
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0
Isopropylbenzene	95.4	mg/kg	1 of 22	0	<0.001	<0.1		0
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
MTBE	319	mg/kg	0 of 35	0	<0.01	<0.1		0
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
PCP; (Pentachlorophenol)	30.6	mg/kg	0 of 21	0	<0.1	<0.1		0
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	0.85		0
Styrene	236	mg/kg	0 of 22	0	<0.001	<0.1		0
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0
Tetrachloroethene	0.92	mg/kg	0 of 22	0	<0.001	<0.1		0
Trichloroethene	0.0797	mg/kg	0 of 22	0	<0.001	<0.1		0
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
cis 1,2-Dichloroethene	0.559	mg/kg	0 of 22	0	<0.001	<0.1		0
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0
n-Propylbenzene	323	mg/kg	1 of 22	0	<0.001	<0.1		0
trans 1,2-Dichloroethene	1.02	mg/kg	0 of 22	0	<0.001	<0.1		0
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0

	TP305	TP305	TP306	TP308	TP309	TP310
Hole Ref						
Sample Ref	326R.TP305.ES03	326R.TP306.ES06	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
Sample Depth (mbgl)	2	3	0.5	1	1	1
Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO
	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
Bis(2-chloroethyl)ether		<0.1		<0.1	<0.1	<0.1
Bis(2-chloroisopropyl)ether		<0.1		<0.1	<0.1	<0.1
Bis(2-ethylhexyl)phthalate		<0.5		<0.5	<0.5	<0.5
Bromobenzene		<0.001		<0.001	<0.001	<0.001
Bromochloromethane		<0.005		<0.005	<0.005	<0.005
Bromodichloromethane		<0.01		<0.01	<0.01	<0.01
Bromoform		<0.001		<0.001	<0.001	<0.001
Bromomethane		<0.001		<0.001	<0.001	<0.001
Butylbenzyl phthalate		<0.1		<0.1	<0.1	<0.1
Carbazole		<0.1		<0.1	<0.1	<0.1
Carbon Disulphide		<0.001		<0.001	<0.001	<0.001
Carbon Tetrachloride		<0.001		<0.001	<0.001	<0.001
Chlorobenzene		<0.001		<0.001	<0.001	<0.001
Chloroethane		<0.001		<0.001	<0.001	<0.001
Chloroethene		<0.001		<0.001	<0.001	<0.001
Chloroform		<0.001		<0.001	<0.001	<0.001
Chloromethane		<0.01		<0.01	<0.01	<0.01
Di-N-Butyl Phthalate		<0.1		<0.1	<0.1	<0.1
Di-N-Octyl Phthalate		<0.5		<0.5	<0.5	<0.5
Dibenzofuran		<0.1		<0.1	<0.1	<0.1
Dibromochloromethane		<0.003		<0.003	<0.003	<0.003
Dibromomethane		<0.001		<0.001	<0.001	<0.001
Dichloromethane		<0.005		<0.005	<0.005	<0.005
Diethyl phthalate		<0.1		<0.1	<0.1	<0.1
Dimethyl phthalate		<0.1		<0.1	<0.1	<0.1
Diphenylamine						
Hexachlorobenzene		<0.1		<0.1	<0.1	<0.1
Hexachlorobutadiene		<0.001		<0.001	<0.001	<0.001
Hexachlorocyclopentadiene		<0.1		<0.1	<0.1	<0.1
Hexachloroethane		<0.1		<0.1	<0.1	<0.1
Isophorone		<0.1		<0.1	<0.1	<0.1
Isopropylbenzene		<0.001		<0.001	<0.001	<0.001
M-Dinitrobenzene						
MTBE		<0.01	<0.01	<0.01	<0.01	<0.01
Nitrobenzene		<0.1		<0.1	<0.1	<0.1
O-Dinitrobenzene						
P-Dinitrobenzene						
PCP; (Pentachlorophenol)		<0.1		<0.1	<0.1	<0.1
Sec-Butylbenzene		<0.001		<0.001	<0.001	<0.001
Styrene		<0.001		<0.001	<0.001	<0.001
Tert-Butylbenzene		<0.002		<0.002	<0.002	<0.002
Tetrachloroethene		<0.001		<0.001	<0.001	<0.001
Trichloroethene		<0.001		<0.001	<0.001	<0.001
Trichlorofluoromethane		<0.001		<0.001	<0.001	<0.001
cis 1,2-Dichloroethene		<0.001		<0.001	<0.001	<0.001
cis 1,3-Dichloropropene		<0.001		<0.001	<0.001	<0.001
cis1,3-Dichloropropene						
n-Butylbenzene		<0.001		<0.001	<0.001	<0.001
n-Nitroso-n-dipropylamine		<0.1		<0.1	<0.1	<0.1
n-Propylbenzene		<0.001		<0.001	<0.001	<0.001
trans 1,2-Dichloroethene		<0.001		<0.001	<0.001	<0.001
trans 1,3-Dichloropropene		<0.001		<0.001	<0.001	<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Sample Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
VOC Total (excl. BTEX)		mg/kg	No GAC	-	<0.01	<0.01		0
SVOC Total (excl. PAH/Phenols/Cresols and Chlorophenols)		mg/kg	No GAC	-	<0.1	0.277		0
SVOC Total (excl. PAH/Phenols/Cresols/Chlorophenols/Ethers/Nitrobenzene)		mg/kg	No GAC	-	<0.1	0.277		0
Herbicides								
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	620	mg/kg	0 of 3	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	0.5		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.02	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0

Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
Sample Ref	326R.TP305.ES03	326R.TP306.ES06	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
Sample Depth (mbgl)	2	3	0.5	1	1	1
Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO
	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
VOC Total (excl. BTEX)				<0.01	<0.01	<0.01
SVOC Total (excl. PAH/Phenols/Cresols and Chlorophenols)				0.277	<0.1	<0.1
SVOC Total (excl. PAH/Phenols/Cresols/Chlorophenols/Ethers/Nitrobenzene)				0.277	<0.1	<0.1
Herbicides						
2,3,6-TBA						
2,4,5-TP; (Fenoprop); (Silvex)						
2,4-D						
2,4-DB						
4-CPA						
Ametryne						
Atraton						
Atrazine						
Benazolin						
Bentazone						
Bromacil						
Bromoxynil						
Carbetamide						
Chlorbufam						
Chlorpropham						
Chlortoluron						
Clopyralid						
Cyfluthrin						
Cyhalothrin						
Cypermethrin						
Deltamethrin						
Dicamba						
Diclofop						
Diuron						
Fenvalerate						
Flamprop						
Flamprop-isopropyl						
Ioxynil						
Isoproturon						
Linuron						
MCPA						
MCPB						
MCPP; (Mecoprop)						
Monuron						
Permethrin						
Picloram						
Pirimicarb						
Prometon						
Prometryn						
Propazine						
Propham						
Simazine						
Simetryn						
Terbuthylazine						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
Sample Ref	326R.TP305.ES03	326R.TP306.ES06	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
Sample Depth (mbgl)	2	3	0.5	1	1	1
Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0						
Pesticides														
Aldrin	1.9	mg/kg	0 of 3	0	<0.01	<0.01		0						
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0						
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0						
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0						
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0						
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0						
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0						
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0						
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0						
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0						
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0						
Dichlorvos	6.6	mg/kg	0 of 3	0	<0.01	<0.01		0						
Dieldrin	3.2	mg/kg	0 of 3	0	<0.01	<0.01		0						
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0						
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0						
Endosulphan I (Alpha)	404	mg/kg	0 of 3	0	<0.01	<0.01	0.0164	0						
Endosulphan II (Beta)	440	mg/kg	0 of 3	0	<0.01	<0.01	0.000382	0						
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0						
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0						
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0						
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0						
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0						
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0						
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0						
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0						
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0						
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0						
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0						
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0						
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0						
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0						
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0						
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0						
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0						
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0						
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0						
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0						
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0						
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0						
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0						
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0						
alpha-Hexachlorocyclohexane (HCH)	11	mg/kg	0 of 3	0	<0.01	<0.01		0						
beta-Hexachlorocyclohexane (HCH)	3.8	mg/kg	0 of 3	0	<0.01	<0.01		0						
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0						
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0						
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0						
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0						
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0						
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0						
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Sample Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.3		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	94		0
Aluminium		mg/kg	No GAC	-	8270	9680		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	2.2	2.2		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.41		0
Asbestos ACM - Suitable for Water Absorption Test?		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	1.539		0
Barium		mg/kg	No GAC	-	68	198		0
Calcium		mg/kg	No GAC	-	8540	8540		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	13		0
Cobalt		mg/kg	No GAC	-	4	12		0
Coronene		mg/kg	No GAC	-	0.04	0.12		0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	59.1	91.5		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-	115	442		0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	43300	43300		0
Loss on ignition		%	No GAC	-	1.3	24		0
Magnesium		mg/kg	No GAC	-	1000	1000		0
Manganese		mg/kg	No GAC	-	63	595		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.191	0.296		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	8		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-	<0.5	<0.5		0
PCB Total		mg/kg	No GAC	-	<0.007	0.03		0
Perylene		mg/kg	No GAC	-	<0.1	25.6		0
Potassium		mg/kg	No GAC	-	500	500		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.01		0
Resorcinol		mg/kg	No GAC	-	<0.5	<0.5		0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	530		0

Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
Sample Ref	326R.TP305.ES03	326R.TP306.ES06	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
Sample Depth (mbgl)	2	3	0.5	1	1	1
Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO
	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
p,p-DDT (4,4)						
trans-Chlordane (Gamma)						
2,3,5,6-Tetrachlorophenol						
2,4,5-T						
2,4-DP; (Dichlorprop)						
3+4-Methylphenol		<0.1		<0.1	<0.1	<0.1
4-Chlorophenyl Phenyl Ether						
Aliphatics >C10-44						
Aluminium			8270			
Ammoniacal Nitrogen as N						
Aro >C5-C7		<0.01	<0.01	<0.01	<0.01	<0.01
Asbestos ACM - Suitable for Water Absorption Test?		N/A	N/A	N/A	N/A	N/A
Asbestos in soil		NAD	NAD	NAD	NAD	NAD
Asbestos in soil % composition (hand picking and weighing)						
Barium			190			
Calcium			8540			
Chloride (water sol 2:1)			<10			
Cobalt			12			
Coronene						
Cresols						
Cyanazine						
Demeton-S						
Dichlorodifluoromethane		<0.001		<0.001	<0.001	<0.001
Dry Matter (Dry Solids) at 40C	72.8		75.6			
EPH CWG GCxGC ID (for FID						
Electrical conductivity @ 20degC				442	115	181
Endrin Aldehyde						
Endrin Ketone						
Ethylene glycol (Monoethylene glycol)						
Fensulphothion						
Fluoride (water sol 2:1)						
Fluroxypyr						
Iron			43300			
Loss on ignition			24			
Magnesium			1000			
Manganese			595			
Mass Sample (1 stage WAC)	0.24		0.231			
Methabenzthiazuron						
Molybdenum			8			
Monolinuron						
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB Total	<0.007		<0.007			
Perylene		<0.1		<0.1	<0.1	<0.1
Potassium			500			
Prothiofos (Tokuthion)						
Resorcinol						
SVOC TICs (Tentatively Identified				None detected	None detected	None detected
Silver			<10			
Sulphide			44			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP305	TP305	TP306	TP308	TP309	TP310
Sample Ref	326R.TP305.ES03	326R.TP306.ES06	326R.TP306.ES03	326R.TP308.ES03	326R.TP309.ES04	326R.TP310.ES03
Easting	384559.16	384559.16	384502.15	384576.42	384723.42	384769.94
Northing	399588	399588	399558.56	399641.42	399769.78	399712.21
Hole Elevation (mOD)	41.05	41.05	39.29	41.08	42.88	42.77
Sample Depth (mbgl)	2	3	0.5	1	1	1
Sample Date	24/02/22		25/02/22	22/02/22	23/02/22	22/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	GTD - G	MG-CO

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau	RB Plateau
Sulphur (elemental)		mg/kg	No GAC	-	<5	890		0			110			
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0						
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0						
Tin		mg/kg	No GAC	-	<5	<5		0			<5			
Titanium		mg/kg	No GAC	-	67	420		0			420			
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0						
Total Aromatics		mg/kg	No GAC	-	76	101		0						
Total Aromatics		mg/kg	No GAC	-	<1	6340		0		1	33	<1	<1	<1
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0						
Trimethylphenol		mg/kg	No GAC	-	<0.5	<0.5		0						
VOC TICs		-	No GAC	-				0				None detected	None detected	None detected
Xylenols & Ethylphenols		mg/kg	No GAC	-	<0.5	<0.5		0						
Aromatics >C10-44		mg/kg	No GAC	-	<10	290		0						
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1	<0.1	<0.1
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0						
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Ethers Total (from SVOC)		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1	<0.1	<0.1
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0						
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Ortho Phosphate as P		mg/kg	No GAC	-				0						
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0						
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0						
Phenols Total (from SVOC)		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1	<0.1	<0.1
Phenols, Total		mg/kg	No GAC	-	<5	<5		0						
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	340		0						
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	1200		0						
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	740		0						
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0						
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP310	TT302	TT302
									Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
									Easting	384769.94	384842.18	384842.18
									Northing	399712.21	399756.03	399756.03
									Hole Elevation (mOD)	42.77	42.1	42.1
									Sample Depth (mbgl)	0.3	0.3	0.8
									Sample Date	23/02/22	17/02/22	17/02/22
									Investigation	326R	326R	326R
									Geology	MG-CO	MG-G	MG-G
										RB Plateau	RB05b School	RB05b School
Metal												
Antimony	617.5682	mg/kg	88 of 128	0	<1	55		0			<5	
Arsenic	39.9	mg/kg	130 of 131	17	<1	89		0			11	
Beryllium	1.7	mg/kg	124 of 128	25	<0.2	3.9		0			0.6	
Cadmium	85	mg/kg	122 of 131	0	<0.1	7.2		0			0.5	
Chromium	907	mg/kg	131 of 131	0	4.8	470		0			7	
Chromium (hexavalent)	6	mg/kg	0 of 77	0	<1	<1		0			<1	
Copper	7130	mg/kg	131 of 131	0	9.1	820		0			65	
Lead	310	mg/kg	131 of 131	19	6.4	1400		0			162	
Manganese		mg/kg	No GAC	-				0				
Mercury	56	mg/kg	83 of 131	0	<0.05	18		0			<0.17	
Nickel	181.4	mg/kg	131 of 131	0	6.6	69		0			12	
Selenium	430	mg/kg	22 of 131	0	<0.5	10		0			1	
Vanadium	1200	mg/kg	128 of 128	0	7	640		0			13	
Zinc	40400	mg/kg	131 of 131	0	26	1300		0			126	
Inorganic												
pH		pH Units	No GAC	-	4.52	10.9		0			8.21	
% Moisture at <40C		% w/w	No GAC	-	3.3	10.1		0				
% Stones >10mm		% w/w	No GAC	-	<0.1	48.5		0		35.4	<0.1	13.5
Cyanide	24	mg/kg	56 of 131	2	<0.1	68		0			10	
Complex Cyanide		mg/kg	No GAC	-	<0.2	12		0			9	
Cyanide (free)	24	mg/kg	1 of 5	0	<0.1	<1		0				
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0			<5	
Boron	10775	mg/kg	97 of 131	0	<0.2	3.5		0			<1	
Total Organic Carbon		%	No GAC	-	<0.1	54		0			NDP	36.2
Sulphate (acid soluble)		mg/kg	No GAC	-				0				
Asbestos												
Asbestos Matrix (microscope)		-	No GAC	-				0				
Asbestos Matrix (visual)		-	No GAC	-				0			Cement	
Asbestos Quantification (Total %)		%	No GAC	-	0.007	0.012		0				
Asbestos (Presence of)		---	No GAC	-				0				
Asbestos Analysts Comments		---	No GAC	-				0				
Phenol and mineral oils												
Phenol	1200	mg/kg	0 of 20	0	<0.1	<0.5		0			<0.1	
Phenol (Monohydric)	1200	mg/kg	26 of 131	0	<0.2	2.7		0			<0.2	
Cresols		mg/kg	No GAC	-	<0.5	<0.5		0				
Xylenols		mg/kg	No GAC	-				0				
TPH												
Ali >C10-C12	767	mg/kg	19 of 89	0	<1	130	283.0	0			65	
Ali >C12-C16	4370	mg/kg	25 of 89	0	<1	262	142.0	2			262	
Ali >C16-C21	48900	mg/kg	25 of 89	0	<1	315	50.90	6			315	
Ali >C21-C35	48900	mg/kg	31 of 89	0	<1	350	50.90	14			222	
Ali >C35-C44	48901	mg/kg	18 of 56	0	<1	213	50.90	2			213	
Ali >C5-C6	161	mg/kg	0 of 89	0	<0.01	<0.05		0			<0.01	
Ali >C6-C8	529	mg/kg	3 of 89	0	<0.01	1.2		0			0.03	
Ali >C8-C10	155	mg/kg	17 of 89	0	<0.01	47		0			34	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP310	TT302	TT302
Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
Easting	384769.94	384842.18	384842.18
Northing	399712.21	399756.03	399756.03
Hole Elevation (mOD)	42.77	42.1	42.1
Sample Depth (mbgl)	0.3	0.3	0.8
Sample Date	23/02/22	17/02/22	17/02/22
Investigation	326R	326R	326R
Geology	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB05b School	RB05b School
Aliphatics >C5-35		mg/kg	No GAC	-	<10	650		0			
Total Aliphatics		mg/kg	No GAC	-	<1	1110		0		1110	
Aro >C10-C12	1240	mg/kg	26 of 89	0	<0.9	105		0		105	
Aro >C12-C16	2480	mg/kg	40 of 89	0	<0.5	675		0		675	
Aro >C16-C21	1817	mg/kg	41 of 89	0	<0.6	1540		0		1540	
Aro >C21-C35	1930	mg/kg	44 of 89	1	<1	3710		0		**3710**	
Aro >C35-C44	1930	mg/kg	18 of 56	0	<1	192		0		192	
Aro >C7-C8	3928	mg/kg	1 of 89	0	<0.01	0.38		0		0.38	
Aro >C8-C10	269	mg/kg	16 of 89	0	<0.01	109		0		109	
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	<10	1740		0			1740
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-	142	417		0			
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	<1	7450		0		7450	
TPH >C10-40		mg/kg	No GAC	-	<10	1700		0			
PAH											
Acenaphthene	6040	mg/kg	51 of 96	0	<0.01	7.29	336.0	0		7.29	
Dibenz-a-h-anthracene	0.32	mg/kg	31 of 96	7	<0.03	5.51		0		**5.51**	
Fluoranthene	1580	mg/kg	75 of 96	0	<0.03	59		0		59	
Fluorene	4460	mg/kg	47 of 96	0	<0.01	13.4	183.0	0		13.4	
Indeno(1,2,3-cd)pyrene	46	mg/kg	61 of 96	0	<0.03	24.1		0		24.1	
Phenanthrene	1520	mg/kg	74 of 96	0	<0.03	74.4		0		74.4	
Pyrene	3790	mg/kg	76 of 96	0	<0.03	129		0		129	
Naphthalene	13.2	mg/kg	54 of 97	0	<0.01	10.2		0		9.57	
PAH (total 17)		mg/kg	No GAC	-	0.04	220		0			75
Total PAH-16MS		mg/kg	No GAC	-	<0.08	570		0		570	
Pah,Total		mg/kg	No GAC	-	<0.1	100		0			
Acenaphthylene	5970	mg/kg	33 of 96	0	<0.01	10.9	506.0	0		10.9	
Anthracene	36600	mg/kg	63 of 96	0	<0.02	19.1		0		19.1	
Benzo(a)anthracene	15	mg/kg	69 of 96	1	<0.03	39.6		0		**39.6**	
Benzo (g,h,i) perylene	359	mg/kg	61 of 96	0	<0.03	29.9		0		29.9	
Benzo(a)pyrene	3.23	mg/kg	63 of 96	7	<0.03	39.6		0		**39.6**	
Benzo(b)fluoranthene	4.06	mg/kg	70 of 96	5	<0.03	35.8		0		**35.8**	
Benzo(k)fluoranthene	107	mg/kg	56 of 96	0	<0.03	12.7		0		12.7	
Chrysene	31.9	mg/kg	70 of 96	1	<0.03	60		0		**60**	
BTEX											
BTEX - Benzene	1.421879	mg/kg	1 of 108	0	<0.01	0.41		0		0.41	
BTEX - Toluene	3927.625	mg/kg	1 of 108	0	<0.01	0.38		0		0.38	
BTEX - Ethyl Benzene	439.718	mg/kg	3 of 108	0	<0.01	0.34		0		0.34	
BTEX - m & p Xylene	428	mg/kg	3 of 35	0	<0.01	0.55		0		0.55	
BTEX - o Xylene	475.7208	mg/kg	3 of 35	0	<0.01	0.46		0		0.46	
Xylene	428	mg/kg	3 of 81	0	<0.01	1.9		0			
BTEX and MTBE Total		mg/kg	No GAC	-	<0.01	<0.01		0			
BTEX (total)		mg/kg	No GAC	-	<0.001	5.9		0			5.9
PCBs											
PCB BZ 105	0.000074	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 114	0.000004	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 118	0.000171	mg/kg	0 of 8	0	<0.007	<0.007		0		<0.007	
PCB BZ 123	0.000006	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 126	0.000005	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 156	0.000032	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 157	0.000008	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 167	0.000013	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	
PCB BZ 169	0.000001	mg/kg	0 of 8	0	<0.005	<0.005		0		<0.005	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP310	TT302	TT302
									Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
									Easting	384769.94	384842.18	384842.18
									Northing	399712.21	399756.03	399756.03
									Hole Elevation (mOD)	42.77	42.1	42.1
									Sample Depth (mbgl)	0.3	0.3	0.8
									Sample Date	23/02/22	17/02/22	17/02/22
									Investigation	326R	326R	326R
									Geology	MG-CO	MG-G	MG-G
										RB Plateau	RB05b School	RB05b School
PCB BZ 189	0.000005	mg/kg	0 of 8	0	<0.005	<0.005		0			<0.005	
PCB BZ 77	0.000016	mg/kg	0 of 8	0	<0.005	<0.005		0			<0.005	
PCB BZ 81	0.000001	mg/kg	0 of 8	0	<0.005	<0.005		0			<0.005	
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	<0.007		0			<0.007	
VOCs/SVOCs												
1,1,1,2-Tetrachloroethane	8.2	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,1,1-Trichloroethane	40.4	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,1,2,2-Tetrachloroethane	17.2	mg/kg	0 of 12	0	<0.001	<0.001		0			<0.001	
1,1,2-Trichloroethane	5.53	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,1-Dichloroethane	10.9	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,1-Dichloroethene	1.17	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
1,2,3 Trichlorobenzene	8.81	mg/kg	1 of 22	0	<0.003	<0.1		0			<0.003	
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
1,2,4-Trichlorobenzene	15.3	mg/kg	0 of 22	0	<0.003	<0.1		0			<0.003	
1,2,4-Trimethylbenzene	3.31	mg/kg	3 of 22	0	<0.001	0.85		0			0.008	
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	0.16		0			<0.002	
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
1,2-Dichlorobenzene	133	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,2-Dichloroethane	0.0227	mg/kg	0 of 22	0	<0.002	<0.1		0			<0.002	
1,2-Dichloropropane	0.121	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.42		0			0.02	
1,3-Dichlorobenzene	2.45	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
1,4-Dichlorobenzene	350	mg/kg	0 of 22	0	<0.001	<0.1		0			<0.001	
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
2,3,4,6-Tetrachlorophenol	229	mg/kg	0 of 9	0	<0.1	<0.1		0				
2,4,5-Trichlorophenol	210	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2,4,6-Trichlorophenol	231	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2,4-Dichlorophenol	186	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2,4-Dimethylphenol	1040	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2,4-Dinitrotoluene	254	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2,6-Dinitrotoluene	125	mg/kg	1 of 18	0	<0.1	0.2		0			<0.1	
2-Chloronaphthalene	31.6	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2-Chlorophenol	207	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0				
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	15		0			9.54	
2-Methylphenol	9930	mg/kg	0 of 18	0	<0.1	<0.1		0			<0.1	
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0				
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0				
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001	
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0			0.006	
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0				
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0				
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0				
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0				
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP310	TT302	TT302
Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
Easting	384769.94	384842.18	384842.18
Northing	399712.21	399756.03	399756.03
Hole Elevation (mOD)	42.77	42.1	42.1
Sample Depth (mbgl)	0.3	0.3	0.8
Sample Date	23/02/22	17/02/22	17/02/22
Investigation	326R	326R	326R
Geology	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB05b School	RB05b School
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
Bis(2-ethylhexyl)phthalate	4090	mg/kg	0 of 18	0	<0.1	<0.5		0		<0.5	
Bromobenzene	7	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0		<0.005	
Bromodichloromethane	0.096	mg/kg	0 of 22	0	<0.01	<0.1		0		<0.01	
Bromoform	32.4	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001	
Butylbenzyl phthalate	63800	mg/kg	1 of 18	0	<0.1	<0.1		0		<0.1	
Carbazole		mg/kg	No GAC	-	<0.1	1.8		0		<0.1	
Carbon Disulphide	0.622	mg/kg	0 of 12	0	<0.001	<0.001		0		<0.001	
Carbon Tetrachloride	0.128	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Chlorobenzene	2.41	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Chloroethane	26	mg/kg	0 of 12	0	<0.001	<0.001		0		<0.001	
Chloroethene	0.00153	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Chloroform	4.22	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Chloromethane	0.0188	mg/kg	0 of 12	0	<0.01	<0.01		0		<0.01	
Di-N-Butyl Phthalate	645	mg/kg	0 of 18	0	<0.1	<0.1		0		<0.1	
Di-N-Octyl Phthalate	4920	mg/kg	0 of 18	0	<0.1	<0.5		0		<0.5	
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.3		0		<0.1	
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0		<0.003	
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001	
Dichloromethane	6.37	mg/kg	0 of 12	0	<0.005	<0.005		0		<0.005	
Diethyl phthalate	8970	mg/kg	0 of 18	0	<0.1	<0.1	65.0	0		<0.1	
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0			
Hexachlorobenzene	6.38	mg/kg	0 of 21	0	<0.01	<0.1	1.190	0	<0.01	<0.1	
Hexachlorobutadiene	1.79	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
Hexachloroethane	1.8	mg/kg	0 of 9	0	<0.1	<0.1		0		<0.1	
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
Isopropylbenzene	95.4	mg/kg	1 of 22	0	<0.001	<0.1		0		<0.001	
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			
MTBE	319	mg/kg	0 of 35	0	<0.01	<0.1		0		<0.01	
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			
PCP; (Pentachlorophenol)	30.6	mg/kg	0 of 21	0	<0.1	<0.1		0	<0.1	<0.1	
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	0.85		0		<0.001	
Styrene	236	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0		<0.002	
Tetrachloroethene	0.92	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Trichloroethene	0.0797	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001	
cis 1,2-Dichloroethene	0.559	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001	
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0			
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001	
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1	
n-Propylbenzene	323	mg/kg	1 of 22	0	<0.001	<0.1		0		<0.001	
trans 1,2-Dichloroethene	1.02	mg/kg	0 of 22	0	<0.001	<0.1		0		<0.001	
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP310	TT302	TT302
Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
Easting	384769.94	384842.18	384842.18
Northing	399712.21	399756.03	399756.03
Hole Elevation (mOD)	42.77	42.1	42.1
Sample Depth (mbgl)	0.3	0.3	0.8
Sample Date	23/02/22	17/02/22	17/02/22
Investigation	326R	326R	326R
Geology	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB05b School	RB05b School
VOC Total (excl. BTEX)		mg/kg	No GAC	-	<0.01	<0.01		0			
SVOC Total (excl. PAH/Phenols/Cresols and Chlorophenols)		mg/kg	No GAC	-	<0.1	0.277		0			
SVOC Total (excl. PAH/Phenols/Cresols/Chlorophenols/Ethers/Nitrobenzene)		mg/kg	No GAC	-	<0.1	0.277		0			
Herbicides											
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0	<0.2		
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Atrazine	620	mg/kg	0 of 3	0	<0.01	<0.01		0	<0.01		
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Bromacil		mg/kg	No GAC	-	<0.1	0.5		0	<0.1		
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02		
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02		
Propham		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Simetryn		mg/kg	No GAC	-	<0.02	<0.1		0	<0.02		
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP310	TT302	TT302
Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
Easting	384769.94	384842.18	384842.18
Northing	399712.21	399756.03	399756.03
Hole Elevation (mOD)	42.77	42.1	42.1
Sample Depth (mbgl)	0.3	0.3	0.8
Sample Date	23/02/22	17/02/22	17/02/22
Investigation	326R	326R	326R
Geology	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB05b School	RB05b School
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Pesticides											
Aldrin	1.9	mg/kg	0 of 3	0	<0.01	<0.01		0	<0.01		
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Dichlorvos	6.6	mg/kg	0 of 3	0	<0.01	<0.01		0	<0.01		
Dieldrin	3.2	mg/kg	0 of 3	0	<0.01	<0.01		0	<0.01		
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Endosulphan I (Alpha)	404	mg/kg	0 of 3	0	<0.01	<0.01	0.0164	0	<0.01		
Endosulphan II (Beta)	440	mg/kg	0 of 3	0	<0.01	<0.01	0.000382	0	<0.01		
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
alpha-Hexachlorocyclohexane (HCH)	11	mg/kg	0 of 3	0	<0.01	<0.01		0	<0.01		
beta-Hexachlorocyclohexane (HCH)	3.8	mg/kg	0 of 3	0	<0.01	<0.01		0	<0.01		
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP310	TT302	TT302
Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
Easting	384769.94	384842.18	384842.18
Northing	399712.21	399756.03	399756.03
Hole Elevation (mOD)	42.77	42.1	42.1
Sample Depth (mbgl)	0.3	0.3	0.8
Sample Date	23/02/22	17/02/22	17/02/22
Investigation	326R	326R	326R
Geology	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB05b School	RB05b School
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0			
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.3		0		<0.1	
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0			
Aliphatics >C10-44		mg/kg	No GAC	-	<10	94		0			
Aluminium		mg/kg	No GAC	-	8270	9680		0			
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	2.2	2.2		0			
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.41		0		0.41	
Asbestos ACM - Suitable for Water Absorption Test?		-	No GAC	-				0		Yes	
Asbestos in soil		-	No GAC	-				0		Chrysotile	
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	1.539		0		1.539	
Barium		mg/kg	No GAC	-	68	198		0		198	
Calcium		mg/kg	No GAC	-	8540	8540		0			
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	13		0		<10	
Cobalt		mg/kg	No GAC	-	4	12		0		4	
Coronene		mg/kg	No GAC	-	0.04	0.12		0			
Cresols		mg/kg	No GAC	-				0			
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02		
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0	<0.5		
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001	
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	59.1	91.5		0			59.1
EPH CWG GCxGC ID (for FID		-	No GAC	-				0			
Electrical conductivity @ 20degC		uS/cm	No GAC	-	115	442		0			
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0			
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0			
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Iron		mg/kg	No GAC	-	43300	43300		0			
Loss on ignition		%	No GAC	-	1.3	24		0		NDP	
Magnesium		mg/kg	No GAC	-	1000	1000		0			
Manganese		mg/kg	No GAC	-	63	595		0		63	
Mass Sample (1 stage WAC)		kg	No GAC	-	0.191	0.296		0			0.296
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Molybdenum		mg/kg	No GAC	-	<1	8		0		1	
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-	<0.5	<0.5		0			
PCB Total		mg/kg	No GAC	-	<0.007	0.03		0			<0.007
Perylene		mg/kg	No GAC	-	<0.1	25.6		0		25.6	
Potassium		mg/kg	No GAC	-	500	500		0			
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Resorcinol		mg/kg	No GAC	-	<0.5	<0.5		0			
SVOC TICs (Tentatively Identified		-	No GAC	-				0			
Silver		mg/kg	No GAC	-	<10	<10		0			
Sulphide		mg/kg	No GAC	-	<5	530		0		<5	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TP310	TT302	TT302
Sample Ref	326R.TP310.ES03	326R.TT302.ES03	326R.TT302.ES02
Easting	384769.94	384842.18	384842.18
Northing	399712.21	399756.03	399756.03
Hole Elevation (mOD)	42.77	42.1	42.1
Sample Depth (mbgl)	0.3	0.3	0.8
Sample Date	23/02/22	17/02/22	17/02/22
Investigation	326R	326R	326R
Geology	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Plateau	RB05b School	RB05b School
Sulphur (elemental)		mg/kg	No GAC	-	<5	890		0		890	
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02		
Tin		mg/kg	No GAC	-	<5	<5		0			
Titanium		mg/kg	No GAC	-	67	420		0			
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0			
Total Aromatics		mg/kg	No GAC	-	76	101		0			
Total Aromatics		mg/kg	No GAC	-	<1	6340		0		6340	
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Trimethylphenol		mg/kg	No GAC	-	<0.5	<0.5		0			
VOC TICs		-	No GAC	-				0			
Xylenols & Ethylphenols		mg/kg	No GAC	-	<0.5	<0.5		0			
Aromatics >C10-44		mg/kg	No GAC	-	<10	290		0			
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-	<0.1	<0.1		0			
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0	<0.5		
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Ethers Total (from SVOC)		mg/kg	No GAC	-	<0.1	<0.1		0			
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Ortho Phosphate as P		mg/kg	No GAC	-				0			
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1		
Phenols Total (from SVOC)		mg/kg	No GAC	-	<0.1	<0.1		0			
Phenols, Total		mg/kg	No GAC	-	<5	<5		0			
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	340		0			
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	1200		0			
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	740		0			
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
									Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
									Northing	399509.165	399509.165	399509.165	399440.903	399440.903	399486.259
									Hole Elevation (mOD)	40.671	40.671	40.671	31.263	31.263	32.249
									Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
									Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		1.4	21	7.8	<1	2.1	<1
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		11	40	28	7.1	6.2	4.5
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		0.5	1.3	1.6	0.5	0.4	0.4
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		<0.1	1	0.5	0.2	0.3	0.1
Chromium	33000	mg/kg	58 of 58	0	6	57		0		18	22	27	13	22	11
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1	<1	<1	<1	<1	<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0		26	210	180	22	46	8.9
Lead	1300	mg/kg	58 of 58	4	4	2250		0		45	370	210	**1900**	37	66
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		0.11	0.38	0.37	0.1	<0.05	<0.05
Nickel	804	mg/kg	58 of 58	0	4	50		0		12	38	34	11	25	12
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	1	<0.5	<0.5	<0.5	<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		17	52	46	20	38	19
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		50	340	160	74	91	36
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		7.7	6.9	7.9	11.7	10.5	9.3
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		1.1	0.5	0.2	<0.1	0.1	<0.1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		2.3	0.8	1.3	1.2	1.2	0.7
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		2.6	24	21	1.7	3.3	0.5
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0		NAD	NAD	NAD	NAD	Amosite	NAD
Asbestos Analysts Comments		---	No GAC	-				0		na	na	na	na	bundle of Amosite fibres	na
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0							
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		<1.2	<1.2	<1.2	<1.2	4.1	<1.2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		<1.5	<1.5	<1.5	<1.5	14	<1.5
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		<3.4	<3.4	<3.4	<3.4	120	<3.4
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0							
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0		<10	<10	<10	<10	140	<10
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
									Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
									Northing	399509.165	399509.165	399509.165	399440.903	399440.903	399486.259
									Hole Elevation (mOD)	40.671	40.671	40.671	31.263	31.263	32.249
									Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
									Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0		<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0		<0.5	1.4	<0.5	<0.5	2.9	<0.5
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0		<0.6	3.9	6.1	<0.6	27	<0.6
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0		<1.4	14	13	<1.4	350	<1.4
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0							
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0							
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0							
TPH >C10-40		mg/kg	No GAC	-	<10	240		0			48				
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		<0.03	<0.03	0.04	0.48	0.48	<0.03
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		<0.03	0.03	<0.03	0.04	0.54	<0.03
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		<0.03	0.54	0.4	1.5	6.7	<0.03
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		<0.03	<0.03	<0.03	0.28	0.37	<0.03
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		<0.03	0.13	0.05	0.15	2.2	<0.03
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		<0.03	0.21	0.36	1.6	3.1	<0.03
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		<0.03	0.54	0.38	1.2	6.1	<0.03
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		<0.03	0.04	0.09	0.43	0.17	<0.03
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0							
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0							
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		<0.1	3.2	2.1	8.1	39	<0.1
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		<0.03	<0.03	<0.03	<0.03	0.24	<0.03
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		<0.03	0.06	0.08	0.37	1.1	<0.03
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		<0.03	0.28	0.16	0.42	2.8	<0.03
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		<0.03	0.16	0.05	0.18	2.7	<0.03
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		<0.03	0.25	0.11	0.36	3.9	<0.03
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		<0.03	0.43	0.16	0.5	4.5	<0.03
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		<0.03	0.15	0.05	0.16	1.5	<0.03
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		<0.03	0.35	0.15	0.47	3	<0.03
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0							
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0							
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0			<0.04				
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0							
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0							
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
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									Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
									Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0							
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0							
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0							
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0							
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0							
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0							
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0							
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0							
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0							
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0							
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0							
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0							
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
									Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
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									Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0							
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0							
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0							
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0							
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0							
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0							
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0							
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0							
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0							
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0							
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0							
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0							
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0							
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0							
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0							
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0							
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0							
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0							
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0							
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0							
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0							
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0							
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0							
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0							
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0							
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0							
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0							
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0							
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0							
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0							
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0							
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0							
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
Northing	399509.165	399509.165	399509.165	399440.903	399440.903	399486.259
Hole Elevation (mOD)	40.671	40.671	40.671	31.263	31.263	32.249
Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
Northing	399509.165	399509.165	399509.165	399440.903	399440.903	399486.259
Hole Elevation (mOD)	40.671	40.671	40.671	31.263	31.263	32.249
Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Aro >C5-C7	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0
Barium		mg/kg	No GAC	-	34	385		0
Calcium		mg/kg	No GAC	-	11600	59700		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0
Cobalt		mg/kg	No GAC	-	5	18		0
Coronene		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	27000	62500		0
Loss on ignition		%	No GAC	-	0.97	53		0
Magnesium		mg/kg	No GAC	-	1710	2910		0
Manganese		mg/kg	No GAC	-	247	750		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	7		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0
Perylene		mg/kg	No GAC	-	<0.1	83		0
Potassium		mg/kg	No GAC	-	690	1840		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0
Resorcinol		mg/kg	No GAC	-				0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	610		0
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0
Tin		mg/kg	No GAC	-	<5	222		0
Titanium		mg/kg	No GAC	-	100	470		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0
Total Aromatics		mg/kg	No GAC	-				0
Total Aromatics		mg/kg	No GAC	-	5	47100		0
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0
Trimethylphenol		mg/kg	No GAC	-				0
VOC TICs		-	No GAC	-				0
Xylenols & Ethylphenols		mg/kg	No GAC	-				0
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0

Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
Northing	399509.165	399509.165	399509.165	399440.903	399440.903	399486.259
Hole Elevation (mOD)	40.671	40.671	40.671	31.263	31.263	32.249
Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
						11
						<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	BH106	BH106	BH106	BH110	BH110	BH112
Easting	384459.989	384459.989	384459.989	384353.882	384353.882	384401.713
Northing	399509.165	399509.165	399509.165	399440.903	399440.903	399486.259
Hole Elevation (mOD)	40.671	40.671	40.671	31.263	31.263	32.249
Sample Depth (mbgl)	7.6	0.3	3.3	3	0.3	3.3
Sample Date	08/01/19	07/01/19	08/01/19	10/01/19	10/01/19	10/01/19
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology	GTD - CO	MG-G	MG-G	MG-CO	MG-G	CHES
	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Chloroxuron						
Cresol & Chlorinated Phenol Total						
Demeton-O						
Diflubenzuron						
Dimefuron						
Ethers Total (from SVOC)						
Ethiofencarb						
Metoxuron						
Ortho Phosphate as P						
Pencycuron						
Permethrin I (cis)						
Phenmedipham						
Total Aliphatics and Aromatics C10-C44						
Total Aliphatics and Aromatics C5-C35	<10	19	19	<10	520	<10
Total Aromatics C5-C35	<10	19	19	<10	380	<10
p,p-DDD (4,4)						
p,p-Methoxychlor						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH112	TP105	TP105	TP106	TP106	TP119
									Easting	384401.713	384843.779	384843.779	384830.717	384830.717	384483.283
									Northing	399486.259	399726.261	399726.261	399695.601	399695.601	399475.961
									Hole Elevation (mOD)	32.249	41.107	41.107	42.654	42.654	31.601
									Sample Depth (mbgl)	0.3	0.3	1.3	0.4	2.8	3
									Sample Date	10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	CHES
										RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		5.1	2.2	1	2.3	<1	1.3
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		8.5	19	12	21	5	12
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		0.4	1.3	0.6	2.1	0.6	0.5
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		0.3	0.5	0.2	0.2	<0.1	0.1
Chromium	33000	mg/kg	58 of 58	0	6	57		0		15	22	23	38	11	15
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1	<1	<1	<1	<1	<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0		40	94	39	130	17	19
Lead	1300	mg/kg	58 of 58	4	4	2250		0		300	240	110	40	56	18
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		0.16	0.9	0.32	<0.05	0.11	<0.05
Nickel	804	mg/kg	58 of 58	0	4	50		0		12	27	20	50	13	16
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		22	33	21	65	15	36
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		95	170	88	53	38	67
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		8.5	8.4	8.3	8.6	8.3	7.4
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		<0.1	8.1	5.1	0.5	0.2	<0.1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		1.1	0.5	0.2	<0.2	<0.2	1.1
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		1.8	5.3	4.7	35	1.5	0.7
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0		Amosite	Chrysotile	NAD	NAD		NAD
Asbestos Analysts Comments		---	No GAC	-				0		bundles of Amosite fibres	Chrysotile in microscopic board debris	na	na		na
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0							
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	0.7	0.4	0.6	0.4	<0.3
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5	<1.5	<1.5	1.5		<1.5
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		<1.2	<1.2	<1.2	7.1		<1.2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		<1.5	<1.5	<1.5	110		<1.5
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		<3.4	<3.4	<3.4	110		<3.4
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0							
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01	<0.1	<0.01	<0.01		<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01	<0.1	<0.01	<0.01		<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01	4.3	<0.01	<0.01		<0.01
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0		<10	<76.3	<10	220		<10
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH112	TP105	TP105	TP106	TP106	TP119
									Easting	384401.713	384843.779	384843.779	384830.717	384830.717	384483.283
									Northing	399486.259	399726.261	399726.261	399695.601	399695.601	399475.961
									Hole Elevation (mOD)	32.249	41.107	41.107	42.654	42.654	31.601
									Sample Depth (mbgl)	0.3	0.3	1.3	0.4	2.8	3
									Sample Date	10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	CHES
										RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0		<0.9	27	11	11		<0.9
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0		<0.5	41	19	19		<0.5
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0		<0.6	40	24	42		<0.6
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0		<1.4	160	98	84		<1.4
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0							
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0		<0.01	<0.1	<0.01	<0.01		<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0		<0.01	<0.1	<0.01	<0.01		<0.01
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0							
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0							
TPH >C10-40		mg/kg	No GAC	-	<10	240		0						190	
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		0.04		<0.03	0.04		<0.03
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		0.05		0.07	0.15		<0.03
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		0.89		0.2	0.96		<0.03
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		0.03		0.1	0.04		<0.03
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		0.25		0.52	0.55		<0.03
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		0.41		0.14	0.56		<0.03
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		0.89		0.51	2.4		<0.03
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		<0.03	<0.1	0.04	0.07		<0.03
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0							
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0							
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		4.8		6.4	10	47	<0.1
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		<0.03		0.7	0.14		<0.03
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		0.1		0.51	0.18		<0.03
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		0.35		0.2	0.8		<0.03
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		0.3		2.3	1		<0.03
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		0.44		0.24	0.99		<0.03
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		0.54		0.37	1.1		<0.03
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		0.17		0.37	0.3		<0.03
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		0.41		0.22	1.1		<0.03
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01	<0.1	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01	<0.1	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01	<0.1	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0			<0.1				
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0			<0.1				
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		<0.01		<0.01	<0.01	<0.01	<0.01
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0						<0.04	
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0							
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0							
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH112	TP105	TP105	TP106	TP106	TP119
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									Hole Elevation (mOD)	32.249	41.107	41.107	42.654	42.654	31.601
									Sample Depth (mbgl)	0.3	0.3	1.3	0.4	2.8	3
									Sample Date	10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	CHES
										RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1				
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0			<0.1				
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1				
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0			<0.1				
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1				
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0			<0.1				
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0			<0.1				
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0			<0.1				
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0			<0.1				
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0			<0.1				
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0			<0.1				
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1				
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0			<0.1				
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1				
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0			<0.1				
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0							
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1				
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0							
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: BH112	TP105	TP105	TP106	TP106	TP119
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Hole Elevation (mOD)									32.249	41.107	41.107	42.654	42.654	31.601
Sample Depth (mbgl)									0.3	0.3	1.3	0.4	2.8	3
Sample Date									10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
Investigation									VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology									MG-G	MG-G	MG-G	MG-G	MG-G	CHES
									RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0		<0.1				
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0		<0.1				
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1				
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0						
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0						
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0						
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0						
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1				
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1				
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0						
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1				
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1				
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0						
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0						
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0						
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0						
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0		<0.1				
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1				
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0						
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0						
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0						
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0						
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1			
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0						
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0						
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0			<0.1			
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0			<0.1			
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0						
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1			
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0			<0.1			
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0			<0.1			
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0			<0.1			
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1			
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0						
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1			
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0						
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0			<0.1			
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1			
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0						
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0			<0.1			
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.1			
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.1			
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0						
Herbicides														
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0						
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0						
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					BH112	TP105	TP105	TP106
Easting					384401.713	384843.779	384843.779	384830.717
Northing					399486.259	399726.261	399726.261	399695.601
Hole Elevation (mOD)					32.249	41.107	41.107	42.654
Sample Depth (mbgl)					0.3	0.3	1.3	0.4
Sample Date					10/01/19	03/01/19	03/01/19	03/01/19
Investigation					VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology					MG-G	MG-G	MG-G	MG-G
					RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH112	TP105	TP105	TP106	TP106	TP119
									Easting	384401.713	384843.779	384843.779	384830.717	384830.717	384483.283
									Northing	399486.259	399726.261	399726.261	399695.601	399695.601	399475.961
									Hole Elevation (mOD)	32.249	41.107	41.107	42.654	42.654	31.601
									Sample Depth (mbgl)	0.3	0.3	1.3	0.4	2.8	3
									Sample Date	10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	CHES
										RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0							
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0							
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0							
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0							
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0							
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0							
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0							
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0							
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0							
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0							
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0							
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0							
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0							
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0							
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0							
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0							
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0							
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0							
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0							
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0							
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0							
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0							
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0							
Aluminium		mg/kg	No GAC	-	7410	15900		0							
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0							
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0		<0.01	<0.1	<0.01	<0.01		<0.01
Asbestos ACM - Suitable for Water		-	No GAC	-				0							
Asbestos in soil		-	No GAC	-				0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH112	TP105	TP105	TP106	TP106	TP119
									Easting	384401.713	384843.779	384843.779	384830.717	384830.717	384483.283
									Northing	399486.259	399726.261	399726.261	399695.601	399695.601	399475.961
									Hole Elevation (mOD)	32.249	41.107	41.107	42.654	42.654	31.601
									Sample Depth (mbgl)	0.3	0.3	1.3	0.4	2.8	3
									Sample Date	10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	CHES
										RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0							
Barium		mg/kg	No GAC	-	34	385		0							
Calcium		mg/kg	No GAC	-	11600	59700		0							
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0							
Cobalt		mg/kg	No GAC	-	5	18		0							
Coronene		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0							
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0							
EPH CWG GCxGC ID (for FID		-	No GAC	-				0							
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0							
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0							
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0							
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Iron		mg/kg	No GAC	-	27000	62500		0							
Loss on ignition		%	No GAC	-	0.97	53		0							1.7
Magnesium		mg/kg	No GAC	-	1710	2910		0							
Manganese		mg/kg	No GAC	-	247	750		0							
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0							
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Molybdenum		mg/kg	No GAC	-	<1	7		0							
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0							
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0							<0.01
Perylene		mg/kg	No GAC	-	<0.1	83		0							
Potassium		mg/kg	No GAC	-	690	1840		0							
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0							
Resorcinol		mg/kg	No GAC	-				0							
SVOC TICs (Tentatively Identified		-	No GAC	-				0							
Silver		mg/kg	No GAC	-	<10	<10		0							
Sulphide		mg/kg	No GAC	-	<5	610		0							
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0							
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Tin		mg/kg	No GAC	-	<5	222		0							
Titanium		mg/kg	No GAC	-	100	470		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0							
Total Aromatics		mg/kg	No GAC	-				0							
Total Aromatics		mg/kg	No GAC	-	5	47100		0							
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0							
Trimethylphenol		mg/kg	No GAC	-				0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-				0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref							BH112	TP105	TP105	TP106	TP106	TP119
Easting							384401.713	384843.779	384843.779	384830.717	384830.717	384483.283
Northing							399486.259	399726.261	399726.261	399695.601	399695.601	399475.961
Hole Elevation (mOD)							32.249	41.107	41.107	42.654	42.654	31.601
Sample Depth (mbgl)							0.3	0.3	1.3	0.4	2.8	3
Sample Date							10/01/19	03/01/19	03/01/19	03/01/19	03/01/19	09/01/19
Investigation							VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology							MG-G	MG-G	MG-G	MG-G	MG-G	CHES
Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0						
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0						
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Ethers Total (from SVOC)		mg/kg	No GAC	-				0						
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0						
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0						
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0						
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0						
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0						
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0	<10	340	150	380		<10
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0	<10	260	150	160		<10
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0						
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
									Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
									Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
									Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
									Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
									Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		1.3	3.7	2.7	6.6	<1	59
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		4.1	19	16	18	4.5	23
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		<0.2	1.9	1.2	1	<0.2	1.3
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		0.6	0.6	0.9	0.4	<0.1	0.4
Chromium	33000	mg/kg	58 of 58	0	6	57		0		12	22	19	15	6.8	15
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1	<1	<1	<1	<1	<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0		59	120	110	350	10	280
Lead	1300	mg/kg	58 of 58	4	4	2250		0		47	96	**2100**	440	28	730
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		<0.05	0.13	0.14	0.39	<0.05	0.18
Nickel	804	mg/kg	58 of 58	0	4	50		0		7.5	28	17	28	6.5	24
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		10	35	23	28	8.7	29
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		100	140	140	280	35	260
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		11.6	8.3	10.1	8.1	8	8.1
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		<0.1	0.3	0.4	0.2	<0.1	<0.1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0			0.3				
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0			<0.1				
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0			0.8				
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		1.6	1.5	1	1.2	0.8	1.1
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		0.9	16	4.5	4.3	0.7	3.7
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0		NAD	Chrysotile	NAD	NAD	NAD	NAD
Asbestos Analysts Comments		---	No GAC	-				0		na	Chrysotile in microscopic cement	na	na	na	na
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5	<1.5	<1.5	<1.5	<1.5	<1.5
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		3.7	<1.2	<1.2	<1.2	<1.2	<1.2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		25	<1.5	<1.5	<1.5	<1.5	<1.5
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		91	<3.4	<3.4	<3.4	<3.4	<3.4
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0							
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0		120	<10	<10	<10	<10	<10
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref								TP119	TP120	TP120	TP121	TP121	TP122
Easting								384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
Northing								399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
Hole Elevation (mOD)								31.601	31.069	31.069	30.274	30.274	30.448
Sample Depth (mbgl)								0.2	1	0.3	0.3	2.3	0.3
Sample Date								09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
Investigation								VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology								MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0	<0.9	<0.9	<0.9	<0.9	<0.9	<0.9
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0						
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0						
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0						
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0						
TPH >C10-40		mg/kg	No GAC	-	<10	240		0						
PAH														
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0	<0.03	<0.1	<0.03	<0.03	<0.03	<0.03
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0	<0.03	<0.1	<0.03	<0.03	<0.03	<0.03
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0	0.24	0.3	0.08	<0.03	<0.03	<0.03
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0	<0.03	<0.1	<0.03	<0.03	<0.03	<0.03
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0	0.06	0.1	<0.03	<0.03	<0.03	<0.03
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0	0.07	0.1	0.05	<0.03	<0.03	<0.03
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0	0.2	0.3	0.06	<0.03	<0.03	<0.03
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1	<0.03	<0.01	<0.03	<0.03	<0.03	<0.03
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0						
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0						
Pah,Total		mg/kg	No GAC	-	<0.1	620		0	1		0.2	<0.1	<0.1	<0.1
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0	<0.03	<0.1	<0.03	<0.03	<0.03	<0.03
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0	<0.03	<0.1	<0.03	<0.03	<0.03	<0.03
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0	0.06	0.2	<0.03	<0.03	<0.03	<0.03
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0	0.09	0.1	<0.03	<0.03	<0.03	<0.03
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0	0.06	0.2	<0.03	<0.03	<0.03	<0.03
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0	0.1	0.2	<0.03	<0.03	<0.03	<0.03
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0	0.05	<0.1	<0.03	<0.03	<0.03	<0.03
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0	0.11	0.2	0.03	<0.03	<0.03	<0.03
BTEX														
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0		<0.01				
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0		<0.01				
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0	<0.01		<0.01	<0.01	<0.01	<0.01
BTEX and MTBE Total		mg/kg	No GAC	-				0						
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0						
PCBs														
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0						
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0						
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0						
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0						
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
									Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
									Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
									Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
									Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
									Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0			<0.01				
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0			<0.01				
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0			<0.01				
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0			<0.01				
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0			<0.01				
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0			<0.01				
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0			<0.01				
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0			<0.01				
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0			<0.01				
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0			<0.01				
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0			<0.1				
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0			<0.1				
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0			<0.1				
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
									Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
									Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
									Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
									Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
									Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0			<0.01				
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0			<0.01				
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0			<0.1				
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0							
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0							
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0							
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0			<0.1				
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0			<0.1				
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0			<0.1				
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0			<0.01				
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0							
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1				
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0			<0.1				
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0							
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0			<0.01				
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0			<0.01				
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0			<0.1				
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0			<0.01				
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0			<0.01				
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0			<0.01				
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0							
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0			<0.01				
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0			<0.01				
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.01				
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.01				
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
									Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
									Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
									Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
									Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
									Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0							
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0							
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0							
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0							
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0							
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0							
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0							
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0							
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0							
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0							
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0							
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0							
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0							
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0							
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0							
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0							
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0							
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0							
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0							
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0							
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0							
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Propham		mg/kg	No GAC	-	<0.1	<0.1		0							
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0							
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0							
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Pesticides															
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0							
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
									Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
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									Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
									Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
									Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0							
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0							
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0							
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0							
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0							
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0							
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0							
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0							
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0							
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0							
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0							
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0							
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0							
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0							
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0							
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0							
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0							
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0							
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0							
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0							
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0							
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0			<0.1				
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0							
Aluminium		mg/kg	No GAC	-	7410	15900		0							
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0							
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Asbestos ACM - Suitable for Water		-	No GAC	-				0							
Asbestos in soil		-	No GAC	-				0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
									Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
									Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
									Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
									Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
									Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
										RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0							
Barium		mg/kg	No GAC	-	34	385		0							
Calcium		mg/kg	No GAC	-	11600	59700		0							
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0							
Cobalt		mg/kg	No GAC	-	5	18		0							
Coronene		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0							
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0							
EPH CWG GCxGC ID (for FID		-	No GAC	-				0							
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0							
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0							
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0							
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Iron		mg/kg	No GAC	-	27000	62500		0							
Loss on ignition		%	No GAC	-	0.97	53		0							
Magnesium		mg/kg	No GAC	-	1710	2910		0							
Manganese		mg/kg	No GAC	-	247	750		0							
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0							
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Molybdenum		mg/kg	No GAC	-	<1	7		0							
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0							
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0							
Perylene		mg/kg	No GAC	-	<0.1	83		0							
Potassium		mg/kg	No GAC	-	690	1840		0							
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0							
Resorcinol		mg/kg	No GAC	-				0							
SVOC TICs (Tentatively Identified		-	No GAC	-				0							
Silver		mg/kg	No GAC	-	<10	<10		0							
Sulphide		mg/kg	No GAC	-	<5	610		0							
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0							
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Tin		mg/kg	No GAC	-	<5	222		0							
Titanium		mg/kg	No GAC	-	100	470		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0							
Total Aromatics		mg/kg	No GAC	-				0							
Total Aromatics		mg/kg	No GAC	-	5	47100		0							
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0							
Trimethylphenol		mg/kg	No GAC	-				0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-				0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	TP119	TP120	TP120	TP121	TP121	TP122
Easting	384483.283	384451.844	384451.844	384442.251	384442.251	384423.36
Northing	399475.961	399460.069	399460.069	399393.368	399393.368	399438.117
Hole Elevation (mOD)	31.601	31.069	31.069	30.274	30.274	30.448
Sample Depth (mbgl)	0.2	1	0.3	0.3	2.3	0.3
Sample Date	09/01/19	09/01/19	09/01/19	11/01/19	11/01/19	11/01/19
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
Geology	MG-G-G	MG-CO	MG-G	MG-G	MG-G-G	MG-G
	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Total Aliphatics and Aromatics C5-C35	120	<10	<10	<10	<10	<10
Total Aromatics C5-C35	<10	<10	<10	<10	<10	<10

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
									Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
									Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
									Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
									Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
									Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		3.3	1.5	11	1.4	2.7	
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		12	12	14	9.7	32	
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		0.8	0.6	0.6	0.6	1.5	
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		0.3	0.5	0.3	0.2	0.4	
Chromium	33000	mg/kg	58 of 58	0	6	57		0		13	12	16	18	22	
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1	<1	<1		<1	
Copper	44400	mg/kg	58 of 58	0	5	7500		0		57	80	60	7500	62	
Lead	1300	mg/kg	58 of 58	4	4	2250		0		280	280	490	63	54	
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		0.16	0.63	0.68	0.1	0.23	
Nickel	804	mg/kg	58 of 58	0	4	50		0		16	11	15	19	34	
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	0.5	<0.5	<0.5	3.1	
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		20	19	24	19	110	
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		97	140	220	330	240	
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		7.8	8.5	8.5	7.7	8.1	
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		0.8	0.4	0.4	0.1	0.6	
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		1.1	1.3	1.5	1.4	0.3	
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		1.8	2.1	3.4	2.1	15	16
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0		NAD	NAD	Amosite		NAD	
Asbestos Analysts Comments		---	No GAC	-				0		na	na	Amosite present in small bundles		na	
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0							
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	<0.3	12	<0.3	<0.3	
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5	<1.5	<1.5		<1.5	
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		<1.2	<1.2	<1.2		<1.2	
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		<1.5	<1.5	<1.5		<1.5	
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		<3.4	<3.4	<3.4		<3.4	
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0						<3.4	
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01	<0.01	<0.01		<0.01	
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01	<0.01	<0.01		<0.01	
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01	<0.01	<0.01		<0.01	
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0		<10	<10	<10			
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
									Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
									Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
									Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
									Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
									Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0		<0.9	<0.9	8.6		<0.9	
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0		<0.5	<0.5	28		<0.5	
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0		<0.6	<0.6	75		<0.6	
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0		<1.4	<1.4	88		<1.4	
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0						<1.4	
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0		<0.01	<0.01	<0.01		<0.01	
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0		<0.01	<0.01	<0.01		<0.01	
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0							
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0							
TPH >C10-40		mg/kg	No GAC	-	<10	240		0			61				240
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		0.11	0.04	6.1		0.09	
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		<0.03	<0.03	0.23		0.03	
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		0.59	0.68	13		1.2	
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		0.07	<0.03	4		0.11	
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		0.06	0.12	0.75		0.17	
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		0.58	0.42	20		1.1	
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		0.53	0.7	13		2	
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		<0.03	<0.03	18		0.12	
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0							
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0							
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		2.8	3.6	95		7.5	17
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		<0.03	<0.03	0.11		0.1	
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		0.11	0.08	3.7		0.23	
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		0.18	0.3	3.7		0.48	
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		0.06	0.15	0.93		0.27	
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		0.1	0.28	2.7		0.41	
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		0.14	0.36	2.9		0.51	
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		0.08	0.13	1.2		0.18	
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		0.21	0.32	4.4		0.61	
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0							
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0							
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0			<0.04				<0.04
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0							
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0							
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
									Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
									Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
									Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
									Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
									Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0							
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0							
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0							
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0							
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0							
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0							
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0							
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0							
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0							
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0							
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0							
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0							
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0
Herbicides								
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0

Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
									Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
									Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
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									Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
									Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0							
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0							
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0							
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0							
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0							
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0							
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0							
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0							
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0							
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0							
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0							
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0							
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0							
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0							
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0							
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0							
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0							
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0							
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0							
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0							
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0							
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Propham		mg/kg	No GAC	-	<0.1	<0.1		0							
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0							
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0							
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Pesticides															
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0							
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
									Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
									Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
									Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
									Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
									Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0							
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0							
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0							
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0							
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0							
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0							
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0							
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0							
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0							
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0							
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0							
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0							
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0							
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0							
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0							
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0							
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0							
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0							
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0							
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0							
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0							
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0							
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0							<10
Aluminium		mg/kg	No GAC	-	7410	15900		0							
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0							2
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0		<0.01	<0.01	<0.01			<0.01
Asbestos ACM - Suitable for Water		-	No GAC	-				0							
Asbestos in soil		-	No GAC	-				0							

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0						
Barium		mg/kg	No GAC	-	34	385		0						
Calcium		mg/kg	No GAC	-	11600	59700		0						
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0						
Cobalt		mg/kg	No GAC	-	5	18		0						
Coronene		mg/kg	No GAC	-				0						
Cresols		mg/kg	No GAC	-				0						
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0						
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0						
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0						
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0						
EPH CWG GCxGC ID (for FID		-	No GAC	-				0						
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0						
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0						
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0						
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0						
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0						
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0						
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0						
Iron		mg/kg	No GAC	-	27000	62500		0						
Loss on ignition		%	No GAC	-	0.97	53		0		3.1				9.6
Magnesium		mg/kg	No GAC	-	1710	2910		0						
Manganese		mg/kg	No GAC	-	247	750		0						
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0						
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Molybdenum		mg/kg	No GAC	-	<1	7		0						
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0						
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0		<0.01				<0.01
Perylene		mg/kg	No GAC	-	<0.1	83		0						
Potassium		mg/kg	No GAC	-	690	1840		0						
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0						
Resorcinol		mg/kg	No GAC	-				0						
SVOC TICs (Tentatively Identified		-	No GAC	-				0						
Silver		mg/kg	No GAC	-	<10	<10		0						
Sulphide		mg/kg	No GAC	-	<5	610		0						
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0						
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0						
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0						
Tin		mg/kg	No GAC	-	<5	222		0						
Titanium		mg/kg	No GAC	-	100	470		0						
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0						
Total Aromatics		mg/kg	No GAC	-				0						
Total Aromatics		mg/kg	No GAC	-	5	47100		0						
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0						
Trimethylphenol		mg/kg	No GAC	-				0						
VOC TICs		-	No GAC	-				0						
Xylenols & Ethylphenols		mg/kg	No GAC	-				0						
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0					<10	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	WS101	WS102	WS103	BH203	BH203	BH203
Easting	384734.621	384761.314	384813.849	384845.747	384845.747	384845.747
Northing	399613.694	399589.102	399611.16	399748.863	399748.863	399748.863
Hole Elevation (mOD)	32.187	32.203	32.572	41.891	41.891	41.891
Sample Depth (mbgl)	0.3	1	1	11.7	0.5	1.2
Sample Date	08/01/19	07/01/19	07/01/19	13/04/21	12/04/21	12/04/21
Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604	NW1604
Geology	MG-G	MG-G-G	MG-G	MG-CO	MG-G	MG-G
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Aliphatics and Aromatics C10-C44					<10	
Total Aliphatics and Aromatics C5-C35	<10	<10	200			
Total Aromatics C5-C35	<10	<10	200			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH203	BH204	BH212	BH212	BH212A	BH213
									Easting	384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
									Northing	399748.863	399703.59	399426.078	399426.078	399435.083	399487.578
									Hole Elevation (mOD)	41.891	43.276	30.377	30.377	30.484	31.943
									Sample Depth (mbgl)	6.2	1.2	0.4	2.2	0.6	1.2
									Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		7.3	3.9	5.6	6.1	4.7	2.9
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		20	29	32	11	26	18
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		1.6	1.4	1.4	1.6	1.5	1
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		1.1	0.4	1.4	0.4	0.7	0.4
Chromium	33000	mg/kg	58 of 58	0	6	57		0		15	16	23	10	17	13
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1	<1	<1		<1	<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0		150	180	260	80	210	91
Lead	1300	mg/kg	58 of 58	4	4	2250		0		200	280	430	850	370	100
Manganese		mg/kg	No GAC	-	350	1400		0				1400		350	
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		1.8	24	0.88	0.3	0.45	<0.05
Nickel	804	mg/kg	58 of 58	0	4	50		0		29	29	42	21	26	25
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	<0.5	1.8	0.6	<0.5	<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		47	46	50	35	36	25
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		260	220	1500	210	160	100
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		8	8	7.1	9	7.3	6.8
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		<0.1	1.7	0.9	0.3	3.1	0.2
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0				0.9		2.9	0.2
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0				<0.1		0.2	<0.1
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0				0.6		<0.6	1.3
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		0.3	1.1	1.2	0.6	0.7	0.7
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		1.6	1.5	2.5	1.1	3.2	6.1
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0						0.005	
Asbestos (Presence of)		---	No GAC	-				0		NAD	NAD	NAD		Chrysotile	NAD
Asbestos Analysts Comments		---	No GAC	-				0		na	na	na		Bundles of Chrysotile fibres	na
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	<0.3	<0.3	<0.3	0.3	0.8
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5		<1.5		<1.5	3
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		<1.2		<1.2		<1.2	17
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		<1.5		<1.5		<1.5	25
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		<3.4		<3.4		<3.4	22
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0		<3.4		<3.4		<3.4	<3.4
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01		<0.01		<0.01	<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01		<0.01		<0.01	<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01		<0.01		<0.01	<0.01
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0							
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH203	BH204	BH212	BH212	BH212A	BH213
									Easting	384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
									Northing	399748.863	399703.59	399426.078	399426.078	399435.083	399487.578
									Hole Elevation (mOD)	41.891	43.276	30.377	30.377	30.484	31.943
									Sample Depth (mbgl)	6.2	1.2	0.4	2.2	0.6	1.2
									Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0		18		<0.9		4.3	9.5
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0		42		1.8		25	100
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0		42		17		61	360
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0		15		23		89	560
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0		<1.4		<1.4		<1.4	35
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0		<0.01		<0.01		<0.01	<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0		1.6		<0.01		<0.01	<0.01
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0							
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0							
TPH >C10-40		mg/kg	No GAC	-	<10	240		0							
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		1.3		0.46		3.1	19
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		0.05		0.06		0.15	**5**
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		2.4		3.8		12	120
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		1.4		0.36		2.3	15
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		0.26		0.24		0.66	14
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		7.1		3.8		15	110
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		4.6		3.2		10	110
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		2.2		0.15		1.4	7
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0							
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0							
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		39		18		60	620
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		0.3		<0.03		<0.03	0.44
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		1.5		0.89		3.2	24
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		0.84		1.2		2.9	43
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		0.48		0.28		0.83	16
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		0.8		0.6		1.8	**26**
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		0.62		1		2.6	**37**
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		0.22		0.4		0.93	17
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		0.83		1.1		3	50
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		0.12		<0.01		<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01		<0.01		<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		0.22		<0.01		<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0		<0.1					
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0		<0.1					
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		0.57		<0.01		<0.01	<0.01
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0							
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0							
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0							
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH203	BH204	BH212	BH212	BH212A	BH213
									Easting	384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
									Northing	399748.863	399703.59	399426.078	399426.078	399435.083	399487.578
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									Sample Depth (mbgl)	6.2	1.2	0.4	2.2	0.6	1.2
									Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0		<0.1					
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0		<0.1					
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0		<0.1					
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0		<0.1					
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0		<0.1					
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0		<0.1					
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0		<0.1					
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0		<0.1					
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0		<0.1					
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0		<0.1					
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0		<0.1					
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0		1.7					
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0		<0.1					
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

									Hole Ref	BH203	BH204	BH212	BH212	BH212A	BH213
									Easting	384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
									Northing	399748.863	399703.59	399426.078	399426.078	399435.083	399487.578
									Hole Elevation (mOD)	41.891	43.276	30.377	30.377	30.484	31.943
									Sample Depth (mbgl)	6.2	1.2	0.4	2.2	0.6	1.2
									Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**		**St Catherine's Wood**	**St Catherine's Wood**	**RB Terrace**	**RB Terrace**	**RB Terrace**	**RB Terrace**
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0		<0.1					
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0		<0.1					
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0		<0.1					
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0							
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0							
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0							
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0		<0.1					
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0		<0.1					
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0		<0.1					
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0		<0.1					
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0							
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1					
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0		<0.1					
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0							
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0		<0.1					
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0		<0.1					
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1					
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1					
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0		<0.1					
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0		<0.1					
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0		<0.1					
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0							
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0		<0.1					
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0		<0.1					
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.1					
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.1					
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					BH203	BH204	BH212	BH212	BH212A	BH213
Easting					384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
Northing					399748.863	399703.59	399426.078	399426.078	399435.083	399487.578
Hole Elevation (mOD)					41.891	43.276	30.377	30.377	30.484	31.943
Sample Depth (mbgl)					6.2	1.2	0.4	2.2	0.6	1.2
Sample Date					12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
Investigation					NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology					MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
					St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0		
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0		
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0		
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0		
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0		
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0		
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0		
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0		
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0		
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0		
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0		
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0		
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0		
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0		
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0		
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0		
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0		
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0		
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0		
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0		
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0		
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0		
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0		
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0		
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0		
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0		
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0		
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0		
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0		
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0		
Propham		mg/kg	No GAC	-	<0.1	<0.1		0		
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0		
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0		
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0		
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0		
Pesticides										
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0		
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0		
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

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Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace
2,3,5,6-Tetrachlorophenol	<0.1					
3+4-Methylphenol	<0.1					
4-Chlorophenyl Phenyl Ether	<0.1					
Aliphatics >C10-44	<10	<10		<10		58
Aro >C5-C7	0.12	<0.01		<0.01		<0.01

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

									Hole Ref	BH203	BH204	BH212	BH212	BH212A	BH213
									Easting	384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
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									Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**		**St Catherine's Wood**	**St Catherine's Wood**	**RB Terrace**	**RB Terrace**	**RB Terrace**	**RB Terrace**
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0							
Barium		mg/kg	No GAC	-	34	385		0							
Calcium		mg/kg	No GAC	-	11600	59700		0							
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0							
Cobalt		mg/kg	No GAC	-	5	18		0							
Coronene		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0							
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0							
EPH CWG GCxGC ID (for FID		-	No GAC	-				0							
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0							
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0							
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0							
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Iron		mg/kg	No GAC	-	27000	62500		0				46000		27000	
Loss on ignition		%	No GAC	-	0.97	53		0							
Magnesium		mg/kg	No GAC	-	1710	2910		0							
Manganese		mg/kg	No GAC	-	247	750		0							
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0							
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Molybdenum		mg/kg	No GAC	-	<1	7		0							
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0							
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0							
Perylene		mg/kg	No GAC	-	<0.1	83		0							
Potassium		mg/kg	No GAC	-	690	1840		0							
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0							
Resorcinol		mg/kg	No GAC	-				0							
SVOC TICs (Tentatively Identified		-	No GAC	-				0							
Silver		mg/kg	No GAC	-	<10	<10		0							
Sulphide		mg/kg	No GAC	-	<5	610		0							
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0							
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Tin		mg/kg	No GAC	-	<5	222		0							
Titanium		mg/kg	No GAC	-	100	470		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0							
Total Aromatics		mg/kg	No GAC	-				0							
Total Aromatics		mg/kg	No GAC	-	5	47100		0							
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0							
Trimethylphenol		mg/kg	No GAC	-				0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-				0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0		95		36		150	930

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	BH203	BH204	BH212	BH212	BH212A	BH213
Easting	384845.747	384815.474	384487.32	384487.32	384491.195	384475.449
Northing	399748.863	399703.59	399426.078	399426.078	399435.083	399487.578
Hole Elevation (mOD)	41.891	43.276	30.377	30.377	30.484	31.943
Sample Depth (mbgl)	6.2	1.2	0.4	2.2	0.6	1.2
Sample Date	12/04/21	31/03/21	29/03/21	29/03/21	30/03/21	31/03/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-G
	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Ortho Phosphate as P			0.14		42	
Total Aliphatics and Aromatics C10-C44	95		36		150	980

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH214	BH214A	TP204	TP204	TP205	TP205
									Easting	384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
									Northing	399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
									Hole Elevation (mOD)	30.366	30.033	42.12	42.12	40.96	40.96
									Sample Depth (mbgl)	1.1	2.2	3	1	1	2
									Sample Date	29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
										RB Terrace	RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		2.2	<1	<1			1.5
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		20	17	4.7			9.3
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		1.7	0.8	0.4			1
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		0.3	0.2	0.2			0.2
Chromium	33000	mg/kg	58 of 58	0	6	57		0		12	8.6	12			24
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1	<1	<1			<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0		94	150	25			38
Lead	1300	mg/kg	58 of 58	4	4	2250		0		870	520	11			43
Manganese		mg/kg	No GAC	-	350	1400		0		460					
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		0.06	0.24	<0.05			0.19
Nickel	804	mg/kg	58 of 58	0	4	50		0		29	18	19			32
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	<0.5	<0.5			<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		33	20	14			28
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		65	48	40			63
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		7.4	8.2	8.1			7.8
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		0.1	<0.1	0.2			0.6
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0		<0.2		<0.2			0.5
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0		<0.1		<0.1			0.1
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0		<0.6		<0.6			1.4
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		1.1	1.2	0.3			0.4
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		3.3	3.4	2.1		1.2	11
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0		NAD	NAD	NAD			NAD
Asbestos Analysts Comments		---	No GAC	-				0		na	na	na			na
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	<0.3	<0.3			<0.3
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5	<1.5	<1.5			<1.5
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		<1.2	<1.2	<1.2			<1.2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		<1.5	<1.5	<1.5			<1.5
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		<3.4	30	<3.4			<3.4
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0		<3.4	<3.4	<3.4			<3.4
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01	<0.01	<0.01			<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01	<0.01	<0.01			<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01	<0.01	<0.01			<0.01
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0							
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0
TPH >C10-40		mg/kg	No GAC	-	<10	240		0
PAH								
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0
Pah,Total		mg/kg	No GAC	-	<0.1	620		0
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0
BTEX								
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0
BTEX and MTBE Total		mg/kg	No GAC	-				0
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0
PCBs								
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0

Hole Ref	BH214	BH214A	TP204	TP204	TP205	TP205
Easting	384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
Northing	399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
Hole Elevation (mOD)	30.366	30.033	42.12	42.12	40.96	40.96
Sample Depth (mbgl)	1.1	2.2	3	1	1	2
Sample Date	29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
	RB Terrace	RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aro >C10-C12	<0.9	<0.9	<0.9			<0.9
Aro >C12-C16	<0.5	<0.5	<0.5			<0.5
Aro >C16-C21	<0.6	<0.6	<0.6			<0.6
Aro >C21-C35	<1.4	<1.4	<1.4			<1.4
Aro >C35-C44	<1.4	<1.4	<1.4			<1.4
Aro >C7-C8	<0.01	<0.01	<0.01			<0.01
Aro >C8-C10	<0.01	<0.01	<0.01			<0.01
Mineral Oil (>C10-C40)						
TPH (Ali & Aro >C5-C35)						
TPH (Ali & Aro >C5-C44)						
TPH >C10-40					<10	
PAH						
Acenaphthene	0.04	<0.03	<0.03			<0.03
Dibenz-a-h-anthracene	<0.03	<0.03	<0.03			<0.03
Fluoranthene	0.55	0.23	0.03			<0.03
Fluorene	0.05	<0.03	<0.03			<0.03
Indeno(1,2,3-cd)pyrene	0.04	0.06	<0.03			<0.03
Phenanthrene	0.76	0.19	<0.03			<0.03
Pyrene	0.46	0.23	0.06			<0.03
Naphthalene	<0.03	0.05	0.02			<0.01
PAH (total 17)						
Total PAH-16MS						
Pah,Total	2.5	1.4	0.28		<1.6	<0.1
Acenaphthylene	<0.03	<0.03	<0.03			<0.03
Anthracene	0.12	0.04	<0.03			<0.03
Benzo(a)anthracene	0.15	0.1	0.03			<0.03
Benzo (g,h,i) perylene	0.03	0.08	<0.03			<0.03
Benzo(a)pyrene	0.08	0.08	<0.03			<0.03
Benzo(b)fluoranthene	0.1	0.13	<0.03			<0.03
Benzo(k)fluoranthene	0.06	0.05	<0.03			<0.03
Chrysene	0.15	0.16	<0.03			<0.03
BTEX						
BTEX - Benzene	<0.01	<0.01	0.03		<0.01	<0.01
BTEX - Toluene	<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - Ethyl Benzene	<0.01	<0.01	0.02		<0.01	<0.01
BTEX - m & p Xylene			<0.01			<0.01
BTEX - o Xylene			<0.01			<0.01
Xylene	<0.01	<0.01	<0.01		<0.01	<0.01
BTEX and MTBE Total						
BTEX (total)					<0.04	
PCBs						
PCB BZ 105						
PCB BZ 114						
PCB BZ 118						
PCB BZ 123						
PCB BZ 126						
PCB BZ 156						
PCB BZ 157						
PCB BZ 167						
PCB BZ 169						
PCB BZ 189						
PCB BZ 77						
PCB BZ 81						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH214	BH214A	TP204	TP204	TP205	TP205
									Easting	384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
									Northing	399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
									Hole Elevation (mOD)	30.366	30.033	42.12	42.12	40.96	40.96
									Sample Depth (mbgl)	1.1	2.2	3	1	1	2
									Sample Date	29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
										RB Terrace	RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0				<0.01			<0.01
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0				<0.01			<0.01
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0				<0.01			<0.01
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0				<0.01			<0.01
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0				<0.01			<0.01
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0				<0.01			<0.01
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0				<0.01			<0.01
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0				<0.01			<0.01
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0				<0.01			<0.01
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0				<0.01			<0.01
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0				<0.1			<0.1
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0				<0.1			<0.1
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0				<0.1			<0.1
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

									Hole Ref	BH214	BH214A	TP204	TP204	TP205	TP205
									Easting	384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
									Northing	399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
									Hole Elevation (mOD)	30.366	30.033	42.12	42.12	40.96	40.96
									Sample Depth (mbgl)	1.1	2.2	3	1	1	2
									Sample Date	29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**		**RB Terrace**	**RB Terrace**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0				<0.01			<0.01
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0				<0.01			<0.01
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0				<0.1			<0.1
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0							
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0							
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0							
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0				<0.1			<0.1
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0				<0.1			<0.1
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0				<0.1			<0.1
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0				<0.01			<0.01
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0							
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			<0.1
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0				<0.1			<0.1
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0							
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0				<0.01			<0.01
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0				<0.01			<0.01
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0				<0.1			<0.1
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0				<0.01			<0.01
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0				<0.01			<0.01
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0							
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0				<0.01			<0.01
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0				<0.01			<0.01
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.01			<0.01
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.01			<0.01
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					BH214	BH214A	TP204	TP204
Easting					384401.767	384430.619	384845.704	384845.704
Northing					399368.426	399360.713	399741.07	399741.07
Hole Elevation (mOD)					30.366	30.033	42.12	42.12
Sample Depth (mbgl)					1.1	2.2	3	1
Sample Date					29/03/21	30/03/21	09/04/21	09/04/21
Investigation					NW1604	NW1604	NW1604	NW1604
Geology					MG-G	MG-G	MG-CO	MG-G
					RB Terrace	RB Terrace	St Catherine's Wood	St Catherine's Wood
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH214	BH214A	TP204	TP204	TP205	TP205
									Easting	384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
									Northing	399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
									Hole Elevation (mOD)	30.366	30.033	42.12	42.12	40.96	40.96
									Sample Depth (mbgl)	1.1	2.2	3	1	1	2
									Sample Date	29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
										RB Terrace	RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0							
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0							
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0							
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0							
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0							
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0							
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0							
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0							
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0							
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0							
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0							
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0							
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0							
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0							
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0							
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0							
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0							
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0							
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0							
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0							
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0							
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0				<0.1			<0.1
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0		<10	25	<10			<10
Aluminium		mg/kg	No GAC	-	7410	15900		0							
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0					1.9		
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0		<0.01	<0.01	<0.01			<0.01
Asbestos ACM - Suitable for Water		-	No GAC	-				0							
Asbestos in soil		-	No GAC	-				0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0
Barium		mg/kg	No GAC	-	34	385		0
Calcium		mg/kg	No GAC	-	11600	59700		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0
Cobalt		mg/kg	No GAC	-	5	18		0
Coronene		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	27000	62500		0
Loss on ignition		%	No GAC	-	0.97	53		0
Magnesium		mg/kg	No GAC	-	1710	2910		0
Manganese		mg/kg	No GAC	-	247	750		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	7		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0
Perylene		mg/kg	No GAC	-	<0.1	83		0
Potassium		mg/kg	No GAC	-	690	1840		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0
Resorcinol		mg/kg	No GAC	-				0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	610		0
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0
Tin		mg/kg	No GAC	-	<5	222		0
Titanium		mg/kg	No GAC	-	100	470		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0
Total Aromatics		mg/kg	No GAC	-				0
Total Aromatics		mg/kg	No GAC	-	5	47100		0
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0
Trimethylphenol		mg/kg	No GAC	-				0
VOC TICs		-	No GAC	-				0
Xylenols & Ethylphenols		mg/kg	No GAC	-				0
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0

Hole Ref	BH214	BH214A	TP204	TP204	TP205	TP205
Easting	384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
Northing	399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
Hole Elevation (mOD)	30.366	30.033	42.12	42.12	40.96	40.96
Sample Depth (mbgl)	1.1	2.2	3	1	1	2
Sample Date	29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
	RB Terrace	RB Terrace	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Iron	31000					
Loss on ignition						3.6
PCB Total						<0.01
Aromatics >C10-44	<10	<10	<10			<10

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref								BH214	BH214A	TP204	TP204	TP205	TP205
Easting								384401.767	384430.619	384845.704	384845.704	384849.258	384849.258
Northing								399368.426	399360.713	399741.07	399741.07	399729.41	399729.41
Hole Elevation (mOD)								30.366	30.033	42.12	42.12	40.96	40.96
Sample Depth (mbgl)								1.1	2.2	3	1	1	2
Sample Date								29/03/21	30/03/21	09/04/21	09/04/21	12/04/21	12/04/21
Investigation								NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology								MG-G	MG-G	MG-CO	MG-G	MG-CO	MG-G
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**	**RB Terrace**	**RB Terrace**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0						
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0						
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Ethers Total (from SVOC)		mg/kg	No GAC	-				0						
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0						
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0	2.7					
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0						
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0						
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0						
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0	<10	25	<10			<10
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0						
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0						
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0						
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP205	TP208	TP208	TP219	TP219	WS202
									Easting	384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
									Northing	399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
									Hole Elevation (mOD)	40.96	41.971	41.971	30.697	30.697	41.57
									Sample Depth (mbgl)	0.3	2	4	3.7	1	5
									Sample Date	12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	St Catherine's Wood
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0			1.4	1.1	<1	8.7	1.2
Arsenic	168	mg/kg	57 of 58	1	<1	180		0			26	10	4.9	**180**	7.3
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0			1	0.7	<0.2	2.6	0.9
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0			0.3	0.2	<0.1	1.9	0.2
Chromium	33000	mg/kg	58 of 58	0	6	57		0			16	11	9	57	25
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0			<1				
Copper	44400	mg/kg	58 of 58	0	5	7500		0			37	30	11	140	27
Lead	1300	mg/kg	58 of 58	4	4	2250		0			67	61	15	430	11
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0			0.41	0.21	<0.05	0.11	<0.05
Nickel	804	mg/kg	58 of 58	0	4	50		0			33	15	7.4	38	30
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0			0.6	<0.5	<0.5	<0.5	<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0			25	19	8.9	50	27
Zinc	173000	mg/kg	58 of 58	0	12	1500		0			130	45	22	240	55
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0			8	8.2	7.7	8.2	8
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0							
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0			0.1	<0.1	0.5	0.6	<0.1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0			0.3	0.3	0.2	1	0.7
Total Organic Carbon		%	No GAC	-	0.1	48.2		0			4.1	2.6	0.5	2.6	0.9
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0			NAD			NAD	
Asbestos Analysts Comments		---	No GAC	-				0			na			na	
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0			<0.3	<0.3	<0.3	<0.3	<0.3
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0					<1.5		
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2					<1.2		
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0					<1.5		
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0					<3.4		
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0					<3.4		
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0					<0.01		
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0					<0.01		
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0					<0.01		
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0							
Total Aliphatics		mg/kg	No GAC	-	2	5930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref								TP205	TP208	TP208	TP219	TP219	WS202
Easting								384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
Northing								399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
Hole Elevation (mOD)								40.96	41.971	41.971	30.697	30.697	41.57
Sample Depth (mbgl)								0.3	2	4	3.7	1	5
Sample Date								12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
Investigation								NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology								MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	St Catherine's Wood
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0				<0.9		
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0				<0.5		
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0				<0.6		
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0				<1.4		
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0				<1.4		
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0				<0.01		
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0				<0.01		
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0						
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0						
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0						
TPH >C10-40		mg/kg	No GAC	-	<10	240		0						
PAH														
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		<0.03		<0.03	0.1	
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		<0.03		<0.03	<0.1	
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		0.09		<0.03	1.7	
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		<0.03		<0.03	<0.1	
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		0.08		<0.03	0.4	
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		0.05		<0.03	1	
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		0.28		<0.03	1.5	
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		<0.03		<0.01	<0.01	
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0						
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0						
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		1.1		<0.1		
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		<0.03		<0.03	<0.1	
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		<0.03		<0.03	0.3	
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		0.08		<0.03	0.7	
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		0.14		<0.03	0.4	
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		0.12		<0.03	0.7	
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		0.15		<0.03	1	
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		0.05		<0.03	0.3	
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		0.07		<0.03	0.7	
BTEX														
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01		<0.01	<0.01	
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01		<0.01	<0.01	
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01		<0.01	<0.01	
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0				<0.01	<0.01	
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0				<0.01	<0.01	
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		<0.01		<0.01		
BTEX and MTBE Total		mg/kg	No GAC	-				0						
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0						
PCBs														
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0						
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0						
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0						
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0						
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0						
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP205	TP208	TP208	TP219	TP219	WS202
									Easting	384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
									Northing	399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
									Hole Elevation (mOD)	40.96	41.971	41.971	30.697	30.697	41.57
									Sample Depth (mbgl)	0.3	2	4	3.7	1	5
									Sample Date	12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0					<0.01	<0.01	
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0					<0.01	<0.01	
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0					<0.01	<0.01	
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0					<0.01	<0.01	
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0					<0.01	<0.01	
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0					<0.01	<0.01	
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0					<0.01	<0.01	
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0					<0.01	<0.01	
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0					<0.01	<0.01	
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0					<0.01	<0.01	
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0					<0.1	<0.1	
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0					<0.1	<0.1	
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0					<0.1	<0.1	
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TP205	TP208	TP208	TP219	TP219	WS202
									Easting	384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
									Northing	399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
									Hole Elevation (mOD)	40.96	41.971	41.971	30.697	30.697	41.57
									Sample Depth (mbgl)	0.3	2	4	3.7	1	5
									Sample Date	12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	St Catherine's Wood
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0					<0.01	<0.01	
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0					<0.01	<0.01	
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0					<0.1	<0.1	
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0							
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0							
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0							
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0					<0.1	<0.1	
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0					<0.1	<0.1	
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0					<0.1	<0.1	
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0					<0.01	<0.01	
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0							
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1	
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0					<0.1	<0.1	
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0							
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0					<0.01	<0.01	
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0					<0.01	<0.01	
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1	
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0					<0.1	<0.1	
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0					<0.01	<0.01	
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0					<0.01	<0.01	
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0							
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0					<0.01	<0.01	
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0					<0.01	<0.01	
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.01	<0.01	
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.01	<0.01	
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					TP205	TP208	TP208	TP219
Easting					384849.258	384846.625	384846.625	384428.702
Northing					399729.41	399752.617	399752.617	399453.431
Hole Elevation (mOD)					40.96	41.971	41.971	30.697
Sample Depth (mbgl)					0.3	2	4	3.7
Sample Date					12/04/21	07/04/21	07/04/21	09/04/21
Investigation					NW1604	NW1604	NW1604	NW1604
Geology					MG-G	MG-G	MG-G	GTD - G
					St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					TP219	WS202		
Easting					384428.702	384863.207		
Northing					399453.431	399774.214		
Hole Elevation (mOD)					30.697	41.57		
Sample Depth (mbgl)					1	5		
Sample Date					09/04/21	28/04/21		
Investigation					NW1604	NW1604		
Geology					MG-G	MG-CO		
					RB Terrace	St Catherine's Wood		
2,4-DB		mg/kg	No GAC	-				0
4-CPA		mg/kg	No GAC	-				0
Ametryne		mg/kg	No GAC	-				0
Atraton		mg/kg	No GAC	-				0
Atrazine	2300	mg/kg	0 of 4	0				0
Benazolin		mg/kg	No GAC	-				0
Bentazone		mg/kg	No GAC	-				0
Bromacil		mg/kg	No GAC	-				0
Bromoxynil		mg/kg	No GAC	-				0
Carbetamide		mg/kg	No GAC	-				0
Chlorbufam		mg/kg	No GAC	-				0
Chlorpropham		mg/kg	No GAC	-				0
Chlortoluron		mg/kg	No GAC	-				0
Clopyralid		mg/kg	No GAC	-				0
Cyfluthrin		mg/kg	No GAC	-				0
Cyhalothrin		mg/kg	No GAC	-				0
Cypermethrin		mg/kg	No GAC	-				0
Deltamethrin		mg/kg	No GAC	-				0
Dicamba		mg/kg	No GAC	-				0
Diclofop		mg/kg	No GAC	-				0
Diuron		mg/kg	No GAC	-				0
Fenvalerate		mg/kg	No GAC	-				0
Flamprop		mg/kg	No GAC	-				0
Flamprop-isopropyl		mg/kg	No GAC	-				0
Ioxynil		mg/kg	No GAC	-				0
Isoproturon		mg/kg	No GAC	-				0
Linuron		mg/kg	No GAC	-				0
MCPA		mg/kg	No GAC	-				0
MCPB		mg/kg	No GAC	-				0
MCPP; (Mecoprop)		mg/kg	No GAC	-				0
Monuron		mg/kg	No GAC	-				0
Permethrin		mg/kg	No GAC	-				0
Picloram		mg/kg	No GAC	-				0
Pirimicarb		mg/kg	No GAC	-				0
Prometon		mg/kg	No GAC	-				0
Prometryn		mg/kg	No GAC	-				0
Propazine		mg/kg	No GAC	-				0
Propham		mg/kg	No GAC	-				0
Simazine		mg/kg	No GAC	-				0
Simetryn		mg/kg	No GAC	-				0
Terbuthylazine		mg/kg	No GAC	-				0
Triclopyr		mg/kg	No GAC	-				0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0				0
Azinphos-ethyl		mg/kg	No GAC	-				0
Azinphos-methyl		mg/kg	No GAC	-				0
Carbophenothion		mg/kg	No GAC	-				0
Chlorfenvinphos		mg/kg	No GAC	-				0
Chlorothalonil		mg/kg	No GAC	-				0
Chlorpyrifos		mg/kg	No GAC	-				0
Chlorpyrifos-methyl		mg/kg	No GAC	-				0
Coumaphos		mg/kg	No GAC	-				0
Diazinon (Dimpylate)		mg/kg	No GAC	-				0

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	TP205	TP208	TP208	TP219	TP219	WS202
Easting	384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
Northing	399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
Hole Elevation (mOD)	40.96	41.971	41.971	30.697	30.697	41.57
Sample Depth (mbgl)	0.3	2	4	3.7	1	5
Sample Date	12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	St Catherine's Wood
2,3,5,6-Tetrachlorophenol				<0.1	<0.1	
3+4-Methylphenol				<0.1	<0.1	
4-Chlorophenyl Phenyl Ether				<0.1	<0.1	
Aliphatics >C10-44				<10		
Ammoniacal Nitrogen as N			2.6			
Aro >C5-C7				<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

									Hole Ref	TP205	TP208	TP208	TP219	TP219	WS202
									Easting	384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
									Northing	399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
									Hole Elevation (mOD)	40.96	41.971	41.971	30.697	30.697	41.57
									Sample Depth (mbgl)	0.3	2	4	3.7	1	5
									Sample Date	12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**		**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**RB Terrace**	**RB Terrace**	**St Catherine's Wood**
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0							
Barium		mg/kg	No GAC	-	34	385		0							
Calcium		mg/kg	No GAC	-	11600	59700		0							
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0							
Cobalt		mg/kg	No GAC	-	5	18		0							
Coronene		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0							
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0							
EPH CWG GCxGC ID (for FID		-	No GAC	-				0							
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0							
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0							
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0							
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Iron		mg/kg	No GAC	-	27000	62500		0							
Loss on ignition		%	No GAC	-	0.97	53		0							
Magnesium		mg/kg	No GAC	-	1710	2910		0							
Manganese		mg/kg	No GAC	-	247	750		0							
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0							
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Molybdenum		mg/kg	No GAC	-	<1	7		0							
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0							
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0							
Perylene		mg/kg	No GAC	-	<0.1	83		0							
Potassium		mg/kg	No GAC	-	690	1840		0							
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0							
Resorcinol		mg/kg	No GAC	-				0							
SVOC TICs (Tentatively Identified		-	No GAC	-				0							
Silver		mg/kg	No GAC	-	<10	<10		0							
Sulphide		mg/kg	No GAC	-	<5	610		0							
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0							
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Tin		mg/kg	No GAC	-	<5	222		0							
Titanium		mg/kg	No GAC	-	100	470		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0					<10		
Total Aromatics		mg/kg	No GAC	-				0							
Total Aromatics		mg/kg	No GAC	-	5	47100		0							
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0							
Trimethylphenol		mg/kg	No GAC	-				0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-				0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0					<10		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	TP205	TP208	TP208	TP219	TP219	WS202
Easting	384849.258	384846.625	384846.625	384428.702	384428.702	384863.207
Northing	399729.41	399752.617	399752.617	399453.431	399453.431	399774.214
Hole Elevation (mOD)	40.96	41.971	41.971	30.697	30.697	41.57
Sample Depth (mbgl)	0.3	2	4	3.7	1	5
Sample Date	12/04/21	07/04/21	07/04/21	09/04/21	09/04/21	28/04/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-G	GTD - G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace	RB Terrace	St Catherine's Wood

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref									WS202	WS202	WS202	WS204	WS204	WS206
Easting									384863.207	384863.207	384863.207	384794	384794	384832.42
Northing									399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
Hole Elevation (mOD)									41.57	41.57	41.57	32.84	32.84	32.61
Sample Depth (mbgl)									0.3	0.5	2	1	3	4
Sample Date									16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
Investigation									NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology									MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
									St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Metal														
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		1.2	<1		<1	<1
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		8.1	4.9		6.5	5.8
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		0.9	0.5		0.4	0.3
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		0.1	<0.1		<0.1	<0.1
Chromium	33000	mg/kg	58 of 58	0	6	57		0		23	9.9		14	8.2
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1			<1	<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0		28	20		15	12
Lead	1300	mg/kg	58 of 58	4	4	2250		0		25	30		11	6.2
Manganese		mg/kg	No GAC	-	350	1400		0						
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		0.07	0.07		<0.05	0.12
Nickel	804	mg/kg	58 of 58	0	4	50		0		26	13		13	8.5
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<0.5	<0.5		<0.5	<0.5
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		27	13		19	11
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		54	27		43	24
Inorganic														
pH		pH Units	No GAC	-	6.48	11.7		0		7.7	8		7.9	7.8
% Moisture at <40C		% w/w	No GAC	-				0						
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0						
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		<0.1	<0.1		<0.1	<0.1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0						
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0						
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0						
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		0.2	0.5		0.5	0.4
Total Organic Carbon		%	No GAC	-	0.1	48.2		0	14	0.9	2.3	2.1	0.4	0.7
Sulphate (acid soluble)		mg/kg	No GAC	-				0						
Asbestos														
Asbestos Matrix (microscope)		-	No GAC	-				0						
Asbestos Matrix (visual)		-	No GAC	-				0						
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0						
Asbestos (Presence of)		---	No GAC	-				0		NAD			NAD	NAD
Asbestos Analysts Comments		---	No GAC	-				0		na			na	na
Phenol and mineral oils														
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0						
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.3	<0.3		<0.3	<0.3
Phenols Total (from SVOC)		mg/kg	No GAC	-				0						
Phenols, Total		mg/kg	No GAC	-				0						
Cresols		mg/kg	No GAC	-				0						
Xylenols		mg/kg	No GAC	-				0						
TPH														
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1.5			<1.5	<1.5
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		<1.2			<1.2	<1.2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		<1.5			<1.5	<1.5
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		<3.4			<3.4	<3.4
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0		<3.4			<3.4	<3.4
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01			<0.01	<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01			<0.01	<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<0.01			<0.01	<0.01
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0						
Total Aliphatics		mg/kg	No GAC	-	2	5930		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
									Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
									Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
									Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
									Sample Depth (mbgl)	0.3	0.5	2	1	3	4
									Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0			<0.9			<0.9	<0.9
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0			<0.5			<0.5	<0.5
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0			<0.6			<0.6	<0.6
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0			<1.4			<1.4	<1.4
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0			<1.4			<1.4	<1.4
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0			<0.01			<0.01	<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0			<0.01			<0.01	<0.01
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0							
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0							
TPH >C10-40		mg/kg	No GAC	-	<10	240		0		210			140		
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0			<0.03			<0.03	<0.03
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0			<0.03			<0.03	<0.03
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0			<0.03			<0.03	<0.03
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0			<0.03			<0.03	<0.03
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0			<0.03			<0.03	<0.03
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0			<0.03			<0.03	<0.03
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0			<0.03			<0.03	<0.03
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1			<0.03			<0.03	<0.03
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0							
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0							
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		27	<0.1		22	<0.1	<0.1
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0			<0.03			<0.03	<0.03
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0			<0.03			<0.03	<0.03
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0			<0.03			<0.03	<0.03
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0			<0.03			<0.03	<0.03
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0			<0.03			<0.03	<0.03
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0			<0.03			<0.03	<0.03
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0			<0.03			<0.03	<0.03
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0			<0.03			<0.03	<0.03
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0							
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0							
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		<0.01	<0.01		<0.01	<0.01	<0.01
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0		<0.04			<0.04		
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0							
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0							
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0							
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
									Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
									Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
									Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
									Sample Depth (mbgl)	0.3	0.5	2	1	3	4
									Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0							
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0							
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0							
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0							
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0							
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0							
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0							
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0							
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0							
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0							
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0							
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0							
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0							
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0							
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0							
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0							
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0							
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0							
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
									Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
									Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
									Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
									Sample Depth (mbgl)	0.3	0.5	2	1	3	4
									Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0							
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0							
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0							
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0							
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0							
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0							
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0							
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0							
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0							
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0							
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0							
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0							
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0							
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0							
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0							
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0							
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0							
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0							
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0							
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0							
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0							
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0							
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0							
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0							
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0							
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0							
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0							
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0							
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0							
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0							
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0							
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0							
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0							
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0							
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0							
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
									Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
									Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
									Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
									Sample Depth (mbgl)	0.3	0.5	2	1	3	4
									Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0							
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0							
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0							
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0							
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0							
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0							
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0							
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0							
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0							
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0							
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0							
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0							
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0							
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0							
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0							
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0							
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0							
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0							
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0							
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0							
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0							
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0							
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0							
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0							
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Propham		mg/kg	No GAC	-	<0.1	<0.1		0							
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0							
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0							
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Pesticides															
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0							
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0							
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
Sample Depth (mbgl)	0.3	0.5	2	1	3	4
Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aliphatics >C10-44			<10		<10	<10
Aro >C5-C7			<0.01		<0.01	<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
									Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
									Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
									Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
									Sample Depth (mbgl)	0.3	0.5	2	1	3	4
									Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
									Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0							
Barium		mg/kg	No GAC	-	34	385		0							
Calcium		mg/kg	No GAC	-	11600	59700		0							
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0							
Cobalt		mg/kg	No GAC	-	5	18		0							
Coronene		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0							
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0							
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0							
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0							
EPH CWG GCxGC ID (for FID		-	No GAC	-				0							
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0							
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0							
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0							
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0							
Iron		mg/kg	No GAC	-	27000	62500		0							
Loss on ignition		%	No GAC	-	0.97	53		0		11			6.4		
Magnesium		mg/kg	No GAC	-	1710	2910		0							
Manganese		mg/kg	No GAC	-	247	750		0							
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0							
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Molybdenum		mg/kg	No GAC	-	<1	7		0							
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0							
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0							
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0		<0.01			<0.01		
Perylene		mg/kg	No GAC	-	<0.1	83		0							
Potassium		mg/kg	No GAC	-	690	1840		0							
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0							
Resorcinol		mg/kg	No GAC	-				0							
SVOC TICs (Tentatively Identified		-	No GAC	-				0							
Silver		mg/kg	No GAC	-	<10	<10		0							
Sulphide		mg/kg	No GAC	-	<5	610		0							
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0							
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0							
Tin		mg/kg	No GAC	-	<5	222		0							
Titanium		mg/kg	No GAC	-	100	470		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0							
Total Aromatics		mg/kg	No GAC	-				0							
Total Aromatics		mg/kg	No GAC	-	5	47100		0							
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0							
Trimethylphenol		mg/kg	No GAC	-				0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-				0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0			<10			<10	<10

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	WS202	WS202	WS202	WS204	WS204	WS206
Easting	384863.207	384863.207	384863.207	384794	384794	384832.42
Northing	399774.214	399774.214	399774.214	399589.43	399589.43	399627.42
Hole Elevation (mOD)	41.57	41.57	41.57	32.84	32.84	32.61
Sample Depth (mbgl)	0.3	0.5	2	1	3	4
Sample Date	16/04/21	16/04/21	28/04/21	31/03/21		31/03/21
Investigation	NW1604	NW1604	NW1604	NW1604	NW1604	NW1604
Geology	MG-G	MG-G	MG-G	MG-G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Aliphatics and Aromatics C10-C44		<10			<10	<10

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Metal								
Antimony	3290	mg/kg	38 of 58	0	<1	131		0
Arsenic	168	mg/kg	57 of 58	1	<1	180		0
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0
Chromium	33000	mg/kg	58 of 58	0	6	57		0
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0
Copper	44400	mg/kg	58 of 58	0	5	7500		0
Lead	1300	mg/kg	58 of 58	4	4	2250		0
Manganese		mg/kg	No GAC	-	350	1400		0
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0
Nickel	804	mg/kg	58 of 58	0	4	50		0
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0
Vanadium	5000	mg/kg	58 of 58	0	5	110		0
Zinc	173000	mg/kg	58 of 58	0	12	1500		0
Inorganic								
pH		pH Units	No GAC	-	6.48	11.7		0
% Moisture at <40C		% w/w	No GAC	-				0
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0
Total Organic Carbon		%	No GAC	-	0.1	48.2		0
Sulphate (acid soluble)		mg/kg	No GAC	-				0
Asbestos								
Asbestos Matrix (microscope)		-	No GAC	-				0
Asbestos Matrix (visual)		-	No GAC	-				0
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0
Asbestos (Presence of)		---	No GAC	-				0
Asbestos Analysts Comments		---	No GAC	-				0
Phenol and mineral oils								
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0
Phenols Total (from SVOC)		mg/kg	No GAC	-				0
Phenols, Total		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Xylenols		mg/kg	No GAC	-				0
TPH								
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0
Total Aliphatics		mg/kg	No GAC	-	2	5930		0

Hole Ref	WS206	WS206	BH301	BH301	BH301C	BH302
Easting	384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
Northing	399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
Hole Elevation (mOD)	32.61	32.61	41.87	41.87	41.83	42.76
Sample Depth (mbgl)	1	2	1	9.2	1.7	12
Sample Date	31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
Investigation	NW1604	NW1604	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
	<1		<5		<5	<5
	6.2		12		9	7
	0.6		1		1.1	1.6
	0.1		<0.5		1.3	1
	12		10		20	37
	<1		<1			<1
	20		59		49	15
	43		113		99	102
	<0.05		0.52		0.37	<0.17
	14		12		24	40
	<0.5		<1		<1	<1
	16		14		26	37
	47		39		68	47
	8		8.5		8.41	9.01
			<0.1	<0.1	<0.1	<0.1
	0.1		<1		<1	<1
			<5		<5	<5
	<0.2		<1		<1	<1
	0.3	0.1	NDP	1.39	1.57	0.73
			Loose Fibres			
			0.006			
	NAD					
	na					
			<0.1			
	<0.3		<0.2		<0.2	<0.2
			2		<1	<1
			23		<1	<1
			22		<1	<1
			20		2	2
			30		<1	<1
			<0.01		<0.01	<0.01
			<0.01		<0.01	<0.01
			<1		<1	<1
			98		2	2

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS206	WS206	BH301	BH301	BH301C	BH302
									Easting	384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
									Northing	399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
									Hole Elevation (mOD)	32.61	32.61	41.87	41.87	41.83	42.76
									Sample Depth (mbgl)	1	2	1	9.2	1.7	12
									Sample Date	31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
									Investigation	NW1604	NW1604	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0				11		<1	<1
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0				47		<1	<1
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0				106		4	1
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0				531		12	4
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0				27		<1	<1
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0				<0.01		<0.01	<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0				5		<1	<1
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0					19		
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0				824		18	7
TPH >C10-40		mg/kg	No GAC	-	<10	240		0			<10				
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		0.11		0.39		0.02	<0.01
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		0.04		**2.66**		<0.04	<0.04
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		1.1		17.9		0.27	<0.08
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		0.1		0.99		0.04	<0.01
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		0.14		14.1		<0.03	<0.03
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		0.95		3.73		0.4	0.06
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		0.95		47.6		0.28	<0.07
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		0.13		1.28		<0.03	<0.03
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0					6.38		
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0				195		1.4	<0.08
Pah,Total		mg/kg	No GAC	-	<0.1	620		0		5.4	<1.6				
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		0.03		6.64		<0.01	<0.01
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		0.18		3.81		0.06	<0.02
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		0.35		11.6		0.09	<0.04
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		0.17		21.3		<0.05	<0.05
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		0.28		**24.7**		0.06	<0.04
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		0.37		15.7		0.07	<0.05
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		0.14		5.2		<0.07	<0.07
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		0.42		17.2		0.11	<0.06
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01	<0.01	<0.01		<0.01	<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0				<0.01		<0.01	<0.01
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0				<0.01		<0.01	<0.01
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0		<0.01	<0.01				
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0			<0.04		<0.01		
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0				<0.007			<0.007
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0				<0.005			<0.005
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0				<0.005			<0.005

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS206	WS206	BH301	BH301	BH301C	BH302
									Easting	384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
									Northing	399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
									Hole Elevation (mOD)	32.61	32.61	41.87	41.87	41.83	42.76
									Sample Depth (mbgl)	1	2	1	9.2	1.7	12
									Sample Date	31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
									Investigation	NW1604	NW1604	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0				<0.007			<0.007
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0				<0.001			
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0				<0.001			
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0				<0.001			
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0				<0.003			
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0				<0.003			
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0				<0.001			
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0				<0.002			
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0				<0.001			
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0				<0.002			
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0				<0.001			
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0				<0.001			
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0				<0.1			
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0				<0.5			
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	WS206	WS206	BH301	BH301	BH301C	BH302
									Easting	384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
									Northing	399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
									Hole Elevation (mOD)	32.61	32.61	41.87	41.87	41.83	42.76
									Sample Depth (mbgl)	1	2	1	9.2	1.7	12
									Sample Date	31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
									Investigation	NW1604	NW1604	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0				<0.005			
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0				<0.01			
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0				<0.001			
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0				<0.1			
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0				<0.001			
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0				<0.001			
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0				<0.01			
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0				<0.1			
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0				<0.5			
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0				<0.1			
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0				<0.003			
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0				<0.005			
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0				<0.1			
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0				<0.1			
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0				<0.1			
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0				<0.001			
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0				<0.01	<0.01	<0.01	
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0				<0.1			
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0				<0.001			
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0				<0.002			
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0				<0.001			
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0				<0.001			
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0				<0.001			
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0				<0.001			
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0				<0.001			
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0				<0.001			
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					WS206	WS206	BH301	BH301	BH301C	BH302
Easting					384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
Northing					399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
Hole Elevation (mOD)					32.61	32.61	41.87	41.87	41.83	42.76
Sample Depth (mbgl)					1	2	1	9.2	1.7	12
Sample Date					31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
Investigation					NW1604	NW1604	326R	326R	326R	326R
Geology					MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
					St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0		
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0		
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0		
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0		
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0		
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0		
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0		
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0		
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0		
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0		
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0		
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0		
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0		
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0		
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0		
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0		
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0		
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0		
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0		
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0		
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0		
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0		
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0		
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0		
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0		
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0		
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0		
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0		
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0		
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0		
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0		
Propham		mg/kg	No GAC	-	<0.1	<0.1		0		
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0		
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0		
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0		
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0		
Pesticides										
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0		
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0		
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0		
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	WS206	WS206	BH301	BH301	BH301C	BH302
Easting	384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
Northing	399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
Hole Elevation (mOD)	32.61	32.61	41.87	41.87	41.83	42.76
Sample Depth (mbgl)	1	2	1	9.2	1.7	12
Sample Date	31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
Investigation	NW1604	NW1604	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
3+4-Methylphenol	<0.1					
Aro >C5-C7	<0.01		<0.01		<0.01	
Asbestos ACM - Suitable for Water	N/A		N/A		N/A	
Asbestos in soil	Chrysotile		NAD		NAD	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0
Barium		mg/kg	No GAC	-	34	385		0
Calcium		mg/kg	No GAC	-	11600	59700		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0
Cobalt		mg/kg	No GAC	-	5	18		0
Coronene		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	27000	62500		0
Loss on ignition		%	No GAC	-	0.97	53		0
Magnesium		mg/kg	No GAC	-	1710	2910		0
Manganese		mg/kg	No GAC	-	247	750		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	7		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0
Perylene		mg/kg	No GAC	-	<0.1	83		0
Potassium		mg/kg	No GAC	-	690	1840		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0
Resorcinol		mg/kg	No GAC	-				0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	610		0
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0
Tin		mg/kg	No GAC	-	<5	222		0
Titanium		mg/kg	No GAC	-	100	470		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0
Total Aromatics		mg/kg	No GAC	-				0
Total Aromatics		mg/kg	No GAC	-	5	47100		0
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0
Trimethylphenol		mg/kg	No GAC	-				0
VOC TICs		-	No GAC	-				0
Xylenols & Ethylphenols		mg/kg	No GAC	-				0
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0

Hole Ref	WS206	WS206	BH301	BH301	BH301C	BH302
Easting	384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
Northing	399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
Hole Elevation (mOD)	32.61	32.61	41.87	41.87	41.83	42.76
Sample Depth (mbgl)	1	2	1	9.2	1.7	12
Sample Date	31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
Investigation	NW1604	NW1604	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Asbestos in soil % composition (hand picking and weighing)			0.006			
Barium						
Calcium						
Chloride (water sol 2:1)						
Cobalt			5		9	13
Coronene						
Cresols						
Cyanazine						
Demeton-S						
Dichlorodifluoromethane			<0.001			
Dry Matter (Dry Solids) at 40C				82.4		
EPH CWG GCxGC ID (for FID						
Electrical conductivity @ 20degC						
Endrin Aldehyde						
Endrin Ketone						
Ethylene glycol (Monoethylene glycol)						
Fensulphothion						
Fluoride (water sol 2:1)						
Fluroxypyr						
Iron						
Loss on ignition	0.97					
Magnesium						
Manganese			289		471	497
Mass Sample (1 stage WAC)				0.212		
Methabenzthiazuron						
Molybdenum						
Monolinuron						
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB Total	<0.01			<0.007		
Perylene			7.52			
Potassium						
Prothiofos (Tokuthion)						
Resorcinol						
SVOC TICs (Tentatively Identified						
Silver						
Sulphide						
Sulphur (elemental)						
Telodrin						
Terbutryn						
Tin						
Titanium						
Total Aliphatics and Aromatics C10-C44						
Total Aromatics						
Total Aromatics			727		15	5
Trichloronate						
Trimethylphenol						
VOC TICs						
Xylenols & Ethylphenols						
Aromatics >C10-44						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref					WS206	WS206	BH301	BH301	BH301C	BH302
Easting					384832.42	384832.42	384852.11	384852.11	384851.03	384826.9
Northing					399627.42	399627.42	399762.18	399762.18	399758.87	399705.6
Hole Elevation (mOD)					32.61	32.61	41.87	41.87	41.83	42.76
Sample Depth (mbgl)					1	2	1	9.2	1.7	12
Sample Date					31/03/21	31/03/21	01/03/22	01/03/22	10/04/22	01/03/22
Investigation					NW1604	NW1604	326R	326R	326R	326R
Geology					MG-G	MG-G	MG-CO	MG-CO	MG-G	MG-CO
					St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0		
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0		
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Ethers Total (from SVOC)		mg/kg	No GAC	-				0		
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0		
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0		
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0		
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0		
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0		
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0		
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0		
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0		
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0		
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
									Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
									Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
									Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
									Sample Depth (mbgl)	2	0.5	1	1	0.5	1
									Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0			14		56		131
Arsenic	168	mg/kg	57 of 58	1	<1	180		0			27		44		47
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0			1.4		1.5		2.4
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0			3.1		2.3		3
Chromium	33000	mg/kg	58 of 58	0	6	57		0			28		23		25
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0			<1		<1		<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0			1170		420		231
Lead	1300	mg/kg	58 of 58	4	4	2250		0			**1800**		283		1150
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0			2.1		<0.17		0.37
Nickel	804	mg/kg	58 of 58	0	4	50		0			49		40		49
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0			<1		<1		2
Vanadium	5000	mg/kg	58 of 58	0	5	110		0			30		29		37
Zinc	173000	mg/kg	58 of 58	0	12	1500		0			659		147		99
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0			7.57		8.23		10.32
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0		<0.1	<0.1	17.8	<0.1	<0.1	<0.1
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0			<1		<1		<1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0			<1		<1		<1
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		2.3	8.48	3.59	7.85	1.6	14.6
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0							
Asbestos Analysts Comments		---	No GAC	-				0							
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0			<0.2		<0.2		<0.2
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0			<10		<1		6
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2			49		<1		13
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0			120		<1		16
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0			2980		8		45
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0			1160		<1		32
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0			<0.01		<0.01		<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0			<0.01		<0.01		<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0			<10		<1		7
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0							
Total Aliphatics		mg/kg	No GAC	-	2	5930		0			4310		8		119

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
									Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
									Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
									Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
									Sample Depth (mbgl)	2	0.5	1	1	0.5	1
									Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0			15		<1		7
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0			74		1		22
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0			214		2		51
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0			292		6		284
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0			271		<1		27
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0			<0.01		<0.01		<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0			<10		<2		7
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0		70		1720		697	
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0			5180		18		516
TPH >C10-40		mg/kg	No GAC	-	<10	240		0							
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0			<0.01		0.02		<0.01
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0			<0.04		0.05		<0.04
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0			0.31		0.47		0.32
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0			<0.01		<0.01		<0.01
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0			0.14		0.3		0.15
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0			0.14		0.17		0.17
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0			0.28		0.46		0.32
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1			<0.03		<0.03		0.05
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0		40.9		2.39		1.21	
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0			1.82		3.46		2.22
Pah,Total		mg/kg	No GAC	-	<0.1	620		0							
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0			0.01		0.04		0.03
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0			0.04		0.05		0.06
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0			0.14		0.27		0.18
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0			0.12		0.28		0.14
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0			0.18		0.37		0.22
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0			0.23		0.52		0.28
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0			0.08		0.18		0.1
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0			0.15		0.28		0.2
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0			<0.01		<0.01		<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0			<0.01		<0.01		<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0			<0.01		<0.01		<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0			<0.01		<0.01		<0.01
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0			<0.01		<0.01		<0.01
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0							
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0		0.02		<0.01		<0.01	
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0			<0.005		**0.023**		<0.005
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0			<0.007		<0.007		<0.007
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0			<0.005		**0.039**		**0.007**
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0			<0.005		**0.031**		<0.005
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005		<0.005		<0.005

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
									Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
									Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
									Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
									Sample Depth (mbgl)	2	0.5	1	1	0.5	1
									Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
										St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0			<0.007		0.093		0.007
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0			<0.001		<0.001		<0.001
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0			<0.001		<0.001		<0.001
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0			<0.001		<0.001		<0.001
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0			<0.003		<0.003		<0.003
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0			<0.003		<0.003		<0.003
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0			<0.001		<0.001		<0.001
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0			<0.002		<0.002		<0.002
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0			<0.001		<0.001		<0.001
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0			<0.002		<0.002		<0.002
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0			<0.001		<0.001		<0.001
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0			<0.001		<0.001		<0.001
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0			4.32		<0.1		0.332
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0			<0.1		<0.1		<0.1
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0			<0.001		<0.001		<0.001
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1		<0.1		<0.1
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0			7.85		<0.5		<0.5
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0			<0.001		<0.001		<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0
Herbicides								
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0

Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
Sample Depth (mbgl)	2	0.5	1	1	0.5	1
Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Bromochloromethane		<0.005	<0.005	<0.005		<0.005
Bromodichloromethane		<0.01	<0.01	<0.01		<0.01
Bromoform		<0.001	<0.001	<0.001		<0.001
Bromomethane		<0.001	<0.001	<0.001		<0.001
Butylbenzyl phthalate		<0.1	<0.1	<0.1		<0.1
Carbazole		1.95	<0.1	1.95		0.159
Carbon Disulphide		<0.001	<0.001	<0.001		<0.001
Carbon Tetrachloride		<0.001	<0.001	<0.001		<0.001
Chlorobenzene		<0.001	<0.001	<0.001		<0.001
Chloroethane		<0.001	<0.001	<0.001		<0.001
Chloroethene		<0.001	<0.001	<0.001		<0.001
Chloroform		<0.001	<0.001	<0.001		<0.001
Chloromethane		<0.01	<0.01	<0.01		<0.01
Di-N-Butyl Phthalate		0.345	<0.1	0.345		<0.1
Di-N-Octyl Phthalate		<0.5	<0.5	<0.5		<0.5
Dibenzofuran		3.24	<0.1	3.24		0.21
Dibromochloromethane		<0.003	<0.003	<0.003		<0.003
Dibromomethane		<0.001	<0.001	<0.001		<0.001
Dichloromethane		<0.005	<0.005	<0.005		<0.005
Diethyl phthalate		<0.1	<0.1	<0.1		<0.1
Dimethyl phthalate		<0.1	<0.1	<0.1		<0.1
Diphenylamine						
Hexachlorobenzene	<0.01	<0.1	<0.1	<0.1		<0.1
Hexachlorobutadiene		<0.001	<0.001	<0.001		<0.001
Hexachlorocyclopentadiene		<0.1	<0.1	<0.1		<0.1
Hexachloroethane		<0.1	<0.1	<0.1		<0.1
Isophorone		<0.1	<0.1	<0.1		<0.1
Isopropylbenzene		<0.001	<0.001	<0.001		<0.001
M-Dinitrobenzene						
MTBE		<0.01	<0.01	<0.01		<0.01
Nitrobenzene		<0.1	<0.1	<0.1		<0.1
O-Dinitrobenzene						
P-Dinitrobenzene						
PCP; (Pentachlorophenol)	<0.1	<0.1	<0.1	<0.1		<0.1
Sec-Butylbenzene		<0.001	<0.001	<0.001		<0.001
Styrene		<0.001	<0.001	<0.001		<0.001
Tert-Butylbenzene		<0.002	<0.002	<0.002		<0.002
Tetrachloroethene		<0.001	0.004	<0.001		<0.001
Trichloroethene		<0.001	<0.001	<0.001		<0.001
Trichlorofluoromethane		<0.001	<0.001	<0.001		<0.001
cis 1,2-Dichloroethene		<0.001	<0.001	<0.001		<0.001
cis 1,3-Dichloropropene		<0.001	<0.001	<0.001		<0.001
cis1,3-Dichloropropene						
n-Butylbenzene		<0.001	<0.001	<0.001		<0.001
n-Nitroso-n-dipropylamine		<0.1	<0.1	<0.1		<0.1
n-Propylbenzene		<0.001	<0.001	<0.001		<0.001
trans 1,2-Dichloroethene		<0.001	<0.001	<0.001		<0.001
trans 1,3-Dichloropropene		<0.001	<0.001	<0.001		<0.001
VOC Total (excl. BTEX)						
Herbicides						
2,3,6-TBA	<0.1					
2,4,5-TP; (Fenoprop); (Silvex)	<0.1					
2,4-D	<0.1					

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
Sample Depth (mbgl)	2	0.5	1	1	0.5	1
Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0	<0.2					
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0	<0.01					
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0	<0.1					
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02					
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02					
Propham		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0	<0.02					
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0	<0.1					
Pesticides														
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0	<0.01					
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0	<0.01					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
Sample Depth (mbgl)	2	0.5	1	1	0.5	1
Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Dichlobenil	<0.01					
Dichlorvos	<0.01					
Dieldrin	<0.01					
Dimethoate	<0.01					
Disulfoton	<0.1					
Endosulphan I (Alpha)	<0.01					
Endosulphan II (Beta)	<0.01					
Endosulphan Sulphate	<0.01					
Endrin	<0.01					
Ethion	<0.01					
Fenitrothion	<0.01					
Fenthion	<0.01					
Heptachlor	<0.01					
Heptachlor epoxide	<0.01					
Isodrin	<0.01					
Malathion	<0.01					
Methyl Parathion	<0.01					
Mevinphos	<0.01					
Parathion (Ethyl Parathion)	<0.01					
Pendimethalin	<0.01					
Permethrin II (trans)	<0.01					
Phorate	<0.01					
Phosalone	<0.01					
Pirimiphos-methyl	<0.01					
Propetamphos	<0.01					
Quintozene (PCNB)	<0.01					
Tecnazene	<0.01					
Triadimefon	<0.01					
Triallate	<0.01					
Triazophos	<0.01					
Trifluralin	<0.01					
alpha-Hexachlorocyclohexane (HCH)	<0.01					
beta-Hexachlorocyclohexane (HCH)	<0.01					
cis-Chlordane (Alpha)	<0.01					
delta-Hexachlorocyclohexane (HCH)	<0.01					
o,p-DDD (2,4)	<0.01					
o,p-DDE (2,4)	<0.01					
o,p-DDT (2,4)	<0.01					
o,p-Methoxychlor	<0.01					
p,p-DDE (4,4)	<0.01					
p,p-DDT (4,4)	<0.01					
trans-Chlordane (Gamma)	<0.01					
2,3,5,6-Tetrachlorophenol						
2,4,5-T	<0.1					
2,4-DP; (Dichlorprop)	<0.1					
3+4-Methylphenol	0.117	<0.1	<0.1			
4-Chlorophenyl Phenyl Ether						
Aliphatics >C10-44						
Aluminium	15900	8160	14500			
Ammoniacal Nitrogen as N						
Aro >C5-C7	<0.01	<0.01	<0.01			
Asbestos ACM - Suitable for Water	N/A	N/A	N/A			
Asbestos in soil	NAD	NAD	NAD			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0
Barium		mg/kg	No GAC	-	34	385		0
Calcium		mg/kg	No GAC	-	11600	59700		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0
Cobalt		mg/kg	No GAC	-	5	18		0
Coronene		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	27000	62500		0
Loss on ignition		%	No GAC	-	0.97	53		0
Magnesium		mg/kg	No GAC	-	1710	2910		0
Manganese		mg/kg	No GAC	-	247	750		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	7		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0
Perylene		mg/kg	No GAC	-	<0.1	83		0
Potassium		mg/kg	No GAC	-	690	1840		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0
Resorcinol		mg/kg	No GAC	-				0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	610		0
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0
Tin		mg/kg	No GAC	-	<5	222		0
Titanium		mg/kg	No GAC	-	100	470		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0
Total Aromatics		mg/kg	No GAC	-				0
Total Aromatics		mg/kg	No GAC	-	5	47100		0
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0
Trimethylphenol		mg/kg	No GAC	-				0
VOC TICs		-	No GAC	-				0
Xylenols & Ethylphenols		mg/kg	No GAC	-				0
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0

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Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
Asbestos in soil % composition (hand picking and weighing)						
Barium						169
Calcium		59700		14900		39900
Chloride (water sol 2:1)						90
Cobalt		10		13		18
Coronene						
Cresols						
Cyanazine	<0.02					
Demeton-S	<0.5					
Dichlorodifluoromethane		<0.001		<0.001		<0.001
Dry Matter (Dry Solids) at 40C	80.9		87.2		92.9	
EPH CWG GCxGC ID (for FID						
Electrical conductivity @ 20degC						
Endrin Aldehyde	<0.01					
Endrin Ketone	<0.01					
Ethylene glycol (Monoethylene glycol)						
Fensulphothion	<0.01					
Fluoride (water sol 2:1)						
Fluroxypyr	<0.1					
Iron		40700		35400		57500
Loss on ignition						15.3
Magnesium		2910		2610		2900
Manganese		486		545		428
Mass Sample (1 stage WAC)	0.216		0.201		0.188	
Methabenzthiazuron	<0.1					
Molybdenum						7
Monolinuron	<0.1					
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB Total	<0.007		<0.007		<0.007	
Perylene		2.65		<0.1		1.96
Potassium		1710		1270		1840
Prothiofos (Tokuthion)	<0.01					
Resorcinol						
SVOC TICs (Tentatively Identified						
Silver		<10		<10		<10
Sulphide						<5
Sulphur (elemental)						<5
Telodrin	<0.01					
Terbutryn	<0.02					
Tin		66		30		222
Titanium		230		100		470
Total Aliphatics and Aromatics C10-C44						
Total Aromatics						
Total Aromatics		866		10		397
Trichloronate	<0.01					
Trimethylphenol						
VOC TICs						
Xylenols & Ethylphenols						
Aromatics >C10-44						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Hole Ref	BH302	BH306	BH306	BH307	BH308	BH308
Easting	384826.9	384520.14	384520.14	384461.01	384473.67	384473.67
Northing	399705.6	399490.63	399490.63	399430.12	399399.76	399399.76
Hole Elevation (mOD)	42.76	31.45	31.45	30.61	30.2	30.2
Sample Depth (mbgl)	2	0.5	1	1	0.5	1
Sample Date	01/03/22	15/03/22	15/03/22	14/03/22	14/03/22	14/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	MG-G	MG-CO	MG-G	MG-G
	St Catherine's Wood	RB Terrace	RB Terrace	RB Terrace	RB Terrace	RB Terrace
	<0.1					
	<0.5					
	<0.1					
	<0.1					
	<0.1					
	<0.1					
	<0.1					
	<0.01					
	<0.1					
	<0.01					
	<0.01					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
									Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
									Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
									Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
									Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
									Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0			<5	<5			18
Arsenic	168	mg/kg	57 of 58	1	<1	180		0			25	2			15
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0			1	<0.5			1.3
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0			1.2	<0.5			1.8
Chromium	33000	mg/kg	58 of 58	0	6	57		0			23	6			24
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0				<1			<1
Copper	44400	mg/kg	58 of 58	0	5	7500		0			71	6			144
Lead	1300	mg/kg	58 of 58	4	4	2250		0			169	9			**2250**
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0			0.57	<0.17			1.12
Nickel	804	mg/kg	58 of 58	0	4	50		0			18	7			34
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0			<1	<1			2
Vanadium	5000	mg/kg	58 of 58	0	5	110		0			18	7			35
Zinc	173000	mg/kg	58 of 58	0	12	1500		0			59	17			111
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0			8.25	7.82			8.26
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0		11.2	<0.1	<0.1	<0.1	<0.1	9.1
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0			<1	1			<1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0							
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0			<1	<1			<1
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		6.33	6.6	0.36		7.01	12
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0							
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0							
Asbestos (Presence of)		---	No GAC	-				0							
Asbestos Analysts Comments		---	No GAC	-				0							
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0			<0.2	<0.2			<0.2
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0			<1	89			<1
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2			1	<1			<1
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0			1	6			3
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0			4	36			120
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0			2	4			10
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0			<0.01	<0.01			<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0			<0.01	<0.01			<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0			<1	143			<1
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0							
Total Aliphatics		mg/kg	No GAC	-	2	5930		0			8	278			134

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
									Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
									Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
									Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
									Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
									Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0			<1	15			<1
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0			5	<1			3
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0			15	<1			21
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0			38	<1			74
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0			2	<1			2
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0			<0.01	<0.01			<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0			1	13			<1
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0		<50				<50	
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0			70	306			234
TPH >C10-40		mg/kg	No GAC	-	<10	240		0							
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0			0.02	0.01			0.26
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0			<0.04	<0.04			<0.04
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0			0.14	<0.08			1.07
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0			0.01	0.01			0.23
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0			<0.03	<0.03			0.15
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0			0.14	0.13			1.41
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0			0.15	<0.07			1.07
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1			<0.03	<0.03			0.08
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0		63.4				12	
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0			0.56	0.15			6.32
Pah,Total		mg/kg	No GAC	-	<0.1	620		0							
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0			<0.01	<0.01			<0.01
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0			<0.02	<0.02			0.41
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0			0.05	<0.04			0.38
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0			<0.05	<0.05			0.14
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0			0.05	<0.04			0.31
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0			<0.05	<0.05			0.26
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0			<0.07	<0.07			0.12
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0			<0.06	<0.06			0.43
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0			<0.01	<0.01	<0.001		<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0			<0.01	<0.01	<0.001		<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0			<0.01	<0.01	<0.001		<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0			<0.01	<0.01	<0.001		<0.01
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0			<0.01	<0.01	<0.001		<0.01
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0							
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0		<0.01				<0.01	
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0							<0.005
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0							<0.007
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0							<0.005
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0							<0.005
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0							<0.005

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
									Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
									Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
									Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
									Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
									Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0							<0.007
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001		<0.001
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0					<0.001		<0.001
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0					<0.001		<0.001
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001		<0.001
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0					<0.001		<0.001
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001		<0.001
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0					<0.003		<0.003
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0					<0.003		<0.003
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0					<0.001		<0.001
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0					<0.002		<0.002
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0					<0.001		<0.001
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0					<0.002		<0.002
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001		<0.001
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0					<0.001		<0.001
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001		<0.001
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0					<0.001		<0.001
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0					<0.1		<0.1
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1		<0.1
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001		<0.001
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		<0.1
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0					<0.5		<0.5
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001		<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0
Herbicides								
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0

Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Bromochloromethane				<0.005		<0.005
Bromodichloromethane				<0.01		<0.01
Bromoform				<0.001		<0.001
Bromomethane				<0.001		<0.001
Butylbenzyl phthalate				<0.1		<0.1
Carbazole				<0.1		<0.1
Carbon Disulphide				<0.001		<0.001
Carbon Tetrachloride				<0.001		<0.001
Chlorobenzene				<0.001		<0.001
Chloroethane				<0.001		<0.001
Chloroethene				<0.001		<0.001
Chloroform				<0.001		<0.001
Chloromethane				<0.01		<0.01
Di-N-Butyl Phthalate				<0.1		<0.1
Di-N-Octyl Phthalate				<0.5		<0.5
Dibenzofuran				<0.1		<0.1
Dibromochloromethane				<0.003		<0.003
Dibromomethane				<0.001		<0.001
Dichloromethane				<0.005		<0.005
Diethyl phthalate				<0.1		<0.1
Dimethyl phthalate				<0.1		<0.1
Diphenylamine						
Hexachlorobenzene				<0.01		<0.1
Hexachlorobutadiene				<0.001		<0.001
Hexachlorocyclopentadiene				<0.1		<0.1
Hexachloroethane				<0.1		<0.1
Isophorone				<0.1		<0.1
Isopropylbenzene				<0.001		<0.001
M-Dinitrobenzene						
MTBE	<0.01	<0.01				<0.01
Nitrobenzene				<0.1		<0.1
O-Dinitrobenzene						
P-Dinitrobenzene						
PCP; (Pentachlorophenol)				<0.1		<0.1
Sec-Butylbenzene				<0.001		<0.001
Styrene				<0.001		<0.001
Tert-Butylbenzene				<0.002		<0.002
Tetrachloroethene				<0.001		<0.001
Trichloroethene				<0.001		<0.001
Trichlorofluoromethane				<0.001		<0.001
cis 1,2-Dichloroethene				<0.001		<0.001
cis 1,3-Dichloropropene				<0.001		<0.001
cis1,3-Dichloropropene						
n-Butylbenzene				<0.001		<0.001
n-Nitroso-n-dipropylamine				<0.1		<0.1
n-Propylbenzene				<0.001		<0.001
trans 1,2-Dichloroethene				<0.001		<0.001
trans 1,3-Dichloropropene				<0.001		<0.001
VOC Total (excl. BTEX)						
Herbicides						
2,3,6-TBA				<0.1		
2,4,5-TP; (Fenoprop); (Silvex)				<0.1		
2,4-D				<0.1		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

									Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
									Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
									Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
									Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
									Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
									Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**		**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**RB Terrace**
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0					<0.2		
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0					<0.01		
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0					<0.1		
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0					<0.02		
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0					<0.02		
Propham		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0					<0.02		
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Pesticides															
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0					<0.01		
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
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Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Dichlobenil				<0.01		
Dichlorvos				<0.01		
Dieldrin				<0.01		
Dimethoate				<0.01		
Disulfoton				<0.1		
Endosulphan I (Alpha)				<0.01		
Endosulphan II (Beta)				<0.01		
Endosulphan Sulphate				<0.01		
Endrin				<0.01		
Ethion				<0.01		
Fenitrothion				<0.01		
Fenthion				<0.01		
Heptachlor				<0.01		
Heptachlor epoxide				<0.01		
Isodrin				<0.01		
Malathion				<0.01		
Methyl Parathion				<0.01		
Mevinphos				<0.01		
Parathion (Ethyl Parathion)				<0.01		
Pendimethalin				<0.01		
Permethrin II (trans)				<0.01		
Phorate				<0.01		
Phosalone				<0.01		
Pirimiphos-methyl				<0.01		
Propetamphos				<0.01		
Quintozene (PCNB)				<0.01		
Tecnazene				<0.01		
Triadimefon				<0.01		
Triallate				<0.01		
Triazophos				<0.01		
Trifluralin				<0.01		
alpha-Hexachlorocyclohexane (HCH)				<0.01		
beta-Hexachlorocyclohexane (HCH)				<0.01		
cis-Chlordane (Alpha)				<0.01		
delta-Hexachlorocyclohexane (HCH)				<0.01		
o,p-DDD (2,4)				<0.01		
o,p-DDE (2,4)				<0.01		
o,p-DDT (2,4)				<0.01		
o,p-Methoxychlor				<0.01		
p,p-DDE (4,4)				<0.01		
p,p-DDT (4,4)				<0.01		
trans-Chlordane (Gamma)				<0.01		
2,3,5,6-Tetrachlorophenol						
2,4,5-T				<0.1		
2,4-DP; (Dichlorprop)				<0.1		
3+4-Methylphenol				<0.1		<0.1
4-Chlorophenyl Phenyl Ether						
Aliphatics >C10-44						
Aluminium						
Ammoniacal Nitrogen as N						
Aro >C5-C7	<0.01	<0.01				<0.01
Asbestos ACM - Suitable for Water	N/A	N/A				N/A
Asbestos in soil	NAD	NAD				NAD

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0
Barium		mg/kg	No GAC	-	34	385		0
Calcium		mg/kg	No GAC	-	11600	59700		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0
Cobalt		mg/kg	No GAC	-	5	18		0
Coronene		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	27000	62500		0
Loss on ignition		%	No GAC	-	0.97	53		0
Magnesium		mg/kg	No GAC	-	1710	2910		0
Manganese		mg/kg	No GAC	-	247	750		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	7		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0
Perylene		mg/kg	No GAC	-	<0.1	83		0
Potassium		mg/kg	No GAC	-	690	1840		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0
Resorcinol		mg/kg	No GAC	-				0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	610		0
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0
Tin		mg/kg	No GAC	-	<5	222		0
Titanium		mg/kg	No GAC	-	100	470		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0
Total Aromatics		mg/kg	No GAC	-				0
Total Aromatics		mg/kg	No GAC	-	5	47100		0
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0
Trimethylphenol		mg/kg	No GAC	-				0
VOC TICs		-	No GAC	-				0
Xylenols & Ethylphenols		mg/kg	No GAC	-				0
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0

Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Asbestos in soil % composition (hand picking and weighing)						
Barium			34			385
Calcium						
Chloride (water sol 2:1)			<10			26
Cobalt						
Coronene						
Cresols						
Cyanazine				<0.02		
Demeton-S				<0.5		
Dichlorodifluoromethane				<0.001		<0.001
Dry Matter (Dry Solids) at 40C	84.2				74.5	
EPH CWG GCxGC ID (for FID						
Electrical conductivity @ 20degC						
Endrin Aldehyde				<0.01		
Endrin Ketone				<0.01		
Ethylene glycol (Monoethylene glycol)						
Fensulphothion				<0.01		
Fluoride (water sol 2:1)						
Fluroxypyr				<0.1		
Iron						
Loss on ignition			1			15.9
Magnesium						
Manganese						
Mass Sample (1 stage WAC)	0.208				0.235	
Methabenzthiazuron				<0.1		
Molybdenum			<1			5
Monolinuron				<0.1		
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB Total	<0.007				<0.007	
Perylene				<0.1		0.138
Potassium						
Prothiofos (Tokuthion)				<0.01		
Resorcinol						
SVOC TICs (Tentatively Identified						
Silver						
Sulphide			<5			530
Sulphur (elemental)			<5			38
Telodrin				<0.01		
Terbutryn				<0.02		
Tin						
Titanium						
Total Aliphatics and Aromatics C10-C44						
Total Aromatics						
Total Aromatics		62	28			100
Trichloronate				<0.01		
Trimethylphenol						
VOC TICs						
Xylenols & Ethylphenols						
Aromatics >C10-44						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH309	BH309	BH310	BH310	BH310	BH314
									Easting	384863.87	384863.87	384838.09	384838.09	384838.09	384439.7
									Northing	399641.32	399641.32	399638.18	399638.18	399638.18	399502.02
									Hole Elevation (mOD)	30.5	30.5	32.6	32.6	32.6	40.5
									Sample Depth (mbgl)	0.5	1	5.2	3.4	2.5	7.5
									Sample Date	29/03/22	29/03/22	04/04/22	04/04/22	04/04/22	09/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-G	ALV-G	MG-CO	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	RB Terrace
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0							
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0					<0.5		
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Ethers Total (from SVOC)		mg/kg	No GAC	-				0							
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0							
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1		
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0							
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0							
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0					<0.01		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
									Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
									Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
									Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Metal															
Antimony	3290	mg/kg	38 of 58	0	<1	131		0		<5				<5	
Arsenic	168	mg/kg	57 of 58	1	<1	180		0		3				<1	
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0		0.5				<0.5	
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0		0.5				<0.5	
Chromium	33000	mg/kg	58 of 58	0	6	57		0		12				9	
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0		<1				<1	
Copper	44400	mg/kg	58 of 58	0	5	7500		0		27				5	
Lead	1300	mg/kg	58 of 58	4	4	2250		0		155				4	
Manganese		mg/kg	No GAC	-	350	1400		0							
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0		<0.17				<0.17	
Nickel	804	mg/kg	58 of 58	0	4	50		0		15				4	
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0		<1				<1	
Vanadium	5000	mg/kg	58 of 58	0	5	110		0		14				5	
Zinc	173000	mg/kg	58 of 58	0	12	1500		0		51				12	
Inorganic															
pH		pH Units	No GAC	-	6.48	11.7		0		8.65				6.8	
% Moisture at <40C		% w/w	No GAC	-				0							
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0		<0.1	<0.1	48.6	2.3	<0.1	<0.1
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0		<1				<1	
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0							
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0							
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0		<5					
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0		<1				<1	
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		3.34	1.15		0.66	0.23	
Sulphate (acid soluble)		mg/kg	No GAC	-				0							
Asbestos															
Asbestos Matrix (microscope)		-	No GAC	-				0		Loose Fibres					
Asbestos Matrix (visual)		-	No GAC	-				0							
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0		<0.001					
Asbestos (Presence of)		---	No GAC	-				0							
Asbestos Analysts Comments		---	No GAC	-				0							
Phenol and mineral oils															
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1				<0.1	
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0		<0.2				<0.2	
Phenols Total (from SVOC)		mg/kg	No GAC	-				0							
Phenols, Total		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Xylenols		mg/kg	No GAC	-				0							
TPH															
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0		<1				5	
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2		1				23	
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0		4				17	
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0		16				2	
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0		9				5	
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0		<0.01				<0.01	
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0		<0.01				<0.01	
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0		<1				1	
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0							
Total Aliphatics		mg/kg	No GAC	-	2	5930		0		29				54	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
									Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
									Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
									Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0		7				24	
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0		15				79	
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0		20				88	
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0		67				94	
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0		7				5	
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0		<0.01				<0.01	
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0		7				5	
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0			17		57		
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0		153				348	
TPH >C10-40		mg/kg	No GAC	-	<10	240		0							
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0		0.02				1.92	
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0		0.13				0.11	
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0		0.56				2.1	
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0		0.04				0.62	
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0		0.77				0.56	
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0		0.42				1.5	
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0		1.57				5.12	
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1		0.29				2.27	
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0			2.47		8.53		
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0		8.28				22.3	
Pah,Total		mg/kg	No GAC	-	<0.1	620		0							
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0		0.18				0.5	
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0		0.16				1	
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0		0.56				1.33	
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0		1.15				0.86	
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0		0.88				1.72	
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0		0.65				1	
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0		0.21				0.33	
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0		0.69				1.35	
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0		<0.01				<0.01	
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0		<0.01				<0.01	
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0		<0.01				<0.01	
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0		<0.01				<0.01	
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0		<0.01				<0.01	
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0							
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0			0.01		<0.01		
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0		<0.005					
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0		<0.007					
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0		<0.005					
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0		<0.005					
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0		<0.005					

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
									Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
									Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
									Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0		<0.007					
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0						<0.001	
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0						<0.001	
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0						<0.001	
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0						<0.003	
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0						<0.003	
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0						<0.001	
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0		<0.002				<0.002	
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0						<0.001	
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0						<0.002	
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0		<0.001				<0.001	
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0						<0.001	
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0		0.179				1.04	
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				0.002	
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0		<0.5				<0.5	
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
									Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
									Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
									Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0		<0.005				<0.005	
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0		<0.01				<0.01	
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001				<0.001	
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1				<0.1	
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0		<0.1				<0.1	
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0		<0.001				<0.001	
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0		<0.001				<0.001	
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0		<0.01				<0.01	
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0		<0.1				<0.1	
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0		<0.5				<0.5	
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0		<0.1				<0.1	
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0		<0.003				<0.003	
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0		<0.005				<0.005	
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0		<0.1				<0.1	
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0							
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0		<0.1	<0.01			<0.1	<0.01
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0		<0.1				<0.1	
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0		<0.001				<0.001	
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0		<0.01				<0.01	
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0		<0.1	<0.1			<0.1	<0.1
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0		<0.001				<0.001	
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0		<0.002				<0.002	
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001				<0.001	
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001				<0.001	
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0							
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0		<0.1				<0.1	
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0		<0.001				<0.001	
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0		<0.001				<0.001	
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0		<0.001				<0.001	
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0							
Herbicides															
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				<0.1
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				<0.1
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0			<0.1				<0.1

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

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									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0				<0.2			<0.2
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0				<0.01			<0.01
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0				<0.5			<0.1
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0				<0.02			<0.02
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0				<0.02			<0.02
Propham		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0				<0.02			<0.02
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Pesticides															
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0				<0.01			<0.01
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0
Aluminium		mg/kg	No GAC	-	7410	15900		0
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0
Asbestos ACM - Suitable for Water		-	No GAC	-				0
Asbestos in soil		-	No GAC	-				0

Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Dichlobenil			<0.01			<0.01
Dichlorvos			<0.01			<0.03
Dieldrin			<0.01			<0.01
Dimethoate			<0.01			<0.01
Disulfoton			<0.1			<0.1
Endosulphan I (Alpha)			<0.01			<0.01
Endosulphan II (Beta)			<0.01			<0.01
Endosulphan Sulphate			<0.01			<0.01
Endrin			<0.01			<0.01
Ethion			<0.01			<0.01
Fenitrothion			<0.01			<0.01
Fenthion			<0.01			<0.01
Heptachlor			<0.01			<0.01
Heptachlor epoxide			<0.01			<0.01
Isodrin			<0.01			<0.01
Malathion			<0.01			<0.01
Methyl Parathion			<0.01			<0.01
Mevinphos			<0.01			<0.01
Parathion (Ethyl Parathion)			<0.01			<0.01
Pendimethalin			<0.01			<0.01
Permethrin II (trans)			<0.01			<0.01
Phorate			<0.01			<0.01
Phosalone			<0.01			<0.01
Pirimiphos-methyl			<0.01			<0.01
Propetamphos			<0.01			<0.01
Quintozene (PCNB)			<0.01			<0.01
Tecnazene			<0.01			<0.01
Triadimefon			<0.01			<0.01
Triallate			<0.01			<0.01
Triazophos			<0.01			<0.01
Trifluralin			<0.01			<0.01
alpha-Hexachlorocyclohexane (HCH)			<0.01			<0.01
beta-Hexachlorocyclohexane (HCH)			<0.01			<0.01
cis-Chlordane (Alpha)			<0.01			<0.01
delta-Hexachlorocyclohexane (HCH)			<0.01			<0.01
o,p-DDD (2,4)			<0.01			<0.01
o,p-DDE (2,4)			<0.01			<0.01
o,p-DDT (2,4)			<0.01			<0.01
o,p-Methoxychlor			<0.01			<0.01
p,p-DDE (4,4)			<0.01			<0.01
p,p-DDT (4,4)			<0.01			<0.01
trans-Chlordane (Gamma)			<0.01			<0.01
2,3,5,6-Tetrachlorophenol						
2,4,5-T			<0.1			<0.1
2,4-DP; (Dichlorprop)			<0.1			<0.1
3+4-Methylphenol	<0.1			<0.1		
4-Chlorophenyl Phenyl Ether						
Aliphatics >C10-44						
Aluminium						
Ammoniacal Nitrogen as N						
Aro >C5-C7	<0.01			<0.01		
Asbestos ACM - Suitable for Water	N/A			N/A		
Asbestos in soil	Chrysotile			NAD		

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
									Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
									Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
									Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0		<0.001					
Barium		mg/kg	No GAC	-	34	385		0		103					
Calcium		mg/kg	No GAC	-	11600	59700		0							
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0		<10					
Cobalt		mg/kg	No GAC	-	5	18		0		6					
Coronene		mg/kg	No GAC	-				0							
Cresols		mg/kg	No GAC	-				0							
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0				<0.02			<0.02
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0				<0.5			<0.5
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0		<0.001				<0.001	
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0			81.5		86		
EPH CWG GCxGC ID (for FID		-	No GAC	-				0							
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0							
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0							
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0							
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Iron		mg/kg	No GAC	-	27000	62500		0							
Loss on ignition		%	No GAC	-	0.97	53		0		ndp					
Magnesium		mg/kg	No GAC	-	1710	2910		0							
Manganese		mg/kg	No GAC	-	247	750		0		295					
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0			0.215		0.203		
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Molybdenum		mg/kg	No GAC	-	<1	7		0		<1					
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0							
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0			<0.007		<0.007		
Perylene		mg/kg	No GAC	-	<0.1	83		0		0.494				0.512	
Potassium		mg/kg	No GAC	-	690	1840		0							
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0				<0.01			<0.02
Resorcinol		mg/kg	No GAC	-				0							
SVOC TICs (Tentatively Identified		-	No GAC	-				0							
Silver		mg/kg	No GAC	-	<10	<10		0							
Sulphide		mg/kg	No GAC	-	<5	610		0		610					
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0		<5					
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0				<0.02			<0.02
Tin		mg/kg	No GAC	-	<5	222		0							
Titanium		mg/kg	No GAC	-	100	470		0							
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0							
Total Aromatics		mg/kg	No GAC	-				0							
Total Aromatics		mg/kg	No GAC	-	5	47100		0		124				295	
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Trimethylphenol		mg/kg	No GAC	-				0							
VOC TICs		-	No GAC	-				0							
Xylenols & Ethylphenols		mg/kg	No GAC	-				0							
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0							

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH315	BH315	BH320	BH320	BH320	BH322
									Easting	384852.04	384852.04	384889.76	384889.76	384889.76	384715.2
									Northing	399729.3	399729.3	399761.36	399761.36	399761.36	399587.28
									Hole Elevation (mOD)	39.26	39.26	34.26	34.26	34.26	32.49
									Sample Depth (mbgl)	0.5	1.2	0.5	4.35	6	0.5
									Sample Date	03/03/22		10/03/22	15/03/22	15/03/22	21/03/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-CO	MG-CO	MG-G	MG-G	MG-G	MG-G
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0							
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0				<0.5			<0.5
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Ethers Total (from SVOC)		mg/kg	No GAC	-				0							
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0							
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0				<0.1			<0.1
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0							
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0							
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0							
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0				<0.01			<0.01

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Metal								
Antimony	3290	mg/kg	38 of 58	0	<1	131		0
Arsenic	168	mg/kg	57 of 58	1	<1	180		0
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0
Chromium	33000	mg/kg	58 of 58	0	6	57		0
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0
Copper	44400	mg/kg	58 of 58	0	5	7500		0
Lead	1300	mg/kg	58 of 58	4	4	2250		0
Manganese		mg/kg	No GAC	-	350	1400		0
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0
Nickel	804	mg/kg	58 of 58	0	4	50		0
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0
Vanadium	5000	mg/kg	58 of 58	0	5	110		0
Zinc	173000	mg/kg	58 of 58	0	12	1500		0
Inorganic								
pH		pH Units	No GAC	-	6.48	11.7		0
% Moisture at <40C		% w/w	No GAC	-				0
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0
Total Organic Carbon		%	No GAC	-	0.1	48.2		0
Sulphate (acid soluble)		mg/kg	No GAC	-				0
Asbestos								
Asbestos Matrix (microscope)		-	No GAC	-				0
Asbestos Matrix (visual)		-	No GAC	-				0
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0
Asbestos (Presence of)		---	No GAC	-				0
Asbestos Analysts Comments		---	No GAC	-				0
Phenol and mineral oils								
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0
Phenols Total (from SVOC)		mg/kg	No GAC	-				0
Phenols, Total		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Xylenols		mg/kg	No GAC	-				0
TPH								
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0
Total Aliphatics		mg/kg	No GAC	-	2	5930		0

Hole Ref	BH322	BH323	BH323	TT301	TT301	TT303
Easting	384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
Northing	399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
Hole Elevation (mOD)	32.49	30.21	30.21	42.6	42.6	41.47
Sample Depth (mbgl)	1	0.3	0.5	1.2	2.45	0.35
Sample Date	21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Metal						
Antimony			<5		5	10
Arsenic			12		29	24
Beryllium			0.7		1.7	0.7
Cadmium			3		1.5	1.7
Chromium			29		15	40
Chromium (hexavalent)			<1		<1	<1
Copper			148		150	87
Lead			162		464	46
Manganese						
Mercury			0.51		<0.17	<0.17
Nickel			26		33	35
Selenium			<1		<1	<1
Vanadium			16		39	40
Zinc			338		262	76
Inorganic						
pH			8.1		8.56	6.48
% Moisture at <40C						
% Stones >10mm	<0.1	<0.1	<0.1	53.1	<0.1	20.4
Cyanide			2		<1	4
Complex Cyanide			2			4
Cyanide (free)			<1			
Thiocyanate			<5		<5	<5
Boron			<1		<1	<1
Total Organic Carbon	13.7	4.75	NDP	3.1	1.34	48.2
Sulphate (acid soluble)						
Asbestos						
Asbestos Matrix (microscope)			Loose Insulation			
Asbestos Matrix (visual)						
Asbestos Quantification (Total %)			0.004			
Asbestos (Presence of)						
Asbestos Analysts Comments						
Phenol and mineral oils						
Phenol					<0.1	<0.1
Phenol (Monohydric)			<0.2		<0.2	0.2
Phenols Total (from SVOC)						
Phenols, Total						
Cresols						
Xylenols						
TPH						
Ali >C10-C12			1		35	<200
Ali >C12-C16			6		618	1080
Ali >C16-C21			7		533	945
Ali >C21-C35			27		291	2710
Ali >C35-C44			30		<5	1210
Ali >C5-C6			<0.01		<0.01	<0.1
Ali >C6-C8			<0.01		<0.01	<0.1
Ali >C8-C10			<1		<5	<200
Aliphatics >C5-35						
Total Aliphatics			71		1480	5930

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH322	BH323	BH323	TT301	TT301	TT303
									Easting	384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
									Northing	399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
									Hole Elevation (mOD)	32.49	30.21	30.21	42.6	42.6	41.47
									Sample Depth (mbgl)	1	0.3	0.5	1.2	2.45	0.35
									Sample Date	21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0				13		13	1280
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0				91		397	5680
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0				349		363	**10900**
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0				857		74	**27800**
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0				29		<5	1110
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0				<0.01		<0.01	0.32
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0				<1		<5	395
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0		68	43		33		
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0							
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0				1420		2320	53000
TPH >C10-40		mg/kg	No GAC	-	<10	240		0							
PAH															
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0				19.9		0.09	94.1
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0				**3.56**		<0.04	**19.2**
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0				81.8		0.2	272
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0				21.9		<0.01	248
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0				13.1		0.1	65.4
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0				127		0.1	1080
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0				79.8		0.61	437
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1				27		<0.03	822
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0		48	53.3		15.4		
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0				558		2.09	4270
Pah,Total		mg/kg	No GAC	-	<0.1	620		0							
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0				1.48		<0.03	110
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0				31.4		0.11	155
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0				37		0.16	**205**
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0				11.6		0.14	74.6
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0				**22.8**		0.13	**123**
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0				**24.2**		0.19	**111**
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0				10.5		<0.07	48.8
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0				45.4		0.26	**409**
BTEX															
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0				<0.01		<0.01	0.14
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0				<0.01		<0.01	0.32
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0				<0.01		<0.01	0.11
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0				<0.01		<0.01	0.82
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0				<0.01		<0.01	2.13
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0							
BTEX and MTBE Total		mg/kg	No GAC	-				0							
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0		<0.01	<0.01		<0.01		
PCBs															
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0						<0.007	<0.07
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0						<0.005	<0.05
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0						<0.005	<0.05

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	BH322	BH323	BH323	TT301	TT301	TT303
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									Sample Depth (mbgl)	1	0.3	0.5	1.2	2.45	0.35
									Sample Date	21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0						<0.007	<0.07
VOCs/SVOCs															
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	<0.001
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0						<0.001	<0.001
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0						<0.001	0.036
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	<0.001
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0						<0.001	<0.001
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	<0.001
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	<0.001
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0						<0.003	<0.003
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	0.006
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0						<0.003	0.003
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0						<0.001	0.533
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0						<0.002	0.007
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	<0.001
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0						<0.001	<0.001
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0						<0.002	<0.002
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	<0.001
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0						<0.001	0.222
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	<0.001
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	<0.001
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0						<0.001	<0.001
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	<0.001
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0							
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	0.03
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0						<0.1	23.8
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0						<0.1	<0.1
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	<0.001
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0						<0.001	0.003
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0							
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0							
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0							
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0							
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0						<0.1	<0.1
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0						<0.5	<0.5
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0						<0.001	<0.001

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation						
Hole Ref									BH322	BH323	BH323	TT301	TT301	TT303
Easting									384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
Northing									399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
Hole Elevation (mOD)									32.49	30.21	30.21	42.6	42.6	41.47
Sample Depth (mbgl)									1	0.3	0.5	1.2	2.45	0.35
Sample Date									21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
Investigation									326R	326R	326R	326R	326R	326R
Geology									MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
									St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0					<0.005	<0.005
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0					<0.01	<0.01
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0					<0.001	<0.001
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0					<0.1	<0.1
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0					<0.001	0.001
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0					<0.001	<0.001
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0					<0.01	<0.01
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0					<0.1	<0.1
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0					<0.5	<0.5
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0					<0.1	<0.1
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0					<0.003	<0.003
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001	<0.001
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0					<0.005	<0.005
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0					<0.1	<0.1
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0						
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0					<0.1	<0.1
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0					<0.1	<0.1
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0					<0.001	0.005
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0		<0.01			<0.01	<0.1
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0						
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0					<0.1	<0.1
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001	0.02
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0					<0.001	0.125
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0					<0.002	<0.002
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0					<0.001	<0.001
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0					<0.001	<0.001
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0						
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001	0.023
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0					<0.1	<0.1
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0					<0.001	0.006
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0					<0.001	<0.001
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0					<0.001	<0.001
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0						
Herbicides														
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0						
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0						
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	BH322	BH323	BH323	TT301	TT301	TT303
Easting	384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
Northing	399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
Hole Elevation (mOD)	32.49	30.21	30.21	42.6	42.6	41.47
Sample Depth (mbgl)	1	0.3	0.5	1.2	2.45	0.35
Sample Date	21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

									Hole Ref	BH322	BH323	BH323	TT301	TT301	TT303
									Easting	384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
									Northing	399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
									Hole Elevation (mOD)	32.49	30.21	30.21	42.6	42.6	41.47
									Sample Depth (mbgl)	1	0.3	0.5	1.2	2.45	0.35
									Sample Date	21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
									Investigation	326R	326R	326R	326R	326R	326R
									Geology	MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
Contaminant Name	**GAC**	**Units**	**Total > LOD**	**Total > GAC**	**Min**	**Max**	**Saturation Value**	**Total > Saturation**		**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**	**St Catherine's Wood**
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0							
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0							
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0							
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0							
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0							
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0							
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0							
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0							
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0							
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0							
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0							
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0							
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0							
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0							
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0							
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0							
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0							
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0							
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0							
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0							
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0							
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0							
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0							
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0							
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0							
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0							
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0							
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0							
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0							
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0							
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0							
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0							
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0						<0.1	<0.1
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0							
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0							
Aluminium		mg/kg	No GAC	-	7410	15900		0							
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0							
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0				<0.01		<0.01	0.14
Asbestos ACM - Suitable for Water		-	No GAC	-				0				N/A		N/A	N/A
Asbestos in soil		-	No GAC	-				0				Chrysotile		NAD	NAD

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0
Barium		mg/kg	No GAC	-	34	385		0
Calcium		mg/kg	No GAC	-	11600	59700		0
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0
Cobalt		mg/kg	No GAC	-	5	18		0
Coronene		mg/kg	No GAC	-				0
Cresols		mg/kg	No GAC	-				0
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0
EPH CWG GCxGC ID (for FID		-	No GAC	-				0
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0
Iron		mg/kg	No GAC	-	27000	62500		0
Loss on ignition		%	No GAC	-	0.97	53		0
Magnesium		mg/kg	No GAC	-	1710	2910		0
Manganese		mg/kg	No GAC	-	247	750		0
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0
Molybdenum		mg/kg	No GAC	-	<1	7		0
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0
Perylene		mg/kg	No GAC	-	<0.1	83		0
Potassium		mg/kg	No GAC	-	690	1840		0
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0
Resorcinol		mg/kg	No GAC	-				0
SVOC TICs (Tentatively Identified		-	No GAC	-				0
Silver		mg/kg	No GAC	-	<10	<10		0
Sulphide		mg/kg	No GAC	-	<5	610		0
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0
Tin		mg/kg	No GAC	-	<5	222		0
Titanium		mg/kg	No GAC	-	100	470		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0
Total Aromatics		mg/kg	No GAC	-				0
Total Aromatics		mg/kg	No GAC	-	5	47100		0
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0
Trimethylphenol		mg/kg	No GAC	-				0
VOC TICs		-	No GAC	-				0
Xylenols & Ethylphenols		mg/kg	No GAC	-				0
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0

Hole Ref	BH322	BH323	BH323	TT301	TT301	TT303
Easting	384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
Northing	399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
Hole Elevation (mOD)	32.49	30.21	30.21	42.6	42.6	41.47
Sample Depth (mbgl)	1	0.3	0.5	1.2	2.45	0.35
Sample Date	21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
Investigation	326R	326R	326R	326R	326R	326R
Geology	MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood
Asbestos in soil % composition (hand picking and weighing)			0.004			
Barium						88
Calcium						
Chloride (water sol 2:1)						<10
Cobalt					10	11
Coronene						
Cresols						
Cyanazine						
Demeton-S						
Dichlorodifluoromethane					<0.001	<0.001
Dry Matter (Dry Solids) at 40C	99.8	82.6		93		
EPH CWG GCxGC ID (for FID						
Electrical conductivity @ 20degC						
Endrin Aldehyde						
Endrin Ketone						
Ethylene glycol (Monoethylene glycol)						
Fensulphothion						
Fluoride (water sol 2:1)						
Fluroxypyr						
Iron						
Loss on ignition						53
Magnesium						
Manganese					247	582
Mass Sample (1 stage WAC)	0.175	0.212		0.188		
Methabenzthiazuron						
Molybdenum						3
Monolinuron						
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)						
PCB Total	<0.007	<0.007		<0.007		
Perylene					<0.1	83
Potassium						
Prothiofos (Tokuthion)						
Resorcinol						
SVOC TICs (Tentatively Identified						
Silver						
Sulphide						<5
Sulphur (elemental)						<5
Telodrin						
Terbutryn						
Tin						
Titanium						
Total Aliphatics and Aromatics C10-C44						
Total Aromatics						
Total Aromatics			1340		847	47100
Trichloronate						
Trimethylphenol						
VOC TICs						
Xylenols & Ethylphenols						
Aromatics >C10-44						

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Hole Ref								
Easting								
Northing								
Hole Elevation (mOD)								
Sample Depth (mbgl)								
Sample Date								
Investigation								
Geology								
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

BH322	BH323	BH323	TT301	TT301	TT303
384715.2	384658.4	384658.4	384842.09	384842.09	384850.08
399587.28	399576.88	399576.88	399747.44	399747.44	399751.87
32.49	30.21	30.21	42.6	42.6	41.47
1	0.3	0.5	1.2	2.45	0.35
21/03/22	22/03/22	22/03/22	21/02/22	21/02/22	17/02/22
326R	326R	326R	326R	326R	326R
MG-G	MG-CO	MG-G	MG-G	MG-G	MG-CO
St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	St Catherine's Wood

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TT303A	TP307
									Easting	384854.13	384457.26
									Northing	399757.01	399506.74
									Hole Elevation (mOD)	41.48	44
									Sample Depth (mbgl)	0.6	2
									Sample Date	17/02/22	23/02/22
									Investigation	326R	326R
									Geology	MG-G	MG-G
										St Catherine's Wood	RB Terrace
Metal											
Antimony	3290	mg/kg	38 of 58	0	<1	131		0			<5
Arsenic	168	mg/kg	57 of 58	1	<1	180		0			9
Beryllium	63	mg/kg	53 of 58	0	<0.2	2.6		0			1.1
Cadmium	532	mg/kg	48 of 58	0	<0.1	3.1		0			0.9
Chromium	33000	mg/kg	58 of 58	0	6	57		0			22
Chromium (hexavalent)	220	mg/kg	0 of 48	0	<1	<1		0			
Copper	44400	mg/kg	58 of 58	0	5	7500		0			30
Lead	1300	mg/kg	58 of 58	4	4	2250		0			31
Manganese		mg/kg	No GAC	-	350	1400		0			
Mercury	240	mg/kg	38 of 58	0	<0.05	24		0			<0.17
Nickel	804	mg/kg	58 of 58	0	4	50		0			28
Selenium	1850	mg/kg	8 of 58	0	<0.5	3.1		0			<1
Vanadium	5000	mg/kg	58 of 58	0	5	110		0			24
Zinc	173000	mg/kg	58 of 58	0	12	1500		0			89
Inorganic											
pH		pH Units	No GAC	-	6.48	11.7		0			7.9
% Moisture at <40C		% w/w	No GAC	-				0			
% Stones >10mm		% w/w	No GAC	-	<0.1	53.1		0		26.3	3.9
Cyanide	24	mg/kg	31 of 58	0	<0.1	8.1		0			<1
Complex Cyanide		mg/kg	No GAC	-	<0.2	4		0			
Cyanide (free)	24	mg/kg	2 of 8	0	<0.1	<1		0			
Thiocyanate		mg/kg	No GAC	-	<0.6	<5		0			
Boron	46200	mg/kg	40 of 58	0	<0.2	2.3		0			<1
Total Organic Carbon		%	No GAC	-	0.1	48.2		0		17.4	21.3
Sulphate (acid soluble)		mg/kg	No GAC	-				0			
Asbestos											
Asbestos Matrix (microscope)		-	No GAC	-				0			
Asbestos Matrix (visual)		-	No GAC	-				0			
Asbestos Quantification (Total %)		%	No GAC	-	<0.001	0.006		0			
Asbestos (Presence of)		---	No GAC	-				0			
Asbestos Analysts Comments		---	No GAC	-				0			
Phenol and mineral oils											
Phenol	1300	mg/kg	0 of 16	0	<0.1	<0.1		0			
Phenol (Monohydric)	1300	mg/kg	8 of 58	0	<0.2	12		0			<0.2
Phenols Total (from SVOC)		mg/kg	No GAC	-				0			
Phenols, Total		mg/kg	No GAC	-				0			
Cresols		mg/kg	No GAC	-				0			
Xylenols		mg/kg	No GAC	-				0			
TPH											
Ali >C10-C12	24300	mg/kg	9 of 48	0	<1	<200	283.0	0			1
Ali >C12-C16	25700	mg/kg	14 of 48	0	<1	1080	142.0	2			2
Ali >C16-C21	494000	mg/kg	16 of 48	0	<1	945		0			5
Ali >C21-C35	494000	mg/kg	20 of 48	0	2	2980		0			39
Ali >C35-C44	49400	mg/kg	11 of 28	0	<1	1210		0			12
Ali >C5-C6	181000	mg/kg	0 of 48	0	<0.01	<0.1	1150.0	0			<0.01
Ali >C6-C8	316000	mg/kg	0 of 48	0	<0.01	<0.1	736.0	0			<0.01
Ali >C8-C10	21400	mg/kg	5 of 48	0	<0.01	<200	451.0	0			2
Aliphatics >C5-35		mg/kg	No GAC	-	<10	220		0			
Total Aliphatics		mg/kg	No GAC	-	2	5930		0			62

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TT303A	TP307
									Easting	384854.13	384457.26
									Northing	399757.01	399506.74
									Hole Elevation (mOD)	41.48	44
									Sample Depth (mbgl)	0.6	2
									Sample Date	17/02/22	23/02/22
									Investigation	326R	326R
									Geology	MG-G	MG-G
										St Catherine's Wood	RB Terrace
Aro >C10-C12	10000	mg/kg	17 of 48	0	<0.9	1280		0			2
Aro >C12-C16	10400	mg/kg	22 of 48	0	<0.5	5680		0			13
Aro >C16-C21	7770	mg/kg	25 of 48	1	<0.6	10900		0			39
Aro >C21-C35	7850	mg/kg	25 of 48	1	<1	27800		0			63
Aro >C35-C44	7850	mg/kg	11 of 28	0	<1	1110		0			5
Aro >C7-C8	101000	mg/kg	1 of 48	0	<0.01	0.32	4360.0	0			<0.01
Aro >C8-C10	9290	mg/kg	9 of 48	0	<0.01	395	3580.0	0			4
Mineral Oil (>C10-C40)		mg/kg	No GAC	-	17	1720		0		1030	
TPH (Ali & Aro >C5-C35)		mg/kg	No GAC	-				0			
TPH (Ali & Aro >C5-C44)		mg/kg	No GAC	-	7	53000		0			189
TPH >C10-40		mg/kg	No GAC	-	<10	240		0			
PAH											
Acenaphthene	29900	mg/kg	28 of 50	0	<0.01	94.1		0			0.18
Dibenz-a-h-anthracene	1.36	mg/kg	20 of 50	4	<0.03	19.2		0			0.11
Fluoranthene	6350	mg/kg	37 of 50	0	<0.03	272		0			5.43
Fluorene	20100	mg/kg	24 of 50	0	<0.01	248		0			0.12
Indeno(1,2,3-cd)pyrene	183	mg/kg	33 of 50	0	<0.03	65.4		0			0.48
Phenanthrene	6270	mg/kg	38 of 50	0	<0.03	1080		0			2.41
Pyrene	15200	mg/kg	37 of 50	0	<0.03	437		0			5.48
Naphthalene	2950	mg/kg	23 of 51	0	<0.01	822	432.0	1			0.06
PAH (total 17)		mg/kg	No GAC	-	1.21	519		0		519	
Total PAH-16MS		mg/kg	No GAC	-	<0.08	4270		0			23.2
Pah,Total		mg/kg	No GAC	-	<0.1	620		0			
Acenaphthylene	29900	mg/kg	17 of 50	0	<0.01	110		0			0.01
Anthracene	152000	mg/kg	31 of 50	0	<0.02	155		0			0.6
Benzo(a)anthracene	62.5	mg/kg	36 of 50	1	<0.03	205		0			1.94
Benzo (g,h,i) perylene	1570	mg/kg	33 of 50	0	<0.03	74.6		0			0.43
Benzo(a)pyrene	13.2	mg/kg	35 of 50	4	<0.03	123		0			1.28
Benzo(b)fluoranthene	16.3	mg/kg	34 of 50	3	<0.03	111		0			1.61
Benzo(k)fluoranthene	442	mg/kg	31 of 50	0	<0.03	48.8		0			0.61
Chrysene	121	mg/kg	35 of 50	1	<0.03	409		0			2.45
BTEX											
BTEX - Benzene	113	mg/kg	3 of 58	0	<0.001	0.14		0			<0.01
BTEX - Toluene	101000	mg/kg	1 of 58	0	<0.001	0.32	4360.0	0			<0.01
BTEX - Ethyl Benzene	27100	mg/kg	3 of 58	0	<0.001	0.22	2840.0	0			<0.01
BTEX - m & p Xylene	31500	mg/kg	1 of 23	0	<0.001	0.82	3170.0	0			<0.01
BTEX - o Xylene	32600	mg/kg	1 of 23	0	<0.001	2.13	2620.0	0			<0.01
Xylene	31500	mg/kg	1 of 39	0	<0.01	0.57	3170.0	0			
BTEX and MTBE Total		mg/kg	No GAC	-				0			
BTEX (total)		mg/kg	No GAC	-	<0.01	<0.04		0		<0.01	
PCBs											
PCB BZ 105	0.000074	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 114	0.000004	mg/kg	1 of 10	1	<0.005	<0.05		0			<0.005
PCB BZ 118	0.000171	mg/kg	0 of 10	0	<0.007	<0.07		0			<0.007
PCB BZ 123	0.000006	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 126	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 156	0.000032	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 157	0.000008	mg/kg	2 of 10	2	<0.005	<0.05		0			<0.005
PCB BZ 167	0.000013	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 169	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 189	0.000005	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005
PCB BZ 77	0.000016	mg/kg	1 of 10	1	<0.005	<0.05		0			<0.005
PCB BZ 81	0.000001	mg/kg	0 of 10	0	<0.005	<0.05		0			<0.005

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TT303A	TP307
									Easting	384854.13	384457.26
									Northing	399757.01	399506.74
									Hole Elevation (mOD)	41.48	44
									Sample Depth (mbgl)	0.6	2
									Sample Date	17/02/22	23/02/22
									Investigation	326R	326R
									Geology	MG-G	MG-G
										St Catherine's Wood	RB Terrace
Total Speciated PCB-WHO12		mg/kg	No GAC	-	<0.007	0.093		0			<0.007
VOCs/SVOCs											
1,1,1,2-Tetrachloroethane	2070	mg/kg	0 of 17	0	<0.001	<0.1		0			
1,1,1-Trichloroethane	101000	mg/kg	0 of 17	0	<0.001	<0.1	6390.0	0			
1,1,2,2-Tetrachloroethane	2290	mg/kg	1 of 10	0	<0.001	0.036		0			
1,1,2-Trichloroethane	1480	mg/kg	0 of 17	0	<0.001	<0.1		0			
1,1-Dichloroethane	31200	mg/kg	0 of 17	0	<0.001	<0.1	5600.0	0			
1,1-Dichloroethene	5860	mg/kg	0 of 17	0	<0.001	<0.1		0			
1,1-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0			
1,2,3 Trichlorobenzene	1570	mg/kg	0 of 17	0	<0.003	<0.1		0			
1,2,3-Trichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			
1,2,4-Trichlorobenzene	3980	mg/kg	1 of 17	0	<0.003	<0.1	1880.0	0			
1,2,4-Trimethylbenzene	408	mg/kg	1 of 17	0	<0.001	0.533		0			
1,2-Dibromo-3-Chloropropane		mg/kg	No GAC	-	<0.002	<0.1		0			
1,2-Dibromoethane		mg/kg	No GAC	-	<0.001	<0.1		0			
1,2-Dichlorobenzene	50500	mg/kg	0 of 17	0	<0.001	<0.1	3240.0	0			
1,2-Dichloroethane	27.8	mg/kg	0 of 17	0	<0.002	<0.1		0			
1,2-Dichloropropane	292	mg/kg	0 of 17	0	<0.001	<0.1		0			
1,3,5-Trimethylbenzene		mg/kg	No GAC	-	<0.001	0.222		0			
1,3-Dichlorobenzene	392	mg/kg	0 of 17	0	<0.001	<0.1		0			
1,3-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			
1,4-Dichlorobenzene	36000	mg/kg	0 of 17	0	<0.001	<0.1	1280.0	0			
2,2-Dichloropropane		mg/kg	No GAC	-	<0.001	<0.1		0			
2,3,4,6-Tetrachlorophenol	1050	mg/kg	0 of 6	0	<0.1	<0.1		0			
2,4,5-Trichlorophenol	1100	mg/kg	0 of 16	0	<0.1	<0.1		0			
2,4,6-Trichlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0			
2,4-Dichlorophenol	1040	mg/kg	0 of 16	0	<0.1	<0.1		0			
2,4-Dimethylphenol	9880	mg/kg	0 of 16	0	<0.1	<0.1		0			
2,4-Dinitrotoluene	990	mg/kg	0 of 16	0	<0.1	<0.1		0			
2,6-Dinitrotoluene	498	mg/kg	0 of 16	0	<0.1	<0.1		0			
2-Chloronaphthalene	2750	mg/kg	0 of 16	0	<0.1	<0.1		0			
2-Chlorophenol	1060	mg/kg	0 of 16	0	<0.1	<0.1		0			
2-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			
2-Methyl-4,6-Dinitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			
2-Methylnaphthalene		mg/kg	No GAC	-	<0.1	23.8		0			
2-Methylphenol	49400	mg/kg	0 of 16	0	<0.1	<0.1		0			
2-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0			
2-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			
3-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0			
4-Bromophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0			
4-Chloro-3-Methylphenol		mg/kg	No GAC	-	<0.1	<0.1		0			
4-Chlorotoluene		mg/kg	No GAC	-	<0.001	<0.1		0			
4-Isopropyltoluene		mg/kg	No GAC	-	<0.001	<0.1		0			
4-Nitroaniline		mg/kg	No GAC	-	<0.1	<0.1		0			
4-Nitrophenol		mg/kg	No GAC	-	<0.1	<0.1		0			
Aniline		mg/kg	No GAC	-	<0.1	<0.1		0			
Azobenzene		mg/kg	No GAC	-	<0.1	<0.1		0			
Benzyl Alcohol		mg/kg	No GAC	-	<0.1	<0.1		0			
Bis(2-chloroethoxy)methane		mg/kg	No GAC	-	<0.1	<0.1		0			
Bis(2-chloroethyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0			
Bis(2-chloroisopropyl)ether		mg/kg	No GAC	-	<0.1	<0.1		0			
Bis(2-ethylhexyl)phthalate	16800	mg/kg	1 of 16	0	<0.1	7.85		0			
Bromobenzene	3460	mg/kg	0 of 17	0	<0.001	<0.1		0			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TT303A	TP307
Easting	384854.13	384457.26
Northing	399757.01	399506.74
Hole Elevation (mOD)	41.48	44
Sample Depth (mbgl)	0.6	2
Sample Date	17/02/22	23/02/22
Investigation	326R	326R
Geology	MG-G	MG-G
	St Catherine's Wood	RB Terrace

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Bromochloromethane		mg/kg	No GAC	-	<0.005	<0.1		0
Bromodichloromethane	80.9	mg/kg	0 of 17	0	<0.01	<0.1		0
Bromoform	5220	mg/kg	0 of 17	0	<0.001	<0.1		0
Bromomethane		mg/kg	No GAC	-	<0.001	<0.001		0
Butylbenzyl phthalate	259000	mg/kg	0 of 16	0	<0.1	<0.1		0
Carbazole		mg/kg	No GAC	-	<0.1	1.95		0
Carbon Disulphide	2700	mg/kg	1 of 10	0	<0.001	<0.001		0
Carbon Tetrachloride	396	mg/kg	0 of 17	0	<0.001	<0.1		0
Chlorobenzene	2900	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroethane	217000	mg/kg	0 of 10	0	<0.001	<0.001	5710.0	0
Chloroethene	5.36	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloroform	3090	mg/kg	0 of 17	0	<0.001	<0.1		0
Chloromethane	173	mg/kg	0 of 10	0	<0.01	<0.01		0
Di-N-Butyl Phthalate	2630	mg/kg	1 of 16	0	<0.1	0.345		0
Di-N-Octyl Phthalate	20000	mg/kg	0 of 16	0	<0.1	<0.5		0
Dibenzofuran		mg/kg	No GAC	-	<0.1	3.24		0
Dibromochloromethane		mg/kg	No GAC	-	<0.003	<0.1		0
Dibromomethane		mg/kg	No GAC	-	<0.001	<0.1		0
Dichloromethane	1530	mg/kg	0 of 10	0	<0.005	<0.005		0
Diethyl phthalate	96000	mg/kg	0 of 16	0	<0.1	<0.1		0
Dimethyl phthalate		mg/kg	No GAC	-	<0.1	<0.1		0
Diphenylamine		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachlorobenzene	29.7	mg/kg	0 of 19	0	<0.01	<0.1		0
Hexachlorobutadiene	50.8	mg/kg	0 of 17	0	<0.001	<0.1		0
Hexachlorocyclopentadiene		mg/kg	No GAC	-	<0.1	<0.1		0
Hexachloroethane	206	mg/kg	0 of 10	0	<0.1	<0.1	48.10	0
Isophorone		mg/kg	No GAC	-	<0.1	<0.1		0
Isopropylbenzene	33800	mg/kg	1 of 17	0	<0.001	<0.1	2250.0	0
M-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
MTBE	117000	mg/kg	0 of 22	0	<0.01	<0.1	62700.0	0
Nitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
O-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
P-Dinitrobenzene		mg/kg	No GAC	-	<0.1	<0.1		0
PCP; (Pentachlorophenol)	117	mg/kg	0 of 19	0	<0.1	<0.1		0
Sec-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
Styrene	6120	mg/kg	1 of 17	0	<0.001	0.125	3350.0	0
Tert-Butylbenzene		mg/kg	No GAC	-	<0.002	<0.1		0
Tetrachloroethene	1460	mg/kg	1 of 17	0	<0.001	<0.1		0
Trichloroethene	115	mg/kg	0 of 17	0	<0.001	<0.1		0
Trichlorofluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0
cis 1,2-Dichloroethene	1040	mg/kg	0 of 17	0	<0.001	<0.1		0
cis 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.001		0
cis1,3-Dichloropropene		mg/kg	No GAC	-	<0.01	<0.1		0
n-Butylbenzene		mg/kg	No GAC	-	<0.001	<0.1		0
n-Nitroso-n-dipropylamine		mg/kg	No GAC	-	<0.1	<0.1		0
n-Propylbenzene	43900	mg/kg	1 of 17	0	<0.001	<0.1	2330.0	0
trans 1,2-Dichloroethene	2710	mg/kg	0 of 17	0	<0.001	<0.1		0
trans 1,3-Dichloropropene		mg/kg	No GAC	-	<0.001	<0.1		0
VOC Total (excl. BTEX)		mg/kg	No GAC	-				0
Herbicides								
2,3,6-TBA		mg/kg	No GAC	-	<0.1	<0.1		0
2,4,5-TP; (Fenoprop); (Silvex)		mg/kg	No GAC	-	<0.1	<0.1		0
2,4-D		mg/kg	No GAC	-	<0.1	<0.1		0

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TT303A	TP307
Easting	384854.13	384457.26
Northing	399757.01	399506.74
Hole Elevation (mOD)	41.48	44
Sample Depth (mbgl)	0.6	2
Sample Date	17/02/22	23/02/22
Investigation	326R	326R
Geology	MG-G	MG-G
	St Catherine's Wood	RB Terrace

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
2,4-DB		mg/kg	No GAC	-	<0.1	<0.1		0
4-CPA		mg/kg	No GAC	-	<0.1	<0.1		0
Ametryne		mg/kg	No GAC	-	<0.2	<0.2		0
Atraton		mg/kg	No GAC	-	<0.1	<0.1		0
Atrazine	2300	mg/kg	0 of 4	0	<0.01	<0.01		0
Benazolin		mg/kg	No GAC	-	<0.1	<0.1		0
Bentazone		mg/kg	No GAC	-	<0.1	<0.1		0
Bromacil		mg/kg	No GAC	-	<0.1	<0.1		0
Bromoxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Carbetamide		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorbufam		mg/kg	No GAC	-	<0.1	<0.1		0
Chlorpropham		mg/kg	No GAC	-	<0.1	<0.1		0
Chlortoluron		mg/kg	No GAC	-	<0.1	<0.1		0
Clopyralid		mg/kg	No GAC	-	<0.1	<0.1		0
Cyfluthrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cyhalothrin		mg/kg	No GAC	-	<0.1	<0.1		0
Cypermethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Deltamethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Dicamba		mg/kg	No GAC	-	<0.1	<0.1		0
Diclofop		mg/kg	No GAC	-	<0.1	<0.1		0
Diuron		mg/kg	No GAC	-	<0.1	<0.1		0
Fenvalerate		mg/kg	No GAC	-	<0.1	<0.5		0
Flamprop		mg/kg	No GAC	-	<0.1	<0.1		0
Flamprop-isopropyl		mg/kg	No GAC	-	<0.1	<0.1		0
Ioxynil		mg/kg	No GAC	-	<0.1	<0.1		0
Isoproturon		mg/kg	No GAC	-	<0.1	<0.1		0
Linuron		mg/kg	No GAC	-	<0.1	<0.1		0
MCPA		mg/kg	No GAC	-	<0.1	<0.1		0
MCPB		mg/kg	No GAC	-	<0.1	<0.1		0
MCPP; (Mecoprop)		mg/kg	No GAC	-	<0.1	<0.1		0
Monuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin		mg/kg	No GAC	-	<0.1	<0.1		0
Picloram		mg/kg	No GAC	-	<0.1	<0.1		0
Pirimicarb		mg/kg	No GAC	-	<0.1	<0.1		0
Prometon		mg/kg	No GAC	-	<0.1	<0.1		0
Prometryn		mg/kg	No GAC	-	<0.02	<0.02		0
Propazine		mg/kg	No GAC	-	<0.02	<0.02		0
Propham		mg/kg	No GAC	-	<0.1	<0.1		0
Simazine		mg/kg	No GAC	-	<0.01	<0.01		0
Simetryn		mg/kg	No GAC	-	<0.1	<0.1		0
Terbuthylazine		mg/kg	No GAC	-	<0.02	<0.02		0
Triclopyr		mg/kg	No GAC	-	<0.1	<0.1		0
Pesticides								
Aldrin	7.9	mg/kg	0 of 4	0	<0.01	<0.01		0
Azinphos-ethyl		mg/kg	No GAC	-	<0.01	<0.01		0
Azinphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Carbophenothion		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorfenvinphos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorothalonil		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos		mg/kg	No GAC	-	<0.01	<0.01		0
Chlorpyrifos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0
Coumaphos		mg/kg	No GAC	-	<0.01	<0.01		0
Diazinon (Dimpylate)		mg/kg	No GAC	-	<0.01	<0.01		0

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref: TT303A	Hole Ref: TP307
									Easting: 384854.13	Easting: 384457.26
									Northing: 399757.01	Northing: 399506.74
									Hole Elevation (mOD): 41.48	Hole Elevation (mOD): 44
									Sample Depth (mbgl): 0.6	Sample Depth (mbgl): 2
									Sample Date: 17/02/22	Sample Date: 23/02/22
									Investigation: 326R	Investigation: 326R
									Geology: MG-G	Geology: MG-G
									St Catherine's Wood	RB Terrace
Dichlobenil		mg/kg	No GAC	-	<0.01	<0.01		0		
Dichlorvos	27	mg/kg	0 of 4	0	<0.01	<0.03		0		
Dieldrin	13	mg/kg	0 of 4	0	<0.01	<0.01		0		
Dimethoate		mg/kg	No GAC	-	<0.01	<0.01		0		
Disulfoton		mg/kg	No GAC	-	<0.1	<0.1		0		
Endosulphan I (Alpha)	2450	mg/kg	0 of 4	0	<0.01	<0.01		0		
Endosulphan II (Beta)	2460	mg/kg	0 of 4	0	<0.01	<0.01		0		
Endosulphan Sulphate		mg/kg	No GAC	-	<0.01	<0.01		0		
Endrin		mg/kg	No GAC	-	<0.01	<0.01		0		
Ethion		mg/kg	No GAC	-	<0.01	<0.01		0		
Fenitrothion		mg/kg	No GAC	-	<0.01	<0.01		0		
Fenthion		mg/kg	No GAC	-	<0.01	<0.01		0		
Heptachlor		mg/kg	No GAC	-	<0.01	<0.01		0		
Heptachlor epoxide		mg/kg	No GAC	-	<0.01	<0.01		0		
Isodrin		mg/kg	No GAC	-	<0.01	<0.01		0		
Malathion		mg/kg	No GAC	-	<0.01	<0.01		0		
Methyl Parathion		mg/kg	No GAC	-	<0.01	<0.01		0		
Mevinphos		mg/kg	No GAC	-	<0.01	<0.01		0		
Parathion (Ethyl Parathion)		mg/kg	No GAC	-	<0.01	<0.01		0		
Pendimethalin		mg/kg	No GAC	-	<0.01	<0.01		0		
Permethrin II (trans)		mg/kg	No GAC	-	<0.01	<0.01		0		
Phorate		mg/kg	No GAC	-	<0.01	<0.01		0		
Phosalone		mg/kg	No GAC	-	<0.01	<0.01		0		
Pirimiphos-methyl		mg/kg	No GAC	-	<0.01	<0.01		0		
Propetamphos		mg/kg	No GAC	-	<0.01	<0.01		0		
Quintozene (PCNB)		mg/kg	No GAC	-	<0.01	<0.01		0		
Tecnazene		mg/kg	No GAC	-	<0.01	<0.01		0		
Triadimefon		mg/kg	No GAC	-	<0.01	<0.01		0		
Triallate		mg/kg	No GAC	-	<0.01	<0.01		0		
Triazophos		mg/kg	No GAC	-	<0.01	<0.01		0		
Trifluralin		mg/kg	No GAC	-	<0.01	<0.01		0		
alpha-Hexachlorocyclohexane (HCH)	48	mg/kg	0 of 4	0	<0.01	<0.01		0		
beta-Hexachlorocyclohexane (HCH)	15	mg/kg	0 of 4	0	<0.01	<0.01		0		
cis-Chlordane (Alpha)		mg/kg	No GAC	-	<0.01	<0.01		0		
delta-Hexachlorocyclohexane (HCH)		mg/kg	No GAC	-	<0.01	<0.01		0		
o,p-DDD (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0		
o,p-DDE (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0		
o,p-DDT (2,4)		mg/kg	No GAC	-	<0.01	<0.01		0		
o,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0		
p,p-DDE (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0		
p,p-DDT (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0		
trans-Chlordane (Gamma)		mg/kg	No GAC	-	<0.01	<0.01		0		
2,3,5,6-Tetrachlorophenol		mg/kg	No GAC	-	<0.1	<0.1		0		
2,4,5-T		mg/kg	No GAC	-	<0.1	<0.1		0		
2,4-DP; (Dichlorprop)		mg/kg	No GAC	-	<0.1	<0.1		0		
3+4-Methylphenol		mg/kg	No GAC	-	<0.1	0.117		0		
4-Chlorophenyl Phenyl Ether		mg/kg	No GAC	-	<0.1	<0.1		0		
Aliphatics >C10-44		mg/kg	No GAC	-	<10	58		0		
Aluminium		mg/kg	No GAC	-	7410	15900		0	7410	
Ammoniacal Nitrogen as N		mg/kg	No GAC	-	1.9	2.6		0		
Aro >C5-C7		mg/kg	No GAC	-	<0.01	0.14		0	<0.01	
Asbestos ACM - Suitable for Water		-	No GAC	-				0	N/A	
Asbestos in soil		-	No GAC	-				0	NAD	

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation	Hole Ref	TT303A	TP307
									Easting	384854.13	384457.26
									Northing	399757.01	399506.74
									Hole Elevation (mOD)	41.48	44
									Sample Depth (mbgl)	0.6	2
									Sample Date	17/02/22	23/02/22
									Investigation	326R	326R
									Geology	MG-G	MG-G
										St Catherine's Wood	RB Terrace
Asbestos in soil % composition (hand picking and weighing)		% w/w	No GAC	-	<0.001	0.006		0			
Barium		mg/kg	No GAC	-	34	385		0			132
Calcium		mg/kg	No GAC	-	11600	59700		0			11600
Chloride (water sol 2:1)		mg/kg	No GAC	-	<10	90		0			<10
Cobalt		mg/kg	No GAC	-	5	18		0			12
Coronene		mg/kg	No GAC	-				0			
Cresols		mg/kg	No GAC	-				0			
Cyanazine		mg/kg	No GAC	-	<0.02	<0.02		0			
Demeton-S		mg/kg	No GAC	-	<0.5	<0.5		0			
Dichlorodifluoromethane		mg/kg	No GAC	-	<0.001	<0.001		0			
Dry Matter (Dry Solids) at 40C		% w/w	No GAC	-	74.5	99.8		0		83.6	
EPH CWG GCxGC ID (for FID		-	No GAC	-				0			
Electrical conductivity @ 20degC		uS/cm	No GAC	-				0			
Endrin Aldehyde		mg/kg	No GAC	-	<0.01	<0.01		0			
Endrin Ketone		mg/kg	No GAC	-	<0.01	<0.01		0			
Ethylene glycol (Monoethylene glycol)		mg/kg	No GAC	-				0			
Fensulphothion		mg/kg	No GAC	-	<0.01	<0.01		0			
Fluoride (water sol 2:1)		mg/kg	No GAC	-				0			
Fluroxypyr		mg/kg	No GAC	-	<0.1	<0.1		0			
Iron		mg/kg	No GAC	-	27000	62500		0			62500
Loss on ignition		%	No GAC	-	0.97	53		0			27
Magnesium		mg/kg	No GAC	-	1710	2910		0			1710
Manganese		mg/kg	No GAC	-	247	750		0			750
Mass Sample (1 stage WAC)		kg	No GAC	-	0.175	0.235		0		0.209	
Methabenzthiazuron		mg/kg	No GAC	-	<0.1	<0.1		0			
Molybdenum		mg/kg	No GAC	-	<1	7		0			<1
Monolinuron		mg/kg	No GAC	-	<0.1	<0.1		0			
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)		mg/kg	No GAC	-				0			
PCB Total		mg/kg	No GAC	-	<0.007	<0.01		0		<0.007	
Perylene		mg/kg	No GAC	-	<0.1	83		0			
Potassium		mg/kg	No GAC	-	690	1840		0			690
Prothiofos (Tokuthion)		mg/kg	No GAC	-	<0.01	<0.02		0			
Resorcinol		mg/kg	No GAC	-				0			
SVOC TICs (Tentatively Identified		-	No GAC	-				0			
Silver		mg/kg	No GAC	-	<10	<10		0			<10
Sulphide		mg/kg	No GAC	-	<5	610		0			30
Sulphur (elemental)		mg/kg	No GAC	-	<5	38		0			17
Telodrin		mg/kg	No GAC	-	<0.01	<0.01		0			
Terbutryn		mg/kg	No GAC	-	<0.02	<0.02		0			
Tin		mg/kg	No GAC	-	<5	222		0			<5
Titanium		mg/kg	No GAC	-	100	470		0			170
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	<10		0			
Total Aromatics		mg/kg	No GAC	-				0			
Total Aromatics		mg/kg	No GAC	-	5	47100		0			127
Trichloronate		mg/kg	No GAC	-	<0.01	<0.01		0			
Trimethylphenol		mg/kg	No GAC	-				0			
VOC TICs		-	No GAC	-				0			
Xylenols & Ethylphenols		mg/kg	No GAC	-				0			
Aromatics >C10-44		mg/kg	No GAC	-	<10	930		0			

Concentration exceeds GAC	100.00
Limit of Detection value exceeds GAC	<0.1
Concentration exceeds saturation value but not GAC	50

ARUP

Hole Ref	TT303A	TP307
Easting	384854.13	384457.26
Northing	399757.01	399506.74
Hole Elevation (mOD)	41.48	44
Sample Depth (mbgl)	0.6	2
Sample Date	17/02/22	23/02/22
Investigation	326R	326R
Geology	MG-G	MG-G
	St Catherine's Wood	RB Terrace

Contaminant Name	GAC	Units	Total > LOD	Total > GAC	Min	Max	Saturation Value	Total > Saturation
Chloroxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Cresol & Chlorinated Phenol Total		mg/kg	No GAC	-				0
Demeton-O		mg/kg	No GAC	-	<0.5	<0.5		0
Diflubenzuron		mg/kg	No GAC	-	<0.1	<0.1		0
Dimefuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ethers Total (from SVOC)		mg/kg	No GAC	-				0
Ethiofencarb		mg/kg	No GAC	-	<0.1	<0.1		0
Metoxuron		mg/kg	No GAC	-	<0.1	<0.1		0
Ortho Phosphate as P		mg/kg	No GAC	-	0.14	42		0
Pencycuron		mg/kg	No GAC	-	<0.1	<0.1		0
Permethrin I (cis)		mg/kg	No GAC	-	<0.01	<0.01		0
Phenmedipham		mg/kg	No GAC	-	<0.1	<0.1		0
Total Aliphatics and Aromatics C10-C44		mg/kg	No GAC	-	<10	980		0
Total Aliphatics and Aromatics C5-C35		mg/kg	No GAC	-	<10	520		0
Total Aromatics C5-C35		mg/kg	No GAC	-	<10	380		0
p,p-DDD (4,4)		mg/kg	No GAC	-	<0.01	<0.01		0
p,p-Methoxychlor		mg/kg	No GAC	-	<0.01	<0.01		0

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH102	BH102	BH103	BH103	BH103
									Easting	384763.18	384763.18	384689.014	384689.014	384689.014
									Northing	399691.375	399691.375	399695.588	399695.588	399695.588
									Hole Elevation (mOD)	42.934	42.934	42.57	42.57	42.57
									Sample Depth (mbgl)	3.1	3.4	0.9	3.45	3.59
									Piezometer top (mbgl)	1.9	1.9	1	1	1
									Piezometer base (mbgl)	6.7	6.7	3.5	3.5	3.5
									Sample Date	26/05/22	04/07/22	24/01/19	26/05/22	04/07/22
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI
									Response zone	MG/glacial till	MG/glacial till	Made ground	Made ground	Made ground
										Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		0.001	<0.001	**0.010497**	<0.001	<0.001
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.016	0.008	0.002782	<0.001	0.006
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.001	<0.001	0.000142	<0.001	<0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		<0.0002	<0.0002	0.000098	<0.0002	**0.0006**
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		536	420	110	992	556
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		0.003	<0.001	**0.007823**	<0.001	<0.001
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		0.01	<0.004	0.003015	<0.001	<0.004
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90						
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		**0.149**	0.007	0.001893	<0.001	<0.001
Magnesium		-	mg/l	No GAC	-		53	50.0						
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**3.61**	**2.29**	**2.7502**	**13.2**	**15**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.0001	<0.0001	<0.00001	<0.0001	<0.0001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		**0.017**	0.011	0.006447	**0.025**	**0.04**
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10						
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		<0.001	<0.001	0.005043	<0.001	<0.001
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80						
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		0.007	<0.001	0.003487	<0.001	<0.001
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		**0.055**	0.028	0.013066	0.023	0.03
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.09	6.99	7.4	7.14	7.1
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		**0.005**	<0.005	<0.04	**0.056**	**0.017**
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515			<0.005			0.017
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827			<0.005			<0.005
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52			0.3			<0.1
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		77	92	29	23	22
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		**1.9**	**2.2**	**3.8**	**3.08**	**1.89**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		15.5	18.7	17	10.3	9.6
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0		1509	1232		2644	1531
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80				359		
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30						
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5						
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80						
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540						
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0						
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01			<0.001		<0.001	<0.001
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.01	<0.01	<0.1	<0.01	<0.01
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		**38**	**0.76**	<0.001	<0.005	<0.005
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		**81.8**	**1.867**	<0.001	<0.005	<0.005
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		54	1.187	<0.001	<0.005	<0.005

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	56.9	1.081	<0.001	<0.005	<0.005
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05	2.01	0.056		<0.005	<0.005
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.001	<0.001	<0.0001	<0.001	<0.001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.001	0.011	<0.0001	<0.001	<0.001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	**21.4**	**0.406**	<0.0001	<0.005	<0.005
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05			<0.01		
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690	254	5.37		<0.005	<0.005
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	**21.3**	**0.979**	<0.001	<0.005	<0.005
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	**48.1**	**1.677**	<0.001	<0.005	0.012
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	**29**	**0.841**	<0.001	<0.005	0.014
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	**12.4**	**0.27**	<0.001	<0.01	<0.01
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05	<0.005	<0.005		<0.005	<0.005
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.001	<0.001	<0.0001	<0.001	<0.001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.001	<0.001	<0.0001	<0.001	<0.001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	**9**	0.251	<0.0001	<0.005	<0.005
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935					
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604	120	4.02		<0.01	0.026
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006	374	9.39		<0.01	0.026
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095					
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1			<0.01		
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			<0.01		
PAH													
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	0.00181	0.00283	0.000409	0.00001	<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	0.00008	0.00013	<0.00001	<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	**0.00126**	**0.00352**	**0.000058**	**0.00004**	**0.00002**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	0.00307	0.00566	0.000184	0.00008	0.00003
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	0.00026	0.0005	<0.00001	0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	0.00123	0.00347	0.000167	<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	0.0021	0.00516	0.000055	0.00003	0.00002
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	0.00091	0.00132	0.000808	<0.00001	<0.00001
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948	0.0162	0.0364		0.00022	0.00008
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172			0.001863		
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	0.00029	0.00134	0.000011	<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	**0.00141**	**0.00389**	**0.000111**	0.00002	0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	0.00113	0.00322	0.000014	<0.00001	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	0.00026	0.00046	<0.00001	0.00001	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	**0.00038**	**0.00086**	<0.00001	**0.00001**	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	0.00053	0.00113	<0.00001	0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	0.00018	0.00036	<0.00001	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	0.00126	0.00257	0.000047	<0.00001	<0.00001
BTEX													
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002	0.001	0.003		<0.001	<0.001
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001	<0.001	<0.001		<0.001	<0.001
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001			<0.001		
VOC													
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003		<0.003		<0.003	<0.003
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003		<0.003		<0.003	<0.003
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014		0.002		<0.001	<0.001
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002		<0.002		<0.002	<0.002
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.002		<0.002	<0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.001		<0.001	<0.001
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002			<0.001		<0.001	<0.001
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005			<0.005		<0.005	<0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01			<0.01		<0.01	<0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01			<0.01		<0.01	<0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003			<0.003		<0.003	<0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016			<0.005		<0.005	<0.005
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026			0.005		<0.001	<0.001
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001		<0.001	<0.001		<0.001	<0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022			0.004		<0.001	<0.001
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002			<0.002		<0.002	<0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024			<0.001		<0.001	<0.001
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			0.001		<0.001	<0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018			0.003		<0.001	<0.001
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
SVOC														
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01			<0.01		<0.01	<0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		<0.001	<0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022			<0.001		0.004	<0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01			<0.01	<0.01	<0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001		<0.0001	<0.001	<0.001	<0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001		<0.00002	<0.001	<0.001	<0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Herbicides													
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005		<0.00005			
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002		<0.00002			
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005		<0.00005			
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005		<0.00005			
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005		<0.00005			
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005		<0.00005			
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Pesticides													
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		<0.0001			

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005					<0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005					<0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005					<0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001					<0.0001
Other													
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001					
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001					
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001					
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0					
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921					

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001					
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001					
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001					
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455					
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	<0.0005				
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005				
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001					
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0					
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002	<0.00002				
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0					
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448					
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005				
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005				
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001					
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001					
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001					
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002				
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162					
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005				
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	<0.0005				
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005				
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005				
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005				
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001				
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH105	BH105	BH105	BH201	BH202
									Easting	384463.735	384463.735	384463.735	384762.04	384723.888
									Northing	399571.588	399571.588	399571.588	399820.851	399716.141
									Hole Elevation (mOD)	40.666	40.666	40.666	43.4	42.663
									Sample Depth (mbgl)	4.52	4.93	5.1	7.6	4.19
									Piezometer top (mbgl)	3	3	3	3	4
									Piezometer base (mbgl)	9.5	9.5	9.5	8	9
									Sample Date	24/01/19	27/05/22	04/07/22	04/07/22	26/05/2021
									Investigation	VN - Phase 1 GI	VN - Phase 1 GI	VN - Phase 1 GI	NW1604	NW1604
									Response zone	Glacial till	Glacial till	Glacial till	Collyhurst Sandstone	Glacial till
										Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		**0.008356**	<0.001	<0.001	<0.001	0.00091
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.000566	0.011	0.005	0.014	0.0031
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001	0.004	0.002	0.004	<0.0001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		0.000126	**0.0035**	**0.0012**	**0.0205**	<0.00003
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		120	208	190	680	44
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		<0.00025	**0.022**	**0.013**	**0.006**	0.0011
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		0.002675	**0.104**	**0.05**	0.02	0.0074
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90						**5.9**
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		0.000204	**0.063**	**0.041**	**0.039**	0.0014
Magnesium		-	mg/l	No GAC	-		53	50.0						23
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**0.82475**	**6.91**	**2.45**	**8.38**	0.011
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.00001	<0.0001	<0.0001	<0.0001	<0.00001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		0.003437	**0.053**	**0.028**	**0.043**	0.0018
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10						7.2
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		0.00119	**0.018**	0.003	0.004	0.001
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80						
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		0.001072	**0.03**	0.015	0.011	0.0024
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		0.019094	**0.446**	**0.183**	**1.443**	**0.16**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.3	7.28	7.12	7.41	7.4
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04	<0.005	<0.005	**0.005**	<0.04
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515					0.005	
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827					**0.005**	
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52					0.1	
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		29	15	19	1	8
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		**1.3**	0.21	0.22	0.02	0.17
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		2.5	5.5	5.3	2	5.2
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0			657	580	2113	123
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80		369				
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30						
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5						
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80			198			
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540						
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0						
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01						
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1	<0.01	<0.01		<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		<0.001	<0.005	<0.005	<0.005	<0.001
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		<0.001	<0.005	<0.005	<0.005	<0.001
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		<0.001	<0.005	<0.005	<0.005	<0.001

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	<0.001	0.026	<0.005	<0.005	<0.001
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.005	<0.005	<0.005	<0.001
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.0001	<0.005	<0.005	<0.005	<0.0001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05	<0.01				
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690		0.026	<0.005	<0.005	
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	<0.001	<0.005	<0.005	<0.005	<0.001
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	<0.001	<0.005	<0.005	<0.005	<0.001
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	<0.001	<0.005	<0.005	<0.005	<0.001
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	<0.001	<0.01	<0.01	<0.01	<0.001
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.005	<0.005	<0.005	<0.001
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.0001	<0.001	<0.001	<0.001	<0.0001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	<0.0001	<0.005	<0.005	<0.005	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935					
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604		<0.01	<0.01	<0.01	
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006		0.026	<0.01	<0.01	
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095					
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1	<0.01				
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01	<0.01				
PAH													
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	<0.00005	<0.00001	<0.00001	<0.00001	<0.00005
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948		<0.00001	<0.00001	<0.00001	<0.0002
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172	<0.0002				
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	<0.00001	<0.00001	<0.00001	<0.00001	<0.00001
BTEX													
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002		<0.001	<0.001	<0.001	
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001		<0.001	<0.001	<0.001	
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001	<0.001				<0.001
VOC													
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014					
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002					
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

<0.001 <0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01	
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001	
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001	<0.0001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001	<0.00002
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	
Herbicides									
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Pesticides									
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005	<0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005	<0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005	<0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	<0.0001
Other									
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001	
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001	
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001	
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001	
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001	
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001	
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0	
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921	

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001	
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001	
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455	
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	<0.0005
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	<0.00005
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0	
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002	<0.00002
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0	
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448	
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001	
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001	
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	<0.00002
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162	
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	<0.0005
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	<0.00005
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	<0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001	

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH202	BH202	BH202	BH202	BH203
									Easting	384723.888	384723.888	384723.888	384723.888	384845.747
									Northing	399716.141	399716.141	399716.141	399716.141	399748.863
									Hole Elevation (mOD)	42.663	42.663	42.663	42.663	41.891
									Sample Depth (mbgl)	4.19	4.19	7.9	8.7	12.4
									Piezometer top (mbgl)	4	4	4	4	18
									Piezometer base (mbgl)	9	9	9	9	24
									Sample Date	11/08/2021	11/08/21	26/05/22	04/07/22	05/07/22
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604
									Response zone	Glacial till	Glacial till	Glacial till	Glacial till	Collyhurst
										Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	St Catherine's Wood
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		<0.00017	<0.00017	<0.001	<0.001	<0.001
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.002689	0.002689	**0.066**	0.031	0.003
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001	<0.0001	<0.001	0.004	<0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		<0.00003	<0.00003	**0.0003**	**0.0127**	**0.0003**
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		100	100	717	470	95
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		<0.00025	<0.00025	<0.001	**0.005**	<0.001
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		<0.0004	<0.0004	<0.001	0.025	0.007
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90						
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		<0.00009	<0.00009	<0.001	**0.069**	0.004
Magnesium		-	mg/l	No GAC	-		53	50.0						
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**1.248446**	**1.248446**	**16.1**	**9.64**	**0.809**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.00001	<0.00001	<0.0001	<0.0001	<0.00001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		0.002072	0.002072	**0.088**	**0.056**	**0.02**
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10						
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		<0.00025	<0.00025	<0.001	0.004	<0.001
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80						
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		<0.0006	<0.0006	0.002	**0.027**	<0.001
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		<0.0013	<0.0013	**0.335**	**1.584**	**0.055**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.5	7.5	8.04	7.49	7.08
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04	<0.04	<0.005	<0.005	**0.005**
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515						0.005
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827						**0.005**
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52						0.1
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		**320**	**320**	52	60	38
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		0.12	0.12	0.36	0.53	**4.04**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		7.7	7.7	5.2	3.8	3.6
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0		501		2516	2069	358
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80			501			
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30						
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5						
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80				316		
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540						
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0						
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01						
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1	<0.1	<0.01	<0.01	
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						<0.0001
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965				<0.005	<0.005	
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485				<0.005	<0.005	
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165				<0.005	<0.005	

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213		0.018	<0.005	
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.005	<0.005	
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001		<0.001	<0.001	
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001		<0.001	<0.001	
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05		<0.005	<0.005	
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05				
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690		0.018	<0.005	
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375		<0.005	<0.005	
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445		<0.005	<0.005	
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135		<0.005	<0.005	
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765		<0.01	<0.01	
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.005	<0.005	
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001		<0.001	<0.001	
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001		<0.001	<0.001	
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025		<0.005	<0.005	
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935				
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604		<0.01	<0.01	
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006		0.018	<0.01	
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095				
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1				
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01				
PAH												
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201		0.00027	<0.00001	0.00009
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077		0.00041	<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585		**0.00505**	**0.00003**	**0.00002**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025		0.00024	<0.00001	0.00005
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285		0.00201	<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452		0.00235	<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925		0.00513	0.00003	<0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111		0.00004	<0.00001	<0.00005
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948		0.0291	0.00011	<0.0002
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172				
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104		0.0001	<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306		**0.00051**	<0.00001	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367		0.00228	0.00001	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386		0.00199	<0.00001	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041		**0.00242**	**0.00001**	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491		0.00281	0.00002	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013		0.00094	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351		0.0026	0.00001	<0.00001
BTEX												
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001		<0.001	<0.001	
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001	<0.001	
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001	<0.001	
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002		<0.001	<0.001	
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001		<0.001	<0.001	
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001				
VOC												
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001				
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001				
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001				
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001				
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001				
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001				
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001				
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003				
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001				
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003				
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014				
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002				
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001				
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001				

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

MTBE (w) <0.001 <0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Herbicides								
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pesticides								
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH204	BH204	BH204	BH205	BH205
									Easting	384815.474	384815.474	384815.474	384689.078	384689.078
									Northing	399703.59	399703.59	399703.59	399735.153	399735.153
									Hole Elevation (mOD)	43.276	43.276	43.276	42.578	42.578
									Sample Depth (mbgl)	2.36	3.1	2.36	5.68	5.68
									Piezometer top (mbgl)	1.5	1.5	1.5	4.8	4.8
									Piezometer base (mbgl)	10	10	10	10.8	10.8
									Sample Date	11/08/21	05/07/22	26/05/2021	26/05/2021	26/05/2022
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604
									Response zone	Made ground	Made ground	Made ground	Manchester Marl	Manchester Marl
										St Catherine's Wood	St Catherine's Wood	St Catherine's Wood	Red Bank Plateau	Red Bank Plateau
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		<0.00017	0.001	0.00018	0.00034	<0.001
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.002991	0.004	0.0044	0.0016	0.031
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001	<0.001	<0.0001	<0.0001	0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		<0.00003	**0.0115**	<0.00003	**0.00064**	**0.0178**
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		160	237	120	64	425
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		<0.00025	<0.001	<0.00025	<0.00025	0.003
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		<0.0004	0.004	<0.0004	0.0007	0.009
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90						
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		<0.00009	0.002	0.00046	0.00015	**0.01**
Magnesium		-	mg/l	No GAC	-		53	50.0		29				
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**1.950535**	**3.36**	**1.8**	**0.46**	**11.6**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.00001	<0.0001	<0.00001	0.00002	<0.00001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		<0.0005	0.012	0.0018	0.003	**0.062**
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10		7.2				
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		<0.00025	<0.001	0.00026	0.00059	0.001
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80		8.2			54	
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		<0.0006	<0.001	<0.0006	<0.0006	0.01
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		<0.0013	**1.606**	0.0086	0.024	**2.594**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.5	7.26	7.2	7.4	7.32
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04	<0.005	<0.04	<0.04	**0.024**
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515						0.024
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827						<0.005
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52						0.2
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		15	6	9.9	54	61
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		0.36	0.54	0.53	0.07	0.36
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		24	4.5	<2	<2	
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250					1.7	
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0			760	412	345	1800
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80		511				
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30		0.78			<0.1	
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5		0.43			<0.1	
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80		70			78	
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540		0.02502			0.058	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0		380			310	
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01						
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1	<0.01	<0.1	<0.1	
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965			<0.005	<0.001	<0.001	<0.001
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485			<0.005	0.0052	<0.001	<0.001
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165			<0.005	0.026	<0.001	<0.001

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	<0.005	<0.001		<0.001	<0.001
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05	<0.005	<0.001		<0.001	<0.001
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.001	<0.0001		<0.0001	<0.0001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.001	<0.0001		<0.0001	<0.0001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.005	<0.0001		<0.0001	<0.0001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05					
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690	<0.005				
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	<0.005	<0.001		<0.001	<0.001
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	<0.005	<0.001		<0.001	<0.001
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	<0.005	<0.001		<0.001	<0.001
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	<0.01	<0.001		<0.001	<0.001
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05	<0.005	<0.001		<0.001	<0.001
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.001	<0.0001		<0.0001	<0.0001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.001	<0.0001		<0.0001	<0.0001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	0.008	<0.0001		<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935		<0.001		<0.001	<0.001
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604	<0.01		0.033		<0.001
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006	<0.01				
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095			0.033		<0.001
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1					
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01					
PAH													
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	<0.00001	0.00003		<0.00001	
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	<0.00001	<0.00001		<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	**0.00005**	<0.00001		<0.00001	**0.00007**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	<0.00001	0.00002		<0.00001	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	0.00001	<0.00001		<0.00001	0.00003
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	0.00002	<0.00001		<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	0.00005	<0.00001		<0.00001	0.00008
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	<0.00001	**0.013**		<0.00005	0.00003
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948	0.00025	0.00024		<0.0002	
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172		0.00003			0.00048
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	<0.00001	<0.00001		<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	<0.00001	<0.00001		<0.00001	0.00002
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	0.00002	<0.00001		<0.00001	0.00004
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	0.00001	<0.00001		<0.00001	0.00003
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	**0.00003**	<0.00001		<0.00001	**0.00005**
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	0.00003	<0.00001		<0.00001	**0.00006**
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	0.00001	<0.00001		<0.00001	0.00002
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	0.00002			<0.00001	0.00005
BTEX													
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001	<0.001	<0.001		<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001		<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001		<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002	<0.001				<0.001
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001	<0.001				<0.001
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001		<0.001		<0.001	
VOC													
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014					
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002					
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

<0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Herbicides								
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pesticides								
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001	
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001	
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455	
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0	
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002	
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0	
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448	0.0066
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001	
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001	
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162	
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001	

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH206	BH206	BH207	BH207	BH208
									Easting	384729.233	384729.233	384654.25	384654.25	384562.98
									Northing	399690.75	399690.75	399626.1	399626.1	399592.56
									Hole Elevation (mOD)	42.692	42.692	41.638	41.638	40.66
									Sample Depth (mbgl)	2.77	2.77			12
									Piezometer top (mbgl)	2	2	1.5	1.5	3
									Piezometer base (mbgl)	6	6	15.5	15.5	13
									Sample Date	10/08/21	26/05/2021	26/05/2021	10/08/2021	10/08/21
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604
									Response zone	Glacial till	Glacial till	Made ground	Made ground	Made ground
										Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		0.000601	0.0004	0.00043	0.0011	0.000867
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.000897	0.00089	0.0024	0.001	0.00481
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		**0.000631**	**0.0007**	**0.0002**	**0.00087**	**0.000232**
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		110	92	110	200	99
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		0.000351	<0.00025	0.0003	0.0011	0.000603
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		<0.0004	0.0004	0.0004	0.0054	0.002559
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90				0.041		
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		0.000347	0.0001	0.00027	0.0025	0.000128
Magnesium		-	mg/l	No GAC	-		53	50.0				50	0	
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**0.854463**	**1.5**	**1.7**	0.0082	**0.390387**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.00001	<0.00001	0.00002	<0.00001	0.000014
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		0.001963	0.0024	0.014	0.0067	0.00484
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10				5.8		
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		0.000346	0.00042	0.0013	0.0018	0.006872
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80				97		
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		<0.0006	<0.0006	<0.0006	<0.0006	0.002819
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		0.032346	0.033	**0.077**	**0.15**	0.014094
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		6.9	7.1	7.1	6.8	7
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04	<0.04	<0.04	<0.04	<0.04
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515				<0.0001		
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827				<0.02		
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52				<0.02		
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		5.1	9.6	64	26	31
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		0.05	0.19	0.077	0.077	**1.3**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		<2	<2	<2	2.7	6.5
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0			310	476	623	
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80		355				327
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30				0.57		
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5				<0.1		
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80				150		
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540				0.026		
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0				450		
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01				<0.0001		
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1	<0.1	<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241				<0.002		
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001				<0.0001		
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965			<0.001	<0.001		
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485			<0.001	<0.001		
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165			<0.001	<0.001		

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213		<0.001	<0.001
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.001	<0.001
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001		<0.0001	<0.0001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001		<0.0001	<0.0001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05		<0.0001	<0.0001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05			
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690			
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375		<0.001	<0.001
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445		<0.001	<0.001
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135		<0.001	<0.001
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765		<0.001	<0.001
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.001	<0.001
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001		<0.0001	<0.0001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001		<0.0001	<0.0001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025		<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935			<0.001
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604			<0.001
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006			
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095			<0.001
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1			
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			
PAH											
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201		<0.00001	0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077		<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585		<0.00001	<0.00001
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025		0.00001	0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285		<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452		<0.00001	<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925		<0.00001	<0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111		<0.00005	<0.00005
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948		<0.0002	<0.0002
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172			<0.00001
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104		0.00002	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306		<0.00001	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367		<0.00001	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386		<0.00001	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041		<0.00001	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491		<0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013		<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351		<0.00001	
BTEX											
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001		<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002			<0.002
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001			<0.001
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001		<0.001	<0.001
VOC											
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003			<0.001
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003			<0.001
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014			<0.001
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.001
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.001
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002	<0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005	<0.004
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01	<0.004
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001	
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001	
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001	
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01	<0.001
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.001
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016	
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026	<0.001
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001	<0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022	<0.001
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002	<0.001
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024	<0.001
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001	
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018	<0.001
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
SVOC									
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01	<0.001
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022	<0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01	<0.001
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001	<0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001	<0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	
Herbicides									
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Pesticides									
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH208	BH209	BH209	BH210	BH210
									Easting	384562.98	384548.843	384548.843	384479.67	384479.67
									Northing	399592.56	399628.33	399628.33	399554.7	399554.7
									Hole Elevation (mOD)	40.66	41.214	41.214	40.45	40.45
									Sample Depth (mbgl)	12	12.47	12.47	10.8	10.8
									Piezometer top (mbgl)	3	11	11	14	14
									Piezometer base (mbgl)	13	17	17	19.6	19.6
									Sample Date	27/05/2021	10/08/21	27/05/2021	10/08/21	27/05/2021
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604
									Response zone	Made ground	Chester Pebble Beds	Chester Pebble Beds	Chester Pebble Beds	Chester Pebble Beds
										Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		0.00091	0.00061	0.00038	0.002005	0.002
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.0028	0.001961	0.0029	0.001124	0.0026
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		**0.0009**	**0.000968**	**0.0003**	<0.00003	<0.00003
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		170	140	100	120	100
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		0.00033	0.00041	<0.00025	0.000643	0.00026
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		0.0034	0.000525	0.0006	0.003132	0.0022
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90				0.097		**1.1**
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		0.00042	0.000356	0.00041	<0.00009	0.00024
Magnesium		-	mg/l	No GAC	-		53	50.0				50	27	28
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**0.67**	**0.753782**	**1.6**	**0.746742**	**0.85**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		0.00002	0.000013	0.00002	<0.00001	<0.00001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		0.0053	0.014998	0.012	0.001259	0.0021
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10				5.3	7.1	7.6
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		0.0049	0.002252	0.001	0.000387	0.00054
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80		89		48	38	13
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		0.0013	<0.0006	<0.0006	<0.0006	<0.0006
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		0.037	**0.100339**	<0.0006	0.003744	0.0039
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7	6.9	7.1	7	7.2
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04	<0.04	<0.04	<0.04	<0.04
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515						
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827						
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52						
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		23	51	63	22	28
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		**1**	0.13	0.15	**2.5**	**7.4**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		4	<2	<2	3.5	3.3
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0		532		468		370
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80			589		410	
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30				0.96	<0.5	<0.1
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5			<0.1		<0.5	<0.1
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80				150	98	79
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540				0.16	0.018106	0.073
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0				400	390	380
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01						
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1	<0.1	<0.1	<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		<0.001	<0.001		<0.001	
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		<0.001	<0.001		<0.001	
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		<0.001	<0.001		<0.001	

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	<0.001	<0.001	<0.001
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05	<0.001	<0.001	<0.001
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.0001	<0.0001	<0.0001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.0001	<0.0001	<0.0001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.0001	<0.0001	<0.0001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05			
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690			
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	<0.001	<0.001	<0.001
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	<0.001	<0.001	<0.001
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	<0.001	<0.001	<0.001
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	<0.001	<0.001	<0.001
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05	<0.001	<0.001	<0.001
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.0001	<0.0001	<0.0001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.0001	<0.0001	<0.0001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	<0.0001	<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935	<0.001	<0.001	<0.001
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604	<0.001		
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006			
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095	<0.001		
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1			
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01			
PAH											
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	0.00001	0.00001	0.00002
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	<0.00001	<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	**0.00003**	<0.00001	**0.00002**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	0.00001	<0.00001	0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	0.00004	<0.00001	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	<0.00001	<0.00001	0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	0.00005	<0.00001	0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	<0.00005	<0.00005	<0.00005
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948	0.00038	<0.0002	<0.0002
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172	<0.00001		
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	<0.00001	<0.00001	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	0.00003	<0.00001	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	0.00005	<0.00001	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	0.00005	<0.00001	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	**0.00005**	<0.00001	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	0.00003	<0.00001	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	0.00004	<0.00001	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351		<0.00001	<0.00001
BTEX											
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001	<0.001	<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002			
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001			
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001
VOC											
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003			
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003			
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014			
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002			
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Herbicides								
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pesticides								
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001	
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001	
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455	
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0	
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002	
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0	
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448	0.24
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001	
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001	
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001	
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162	
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005	
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005	
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001	
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001	

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Viaduct	Red Bank Viaduct
Hole Ref									BH211A	BH211A	BH211A	BH212	BH212
Easting									384441.79	384441.79	384441.79	384487.32	384487.32
Northing									399513.96	399513.96	399513.96	399426.078	399426.078
Hole Elevation (mOD)									40.44	40.44	40.44	30.377	30.377
Sample Depth (mbgl)									7.73	9.1	7.73	3.48	3.48
Piezometer top (mbgl)									5	5	5	5.5	5.5
Piezometer base (mbgl)									10.5	10.5	10.5	9	9
Sample Date									10/08/21	04/07/22	27/05/2021	05/07/22	01/06/2021
Investigation									NW1604	NW1604	NW1604	NW1604	
Response zone									Made ground	Made ground	Made ground	Chester Pebble Beds	Chester Pebble Beds
Metal													
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005	0.000411	<0.001	0.000042	0.005	**0.0059**
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382	0.019811	<0.001	0.00098	0.039	0.014
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004	<0.0001	<0.001	<0.0001	0.002	<0.0001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135	<0.00003	<0.0002	<0.00003	**0.0038**	**0.00019**
Calcium		-	mg/l	No GAC	-	<1	1070	844.70	180	655	220	215	170
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211	0.000993	<0.001	0.00011	**0.045**	0.0019
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065	<0.0004	0.003	0.00014	**0.078**	0.0046
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90			0.82		0.22
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805	0.000903	<0.001	0.0005	**0.866**	0.00043
Magnesium		-	mg/l	No GAC	-		53	50.0	26		22		11
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270	**0.421533**	**3.6**	0.067	**0.79**	0.023
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838	<0.00001	<0.0001	<0.00001	<0.0001	<0.00001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746	0.001076	**0.02**	0.00022	**0.024**	0.0027
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10	13		9.9		7.6
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225	<0.00025	<0.001	<0.00025	0.005	0.0069
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80	14		29		16
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0					
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297	<0.0006	<0.001	<0.0006	**0.03**	0.0028
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393	0.002366	**0.046**	0.00092	**0.923**	0.022
Inorganic													
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826	7.1	7.2	7.2	7.03	7.2
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239	<0.04	**3.861**	<0.04	**5.246**	**0.29**
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515	0.008794	3.854	0.0032	5.112	0.36
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827	<0.02	**0.007**	<0.02	**0.134**	**0.26**
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52	<0.02	0.2	<0.02	0.7	<0.02
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50	34	31	38	14	23
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80	**5.6**	**3.67**	**2.7**	<0.02	<0.015
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0	3.4	5.5	2.4	3.5	<2
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250					
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0		1824	635	617	475
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80	543				
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30	2.4		<0.1		13
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5	<0.5		<0.1	<0.1	
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80	130		150		200
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540	0.096618		0.044		0.03
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0	600		470		250
Phenol and mineral oils													
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01		<0.001	0.0027		
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1	<0.1	<0.01	<0.1	<0.01	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241			0.028		
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001			<0.0001		
TPH													
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		<0.005	<0.001	<0.005	<0.001
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		<0.005	<0.001	<0.005	<0.001
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		0.02	0.0056	<0.005	<0.001

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	0.427		0.04		0.015	<0.001
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05	0.05	<0.001			<0.005	<0.001
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.001	<0.0001			<0.001	<0.0001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.001	<0.0001			<0.001	<0.0001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.005	<0.0001			<0.005	<0.0001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05						
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690	0.497				0.015	
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	<0.005	<0.001			<0.005	<0.001
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	0.009		0.0018		<0.005	<0.001
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	0.041		0.017		0.005	<0.001
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	0.065		0.057		<0.01	<0.001
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05	<0.005		0.0056		<0.005	<0.001
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.001	<0.0001			<0.001	<0.0001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.001	<0.0001			<0.001	<0.0001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	0.006	<0.0001			<0.005	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935			0.082			<0.001
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604	0.121		0.041		<0.01	
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006	0.618				0.02	
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095			0.12			
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1						
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01						
PAH														
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	0.00001		0.00003		<0.00001	0.00011
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	<0.00001	<0.00001			<0.00001	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	**0.00004**		**0.00001**		**0.00013**	**0.00001**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	<0.00001		0.00003		<0.00001	0.00005
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	0.00001	<0.00001			0.00004	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	0.00002		0.00003		0.00008	0.00003
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	0.00004	<0.00001			0.00013	0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	<0.00001	<0.00005			<0.00001	0.00034
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948	0.00023		0.00021		0.00069	0.0006
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172			0.00003			
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	<0.00001	<0.00001			<0.00001	0.00004
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	<0.00001	<0.00001			0.00001	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	0.00002	<0.00001			0.00005	0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	0.00001	<0.00001			0.00004	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	**0.00002**	<0.00001			**0.00006**	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	0.00002	<0.00001			0.00007	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	<0.00001	<0.00001			0.00002	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	0.00004				0.00006	<0.00001
BTEX														
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001	<0.001	<0.001			<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001			<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001			<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002	<0.001	<0.002			<0.001	
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001	<0.001	<0.001			<0.001	
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001		<0.001				<0.001
VOC														
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001				
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001				
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001				
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001				
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001				
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001				
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001				
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.003	<0.001				
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001				
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.003	<0.001				
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014	<0.001	<0.001				
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.002	<0.001				
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001				
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001				

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.002	<0.001	
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.001	<0.002	
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002			<0.001	<0.002	
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005			<0.005	<0.004	
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01			<0.01	<0.004	
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01			<0.01	<0.001	
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003			<0.003	<0.001	
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016			<0.005		
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026			<0.001	<0.001	
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001			<0.001	<0.001	<0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022			<0.001	<0.001	
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002			<0.002	<0.001	
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024			<0.001		0.002
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001		
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001		
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018			<0.001	<0.001	
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
SVOC													
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001		
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01			<0.01		0.0012
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001	<0.001	
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	<0.001	
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022			<0.001	<0.001	

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01		<0.01	<0.001
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001	<0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001	<0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001	<0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001		<0.001	<0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001	<0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001		<0.001	
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001		<0.001	
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001	
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001		<0.001	<0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001	
Herbicides											
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Pesticides											
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001			

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

<0.001

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001			
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001			
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001			
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455			
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005			
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001			
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0			
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002			
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0			
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448		3	
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001			
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001			
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162			
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005			
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH214A	TP202B	TP202C	WS201B	WS201B
									Easting	384430.62	384722.997	384712.277	384735.29	384735.29
									Northing	399360.71	399751.007	399739.124	399787.2	399787.2
									Hole Elevation (mOD)	30.033	42.736	42.618	43.55	43.55
									Sample Depth (mbgl)		0.45	1	0.79	0.79
									Piezometer top (mbgl)	3	N/A	N/A	0.5	0.5
									Piezometer base (mbgl)	4	N/A	N/A	1.3	1.3
									Sample Date	01/06/2021	30/03/21	30/03/21	11/08/21	27/05/2021
									Investigation	NW1604	NW1604	NW1604	NW1604	NW1604
									Response zone	Glacial till	Made ground	Made ground	Made ground	Made ground
										Red Bank Viaduct	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		0.001			0.002071	0.0005
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.0017			0.00179	0.0006
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001			<0.0001	<0.0001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		**0.00024**			**0.000853**	**0.00067**
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		100			110	180
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		<0.00025			<0.00025	0.00034
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		0.0048			0.007221	0.0081
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90						0.015
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		0.00076			0.000124	0.00042
Magnesium		-	mg/l	No GAC	-		53	50.0					9.9	25
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**0.57**			**0.631057**	0.15
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.00001			<0.00001	<0.00001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		0.0028			0.002177	0.0053
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10					9.2	18
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		**0.052**			**0.032081**	<0.00025
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80					120	
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		0.0014			0.002288	<0.0006
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		0.011			**0.056632**	**0.092**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.5			7.5	7.3
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04			<0.04	<0.04
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515		0.0005	0.00061	0.00065		
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827		<0.02	<0.02	<0.02		
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52		<0.02	<0.02	<0.02		
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		24			5.6	32
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		0.34			0.088	**22**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		2.2			4.7	3.3
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0		283				553
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80					312	
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30					0.18	45
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5					<0.1	0.32
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80					150	34
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540					0.01636	0.019
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0					380	600
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01			<0.0001	<0.001		
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1			<0.1	<0.1
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241			<0.002			
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001			<0.0001			
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		<0.001	<0.001	<0.001	<0.001	
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		<0.001	<0.001	<0.001	<0.001	
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		<0.001	<0.001	<0.001	<0.001	

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213		<0.001		<0.001	<0.001	<0.001
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.001		<0.001	<0.001	<0.001
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001			0.13	<0.0001	<0.0001	<0.0001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001			0.1	<0.0001	<0.0001	<0.0001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05		<0.0001		<0.0001	<0.0001	<0.0001
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05						
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690						
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375		<0.001		<0.001	<0.001	<0.001
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445		<0.001		<0.001	<0.001	<0.001
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135		<0.001		<0.001	<0.001	<0.001
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765		<0.001		<0.001	<0.001	<0.001
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.001		<0.001	<0.001	<0.001
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001		<0.0001		<0.0001	<0.0001	<0.0001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001		<0.0001		<0.0001	<0.0001	<0.0001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025		<0.0001		<0.0001	<0.0001	<0.0001
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935		<0.001		<0.001	<0.001	<0.001
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604						<0.001
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006						
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095		<0.001		<0.001	<0.001	<0.001
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1						
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01						
PAH														
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201		<0.00001		0.001126	<0.001	<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077		<0.00001		0.015089	0.00123	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585		<0.00001		**0.019478**	**0.00734**	**0.00002**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025		<0.00001		0.001201	<0.001	<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285		<0.00001		0.064903	0.00334	<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452		<0.00001		0.006666	0.00272	0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925		<0.00001		0.021859	0.00757	<0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111		<0.00005		<0.00005	<0.001	<0.00005
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948		<0.0002				<0.0002
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172				0.359917		<0.00001
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104		<0.00001		<0.00001	<0.001	0.00002
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306		<0.00001		**0.002814**	**0.00103**	<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367		0.00001		0.012339	0.00452	<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386		<0.00001		0.073465	0.00426	<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041		<0.00001		**0.049364**	**0.00633**	<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491		<0.00001		0.054044	0.00882	<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013		<0.00001		0.021665	0.00198	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351		<0.00001		0.015904	0.0039	
BTEX														
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001		<0.001		<0.001	<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002					<0.002	
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001					<0.001	
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001		<0.001		<0.001		<0.001
VOC														
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001	
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001	
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001	
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001	
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					<0.001	
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001	
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					<0.001	
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014					<0.001	
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002					<0.001	
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001	
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001	

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.001
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002	<0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005	<0.004
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01	<0.004
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001	<0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001	
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001	<0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001	<0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01	<0.001
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.001
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016	<0.027
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026	<0.001
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001	<0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022	<0.001
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002	<0.001
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024	<0.001
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001	<0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001	
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018	<0.001
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
SVOC									
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01	<0.001
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022	<0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01	<0.001
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001	<0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001	<0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	
Herbicides									
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Pesticides									
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005		
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005		
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005		
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001		
Other										
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0		
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921		

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455				
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005				
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005				
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0				
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002				
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0				
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448				0.009
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		<0.0001		
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		<0.0001		
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001				
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002				
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162				
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		<0.0001		
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001		<0.0001		
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005				
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001	

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	WS207	WS207	WS210	BH303	BH306
									Easting	384628.92	384628.92	384519.68	384719.84	384520.14
									Northing	399674.79	399674.79	399609.6	399660.22	399490.63
									Hole Elevation (mOD)	41.91	41.91	40.881	42.3	31.45
									Sample Depth (mbgl)	0.27	0.27		10.72	5.03
									Piezometer top (mbgl)	0.9	0.9	1.5	8.5	3.9
									Piezometer base (mbgl)	4.9	4.9	2.6	11	5.6
									Sample Date	10/08/21	26/05/2021	01/06/2021	04/07/22	27/05/22
									Investigation	NW1604	NW1604	NW1604	326R	326R
									Response zone	Made ground	Made ground	Made ground	Alluvium	Alluvium
										Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Plateau	Red Bank Terrace
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		0.000637	0.00056	0.00025	0.003	0.004
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.000716	0.00066	0.00026	**0.116**	0.024
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.0001	<0.0001	<0.0001	<0.001	<0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		**0.000627**	**0.001**	0.0001	<0.0002	<0.0002
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		190	170	82	<1	1070
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		0.000346	0.00037	0.0046	**0.005**	**0.005**
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		0.007768	0.0069	0.0008	**0.061**	0.004
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90						0.806
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		0.000322	0.00076	<0.00009	<0.001	**0.013**
Magnesium		-	mg/l	No GAC	-		53	50.0		24				49
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		0.167887	**0.34**	0.049	0.007	**6.09**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.00001	<0.00001	<0.00001	<0.0001	<0.0001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		0.004524	0.0054	0.0023	<0.002	**0.076**
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10		21				21
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		<0.00025	<0.00025	0.0016	**0.037**	<0.001
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80		28				
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						<0.001
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		<0.0006	<0.0006	<0.0006	**0.217**	<0.001
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		**0.101119**	**0.093**	0.0063	<0.002	**0.39**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.1	7.1	6.5	7.36	7.04
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.04	<0.04	<0.04	**0.027**	**3.509**
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515						
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827						
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52						
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		27	33	21	146	38
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		**16**	**18**	0.12	0.47	**21.8**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		3.9	2.8	3.3	3.2	5.9
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0			532	280	2	2857
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80		572				
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30		12				
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5		<0.5				
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80		30				
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540		0.212521				
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0		640				
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01						<0.001
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.1	<0.1	<0.1	<0.01	<0.01
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965			<0.001	I/S	<0.005	<0.005
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485			<0.001	I/S	<0.005	<0.005
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165			<0.001	I/S	<0.005	<0.005

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213		<0.001	I/S	<0.005	<0.005
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.001	I/S	<0.005	<0.005
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001		<0.0001	I/S	<0.001	<0.001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001		<0.0001	I/S	<0.001	<0.001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05		<0.0001	I/S	<0.005	<0.005
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05					
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690				<0.005	<0.005
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375		<0.001	I/S	<0.005	<0.005
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445		<0.001	I/S	<0.005	<0.005
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135		<0.001	I/S	<0.005	<0.005
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765		<0.001	I/S	<0.01	<0.01
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.001	I/S	<0.005	<0.005
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001		<0.0001	I/S	<0.001	<0.001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001		<0.0001	I/S	<0.001	<0.001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025		<0.0001	I/S	<0.005	<0.005
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935		<0.001	I/S		
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604		<0.001	I/S	<0.01	<0.01
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006				<0.01	<0.01
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095		<0.001	I/S		
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1					
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01					
PAH													
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201		<0.00001	<0.00001	0.00231	0.00005
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077		<0.00001	<0.00001	0.00182	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585		<0.00001	0.00038	0.02689	0.00015
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025		<0.00001	<0.00001	0.00216	0.00003
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285		<0.00001	<0.00001	0.00845	0.00005
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452		<0.00001	0.0003	0.0206	0.00011
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925		<0.00001	0.00083	0.03087	0.00015
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111		<0.00005	<0.00005	0.00137	0.00003
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948		<0.0002	<0.0002	0.171	0.00093
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172		<0.00001	<0.00001		
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104		<0.00001	<0.00001	0.00076	<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306		<0.00001	<0.00001	0.00443	0.00003
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367		<0.00001	<0.00001	0.01469	0.00006
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386		<0.00001	<0.00001	0.00834	0.00005
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041		<0.00001	<0.00001	0.01395	0.00006
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491		<0.00001	<0.00001	0.01411	0.00007
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013		<0.00001	<0.00001	0.00537	0.00003
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351				0.01491	0.00006
BTEX													
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001		<0.001	<0.001	<0.001	<0.001
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001	<0.001	<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001	<0.001	<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002				<0.001	<0.001
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001				<0.001	<0.001
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001		<0.001	<0.001		
VOC													
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					<0.003
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001					<0.001
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003					<0.003
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014					<0.001
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002					<0.002
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001					<0.001

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002			<0.001
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002			<0.001
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005			<0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01			<0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001			<0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01			<0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003			<0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016			<0.005
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026			<0.001
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001		<0.001	<0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022			<0.001
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002			<0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024			<0.001
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001			<0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001			<0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018			<0.001
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
SVOC											
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01			<0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001			<0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022			<0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01	<0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001	<0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	<0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001	<0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001	<0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001
Herbicides									
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002	
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005	
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Pesticides									
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001	

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

<0.001

<0.01

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001			
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001			
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001			
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455			0.035
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005			
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005			
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001			
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0			
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002			
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0			
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448	0.021		
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001			
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001			
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001			<0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001			<0.001
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002			
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162			0.017
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005			
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005			
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001			
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001			

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	BH306	BH310	BH314	BH315	BH315
									Easting	384520.14	384838.09	384439.7	384852.04	384852.04
									Northing	399490.63	399638.18	399502.02	399729.3	399729.3
									Hole Elevation (mOD)	31.45	32.6	40.5	39.26	39.26
									Sample Depth (mbgl)	4.91	4.43	11.1	12	11.44
									Piezometer top (mbgl)	3.9	8	9.5	9	9
									Piezometer base (mbgl)	5.6	16	12	12.5	12.5
									Sample Date	05/07/22	05/07/22	27/05/22	26/05/22	05/07/22
									Investigation	326R	326R	326R	326R	326R
									Response zone	Alluvium	Collyhurst	Glacial till/bedrock	Alluvium	Alluvium
										Red Bank Terrace	St Catherine's Wood	Red Bank Terrace	St Catherine's Wood	St Catherine's Wood
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		0.003	<0.001	<0.001	<0.001	<0.001
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		**0.192**	0.007	0.028	0.01	0.016
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		**0.006**	<0.001	<0.001	<0.001	<0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		**0.0072**	<0.0002	**0.0013**	<0.0002	<0.0002
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		406	70	852	779	476
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		**0.744**	<0.001	**0.035**	<0.001	<0.001
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		**0.844**	0.004	**0.065**	<0.001	<0.004
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90		**19.7**				
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805		**3.61**	0.008	**0.143**	<0.001	<0.001
Magnesium		-	mg/l	No GAC	-		53	50.0		53				
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270		**2.23**	**1.31**	**11.7**	**13.4**	**9.76**
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		**0.098**	0.002	**0.077**	**0.025**	**0.024**
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10		16	<0.0001			
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225		**0.014**	<0.001	0.003	<0.001	<0.001
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80						
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0		0.018				
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		**0.092**	<0.001	0.02	<0.001	<0.001
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		**0.947**	0.024	**0.265**	**0.065**	**0.083**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		6.97	7.5	6.78	7.36	7.18
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		**0.265**	**0.009**	**0.328**	**0.879**	**0.223**
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515		0.26	0.009	0.328	0.879	0.223
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827		**0.005**	<0.005	<0.005	<0.005	<0.005
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52		<0.1	0.1	0.2	0.8	<0.1
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		36	39	53	51	48
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		**0.72**	**1.22**	**49**	**5.04**	**6.88**
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		10.8	<2	9.7	9.5	8
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250						
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0		1215	262	2504	2266	1414
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80						
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30						
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5						
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80						
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540						
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0						
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01		<0.001		<0.001	<0.001	<0.001
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1		<0.01		<0.01	<0.01	<0.01
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		<0.005	0.008	<0.005	<0.005	0.005
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		<0.005	**1.173**	<0.005	<0.005	<0.005
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		<0.005	0.009	<0.005	<0.005	<0.005

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	<0.005	0.039	<0.005	<0.005	0.028
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05	<0.005	<0.005	<0.005	<0.005	<0.005
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.005	<0.005	<0.005	<0.005	0.015
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05					
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690	<0.005		<0.005	<0.005	0.048
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	<0.005	0.027	<0.005	<0.005	0.047
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	<0.005	**0.436**	<0.005	**0.114**	**0.1**
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	<0.005	0.016	<0.005	0.078	0.073
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	<0.01	<0.01	<0.01	<0.01	0.043
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05	<0.005	<0.005	<0.005	<0.005	<0.005
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.001	<0.001	<0.001	0.008	0.003
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	<0.005	<0.005	<0.005	<0.005	0.02
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935					
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604	<0.01	0.479	<0.01	0.2	0.286
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006	<0.01	1.71	<0.01	0.2	0.334
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095					
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1					
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01					
PAH													
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	0.00003	<0.00001	**0.00015**	0.00174	0.00085
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	0.00004	<0.00001	**0.00005**	0.00053	<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	**0.00066**	<0.00001	**0.00065**	**0.00407**	**0.00057**
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	0.00003	<0.00001	0.0001	0.00279	0.00105
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	0.00018	<0.00001	0.00023	0.00258	0.00002
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	0.0004	<0.00001	0.0004	0.00116	0.00015
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	0.00068	0.00002	0.00075	0.0081	0.00099
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	<0.00001	<0.00001	0.0001	0.00072	0.0002
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948	0.00376		0.00424	0.0378	0.00423
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172		0.00002			
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	<0.00001	<0.00001	0.00003	0.0011	0.00009
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	0.00009	<0.00001	0.0001	**0.00063**	0.0001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	0.00031	<0.00001	**0.00031**	0.00204	0.00005
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	0.00017	<0.00001	0.00025	0.00364	0.00003
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	**0.00032**	<0.00001	0.00031	**0.0029**	**0.00003**
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	0.00037	<0.00001	**0.00034**	0.00257	0.00003
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	0.00012	<0.00001	0.00012	0.00079	<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	0.00036	<0.00001	0.00035	0.00243	0.00007
BTEX													
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001	<0.001	<0.001	<0.001	0.008	0.003
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001					
VOC													
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.003		<0.003	<0.003	<0.003
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.003		<0.003	<0.003	<0.003
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014	<0.001		<0.001	<0.001	<0.001
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.002		<0.002	<0.002	<0.002
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001		<0.001	<0.001	<0.001

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003	<0.003	<0.003	<0.003	<0.003	<0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016	<0.005	<0.005	<0.005	<0.005	<0.005
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026	<0.001	<0.001	<0.001	<0.001	<0.001
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022	<0.001	<0.001	<0.001	<0.001	<0.001
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002	<0.002	<0.002	<0.002	<0.002	<0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024	<0.001	<0.001	<0.001	<0.001	<0.001
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018	<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
SVOC													
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022	<0.001	<0.001	<0.001	<0.001	<0.001

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01		<0.01		<0.01	<0.01	<0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001		<0.001		<0.001	<0.001	<0.001
Herbicides														
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005						
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002						
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005						
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005						
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005						
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005						
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Pesticides														
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001						

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005				
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005				
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005				
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001				
Other												
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001				
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001				
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001				
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001				
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0				
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921	13.6			

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001				
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001				
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001				
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455	0.032		0.017	0.014
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005				
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005				
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001				
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0				
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002				
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0				
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448				
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001				
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001				
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001	<0.001			
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002				
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162	<0.001			
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005				
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005				
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001				
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001				

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Hole Ref	BH322	TT301	Surface water 1	Surface water 2	SWS01
Easting	384715.2	384842.09	384744.43	384135.898	384912
Northing	399587.28	399747.44	399556.968	399211.009	399771
Hole Elevation (mOD)	32.49	42.6			
Sample Depth (mbgl)	4.7	2			
Piezometer top (mbgl)	5.4				
Piezometer base (mbgl)	5.8				
Sample Date	44761	44781	27/05/2021	27/05/2021	05-Mar-22
Investigation	326R	326R	NW1604	NW1604	326R
Response zone	Alluvium	Made ground	RIVER	RIVER	RIVER

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	St Catherine's Wood	St Catherine's Wood	Upstream	Downstream	Upstream
Metal													
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005	<0.001	<0.005	0.0012	0.0012	0.002
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382	0.007	0.0054	0.0026	0.0026	0.002
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004	<0.001	<0.005	<0.0001	<0.0001	<0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135	**0.0008**	<0.01	0.00008	0.00007	<0.0002
Calcium		-	mg/l	No GAC	-	<1	1070	844.70	232	915	51	52	33
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211	<0.001	<0.005	0.00042	0.00049	<0.001
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065	0.013	<0.02			<0.01
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90			0.0039	0.004	0.006
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805	0.003	<0.05	**0.27**	**0.3**	
Magnesium		-	mg/l	No GAC	-		53	50.0			0.00082	0.0011	<0.001
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270	**6.44**	**8.62**	**7.3**	**7.2**	
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838	<0.00001	<0.0005	**0.0099**	**0.011**	**0.014**
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746	**0.028**	<0.01	<0.00001	<0.00001	<0.0001
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10			0.0041	0.0041	0.003
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225	<0.001	<0.005	**6**	**6**	
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80			0.00034	0.00033	<0.001
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0			31	31	
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297	<0.001	<0.005	0.0008	0.0009	<0.001
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393	**0.154**	0.0051	0.026	0.029	0.034
Inorganic													
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826	7.27	7.25	7.6	7.6	7.58
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239	**0.017**	**0.005**	<0.04	<0.04	<0.005
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515		0.005			<0.005
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827		**0.005**			<0.005
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52		0.1			0.2
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50	17	1	45	47	49
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80	0.59	**1.35**	0.21	0.25	<0.02
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0	60.1		3	3.2	9.2
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250			158	160	104
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0	666	2636	19	19	
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80			0.15	0.18	
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30			48	49	
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5			0.016	0.013	
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80			130	130	
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540			3.1	2.3	
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0			17	20	
Phenol and mineral oils													
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01					<0.01
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1	<0.01		<0.1	<0.1	
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241					
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001					
TPH													
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965	<0.001	0.227	<0.001	<0.001	<0.05
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485	<0.001	**2.99**	<0.001	<0.001	<0.05
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165	<0.001	2.38	<0.001	0.012	<0.05

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	<0.001		4.09	<0.001		0.052	<0.05	
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.001		<0.001	<0.001		<0.05	
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001	<0.0001							
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.0001	<0.0001		<0.0001	<0.0001		<0.001	
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.0001	<0.0001		<0.0001	<0.0001		<0.05	
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05	<0.01			<0.0001	<0.0001		<0.05	
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690			9.69					
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	0.006		**0.125**	<0.001	<0.001		<0.05	
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	**0.185**		**3.26**	<0.001	<0.001		<0.05	
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135	0.023		**3.28**	<0.001		0.022	<0.05	
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	<0.001		**1.12**	<0.001		0.027	<0.1	
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.001		<0.001	<0.001		<0.05	
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.0001	<0.0001		<0.0001	<0.0001		<0.001	
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.0001	<0.0001		<0.0001	<0.0001		<0.001	
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	<0.0001		0.095	<0.0001	<0.0001		<0.05	
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935								
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604	0.214							
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006	0.214							
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095				<0.001		0.049		
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1							<0.1	
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01								
PAH																
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	0.0009	0.00456		<0.00001		0.00001	<0.00001	
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	<0.00001	<0.00001		<0.00001	<0.00001		<0.00001	
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	**0.00009**	**0.00453**		<0.00001	<0.00001		**0.00002**	
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	0.00006	0.00234		<0.00001	<0.00001		<0.00001	
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	<0.00001	0.00082		<0.00001	<0.00001		<0.00001	
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	0.00013	0.00648		<0.00001	<0.00001		<0.00001	
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	0.00008	0.0114		<0.00001	<0.00001		0.00002	
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	0.00031	<0.00001		<0.00005	<0.00005		<0.00001	
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948	0.00086	0.0462						
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172				<0.0002	<0.0002		0.00004	
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	0.00001	0.00215		<0.00001	<0.00001		<0.00001	
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	0.00004	**0.00353**		0.00002	0.00002		<0.00001	
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	0.00002	0.0025		<0.00001	<0.00001		<0.00001	
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	<0.00001	0.00106		<0.00001	<0.00001		<0.00001	
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	<0.00001	**0.00217**		<0.00001	<0.00001		<0.00001	
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	<0.00001	0.0018		<0.00001	<0.00001		<0.00001	
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	<0.00001	0.00047		<0.00001	<0.00001		<0.00001	
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	0.00003	0.00242		<0.00001	<0.00001		<0.00001	
BTEX																
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001		<0.001						
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001						
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001		<0.001						
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002		<0.001						
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001		<0.001						
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001								
VOC																
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003								
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003								
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014								
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002								
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001								

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Herbicides								
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pesticides								
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	SWS01	SWS01	SWS02	SWS02	SWS02
									Easting	384912	384912	384739	384739	384739
									Northing	399771	399771	399558	399558	399558
									Hole Elevation (mOD)					
									Sample Depth (mbgl)					
									Piezometer top (mbgl)					
									Piezometer base (mbgl)					
									Sample Date	11-Mar-22	18-Mar-22	05-Mar-22	11-Mar-22	18-Mar-22
									Investigation	326R	326R	326R	326R	326R
									Response zone	RIVER	RIVER	RIVER	RIVER	RIVER
										Upstream	Upstream	Central	Central	Central
Metal														
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005		<0.001	0.003	0.001	<0.001	0.003
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382		0.003	0.003	0.002	0.003	0.003
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004		<0.001	<0.001	<0.001	<0.001	<0.001
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135		<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Calcium		-	mg/l	No GAC	-	<1	1070	844.70		71	54	37	69	54
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211		<0.001	0.001	<0.001	<0.001	<0.001
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065		<0.01	<0.01	<0.01	<0.01	<0.01
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90		0.008	0.007	0.005	0.007	0.006
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805						
Magnesium		-	mg/l	No GAC	-		53	50.0		0.002	0.003	<0.001	<0.001	0.003
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270						
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838		**0.097**	**0.081**	**0.004**	**0.082**	**0.084**
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746		<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10		0.004	0.003	0.003	0.004	0.003
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225						
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80		<0.001	<0.001	<0.001	<0.001	<0.001
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0						
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297		<0.001	<0.001	<0.001	<0.001	<0.001
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393		**0.052**	0.036	0.029	**0.047**	**0.055**
Inorganic														
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826		7.42	7.79	7.79	7.44	7.84
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239		<0.005	<0.005	<0.005	<0.005	<0.005
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515		<0.005	<0.005	<0.005	<0.005	<0.005
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827		<0.005	<0.005	<0.005	<0.005	<0.005
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52		0.2	0.3	0.2	0.2	0.3
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50		36	69	51	27	70
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80		0.39	0.14	0.08	0.17	0.15
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0		9.7	11.3	8.5	7.2	10.1
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250		225	173	115	220	175
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0						
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80						
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30						
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5						
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80						
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540						
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0						
Phenol and mineral oils														
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01		<0.01	<0.01	<0.01	<0.01	<0.01
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1						
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241						
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001						
TPH														
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965		<0.05	<0.05	<0.05	<0.05	<0.05
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485		<0.05	<0.05	<0.05	<0.05	<0.05
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165		<0.05	<0.05	<0.05	<0.05	<0.05

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213	<0.05		<0.05		<0.05		0.043	<0.05
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05	<0.05		<0.05		<0.05		0.017	<0.05
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001								
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001	<0.001		<0.001		<0.001	<0.001		<0.001
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05	<0.05		<0.05		<0.05	<0.05		<0.05
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05	<0.05		<0.05		<0.05	<0.05		<0.05
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690								
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375	<0.05		<0.05		<0.05	<0.05		<0.05
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445	<0.05		<0.05		<0.05	<0.05		<0.05
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135		0.005	<0.05		<0.05		0.009	<0.05
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765	<0.1		<0.1		<0.1	<0.1		<0.1
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05	<0.05		<0.05		<0.05	<0.05		<0.05
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001	<0.001		<0.001		<0.001	<0.001		<0.001
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001	<0.001		<0.001		<0.001	<0.001		<0.001
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025	<0.05		<0.05		<0.05	<0.05		<0.05
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935								
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604								
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006								
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095								
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1	<0.1		<0.1		<0.1		0.069	<0.1
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01								
PAH																
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201	0.00002		<0.00001		0.00001	0.00002		<0.00001
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585	<0.00001		<0.00001		**0.00002**	<0.00001		<0.00001
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452	<0.00001		<0.00001		0.00001	<0.00001		<0.00001
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925	<0.00001		<0.00001		0.00003	<0.00001		<0.00001
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111	0.00002		<0.00001		<0.00001	0.00001		<0.00001
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948								
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172	0.00004		<0.00001		0.00007	0.00003		<0.00001
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351	<0.00001		<0.00001		<0.00001	<0.00001		<0.00001
BTEX																
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001								
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001								
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001								
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002								
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001								
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001								
VOC																
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003								
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001								
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003								
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014								
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002								
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001								
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001								

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Herbicides								
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pesticides								
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001

Concentration exceeds GAC	**100.00**
Limit of Detection value exceeds GAC	<0.1

Contaminant Name	GAC	GAC Source	Units	Total > LOD	Total > GAC	Min	Max	95th %ile	Hole Ref	Easting	Northing	Hole Elevation (mOD)	Sample Depth (mbgl)	Piezometer top (mbgl)	Piezometer base (mbgl)	Sample Date	Investigation	Response zone
									SWS03	384445	399337					05-Mar-22	326R	RIVER
									SWS03	384445	399337					11-Mar-22	326R	RIVER
									SWS03	384445	399337					18-Mar-22	326R	RIVER
									Downstream	Downstream	Downstream							
Metal																		
Antimony	0.005	DWS	mg/l	41 of 63	3	0.000042	0.010497	0.005	0.001	0.001	0.003							
Arsenic	0.05	EQS	mg/l	61 of 63	3	0.00026	0.192	0.0382	0.002	0.003	0.003							
Beryllium	0.004	USEPA	mg/l	8 of 63	1	<0.0001	0.006	0.004	<0.001	<0.001	<0.001							
Cadmium	0.00015	EQS*	mg/l	33 of 63	28	<0.00003	0.0205	0.01135	<0.0002	<0.0002	<0.0002							
Calcium		-	mg/l	No GAC	-	<1	1070	844.70	37	62	56							
Chromium	0.0047	EQS	mg/l	32 of 63	10	0.00011	0.744	0.0211	<0.001	<0.001	<0.001							
Copper	0.03375	MBAT	mg/l	39 of 61	6	0.00014	0.844	0.065	<0.01	<0.01	<0.01							
Iron (dissolved)	1	EQS	mg/l	21 of 21	4	0.0039	19.7	5.90	0.008	0.011	0.007							
Lead	0.00958	MBAT	mg/l	40 of 54	13	<0.00009	3.61	0.2805										
Magnesium		-	mg/l	No GAC	-		53	50.0	<0.001	0.01	0.003							
Manganese	0.226	MBAT	mg/l	54 of 54	46	0.007	16.1	13.270										
Mercury	0.001	DWS	mg/l	17 of 63	11	<0.00001	0.167	0.0838	**0.014**	**0.103**	**0.167**							
Nickel	0.01607	MBAT	mg/l	49 of 63	18	<0.00001	0.098	0.0746	<0.0001	<0.0001	<0.0001							
Potassium		-	mg/l	No GAC	-	<0.0001	21	20.10	0.004	0.004	0.003							
Selenium	0.01	DWS	mg/l	32 of 54	7	<0.00025	6	0.04225										
Sodium	200	EUDWS	mg/l	15 of 24	0	0.00033	120	95.80	<0.001	<0.001	<0.001							
Titanium (dissolved)			mg/l	No GAC	-	<0.001	31	31.0										
Vanadium	0.02	EQS*	mg/l	22 of 63	5	<0.0006	0.217	0.0297	<0.001	<0.001	<0.001							
Zinc	0.03728	MBAT	mg/l	58 of 63	30	<0.0006	2.594	1.393	0.023	**0.082**	**0.062**							
Inorganic																		
pH	<6 - >9	EQS*	pH Units	No GAC	-	6.5	8.04	7.826	7.83	7.06	7.95							
Cyanide	0.001	EQS	mg/l	20 of 63	20	<0.005	5.246	0.8239	<0.005	<0.005	<0.005							
Complex Cyanide		EQS	mg/l	No GAC	-	<0.0001	5.112	2.515	<0.005	<0.005	<0.005							
Cyanide (free) (w)	0.001	EQS	mg/l	8 of 30	8	<0.005	0.26	0.0827	<0.005	<0.005	<0.005							
Thiocyanate		EQS	mg/l	No GAC	-	<0.02	0.8	0.52	0.2	0.2	0.3							
Chloride	250	EQS*	mg/l	63 of 63	2	1	320	90.50	51	33	71							
Ammoniacal Nitrogen as N	0.6	EQS	mg/l	59 of 63	24	<0.015	49	17.80	0.07	0.29	0.19							
DOC (w)		-	mg/l	No GAC	-	<2	60.1	17.0	8.9	7.7	11							
BOD (settled, 5 day)			mg/l	No GAC	-	1.7	225	222.250	114	197	181							
Hardness Total		-	mg/l CaCO3	No GAC	-	2	2857	2624.0										
Total hardness		-	mg/l	No GAC	-	0.15	589	578.80										
Nitrate (w)	50	DWS	mg/l	11 of 15	0	<0.1	49	48.30										
Nitrite (w)	0.5	DWS	mg/l	4 of 15	0	0.013	<0.5	0.5										
Sulphate (w)	400	EQS*	mg/l	17 of 17	0	30	325	317.80										
Sulphide		-	mg/l	No GAC	-	0.01636	3.1	2.540										
Total Alkalinity as CaCO3		-	mg/l	No GAC	-	17	640	614.0										
Phenol and mineral oils																		
Phenol	0.0077	EQS	mg/l	1 of 23	0	<0.0001	<0.01	0.01	<0.01	<0.01	<0.01							
Phenol (Monohydric)	0.0077	EQS	mg/l	0 of 49	0	<0.01	<0.1	0.1										
Phenols, Total			mg/l	No GAC	-	<0.0001	0.028	0.0241										
Cresols		-	mg/l	No GAC	-	<0.0001	<0.0001	0.0001										
TPH																		
Ali >C10-C12 (w)	0.3	WHO	mg/l	5 of 53	2	<0.001	38	0.12965	<0.05	<0.05	<0.05							
Ali >C12-C16 (w)	0.3	WHO	mg/l	5 of 53	4	<0.001	81.8	1.485	<0.05	<0.05	<0.05							
Ali >C16-C21 (w)		-	mg/l	No GAC	-	<0.001	54	0.56165	<0.05	<0.05	<0.05							

Ali >C21-C35 (w)		-	mg/l	No GAC	-	<0.001	56.9	0.7213		<0.05			0.018	<0.05	
Ali >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	2.01	0.05		<0.05		<0.05		<0.05	
Ali >C5-C6 (w)	15	WHO	mg/l	1 of 41	0	<0.0001	0.13	0.001							
Ali >C6-C8 (w)	15	WHO	mg/l	2 of 53	0	<0.0001	0.1	0.001		<0.001		<0.001		<0.001	
Ali >C8-C10 (w)	0.3	WHO	mg/l	3 of 53	2	<0.0001	21.4	0.05		<0.05		<0.05		<0.05	
Aliphatics >C5-35		-	mg/l	No GAC	-	<0.0001	<0.05	0.05		<0.05		<0.05		<0.05	
Total Aliphatics (w)		-	mg/l	No GAC	-	<0.005	254	9.690							
Aro >C10-C12 (w)	0.09	WHO	mg/l	6 of 53	3	<0.001	21.3	0.08375		<0.05		<0.05		<0.05	
Aro >C12-C16 (w)	0.09	WHO	mg/l	10 of 53	7	<0.001	48.1	0.99445		<0.05		<0.05		<0.05	
Aro >C16-C21 (w)	0.09	WHO	mg/l	16 of 53	3	<0.001	29	0.42135			0.006		0.006	<0.05	
Aro >C21-C35 (w)	0.09	WHO	mg/l	7 of 53	3	<0.001	12.4	0.1765		<0.1		<0.1		<0.1	
Aro >C35-C44 (w)		-	mg/l	No GAC	-	<0.001	<0.05	0.05		<0.05		<0.05		<0.05	
Aro >C5-C7 (w)	0.01	WHO	mg/l	2 of 53	0	<0.0001	0.008	0.001		<0.001		<0.001		<0.001	
Aro >C7-C8 (w)	0.7	WHO	mg/l	0 of 53	0	<0.0001	<0.001	0.001		<0.001		<0.001		<0.001	
Aro >C8-C10 (w)	0.3	WHO	mg/l	6 of 53	1	<0.0001	9	0.07025		<0.05		<0.05		<0.05	
Aromatics >C10-44			mg/l	No GAC	-	<0.001	0.082	0.02935							
Total Aromatics (w)		-	mg/l	No GAC	-	<0.001	120	2.604							
TPH (Ali & Aro >C5-C44) (w)		-	mg/l	No GAC	-	<0.01	374	9.006							
Total Aliphatics and Aromatics C10-C44			mg/l	No GAC	-	<0.001	0.12	0.08095							
Total Aliphatics and Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.1	0.1		<0.1			0.024	<0.1	
Total Aromatics C5-C35			mg/l	No GAC	-	<0.01	<0.01	0.01							
PAH															
Acenaphthene	2	USEPA	mg/l	29 of 53	0	<0.00001	0.00456	0.00201		0.00001		0.00002		<0.00001	
Dibenz-a-h-anthracene		-	mg/l	No GAC	-	<0.00001	0.015089	0.00077		<0.00001		<0.00001		<0.00001	
Fluoranthene	6.30E-06	EQS	mg/l	32 of 54	32	<0.00001	0.02689	0.00585		**0.00002**		<0.00001		<0.00001	
Fluorene		-	mg/l	No GAC	-	<0.00001	0.00566	0.0025		<0.00001		<0.00001		<0.00001	
Indeno(1,2,3-cd)pyrene		-	mg/l	No GAC	-	<0.00001	0.064903	0.00285		<0.00001		<0.00001		<0.00001	
Phenanthrene		-	mg/l	No GAC	-	<0.00001	0.0206	0.00452		0.00001		<0.00001		<0.00001	
Pyrene		-	mg/l	No GAC	-	<0.00001	0.03087	0.00925		0.00002		0.00001		<0.00001	
Naphthalene (w)	0.002	EQS	mg/l	18 of 54	1	<0.00001	0.013	0.00111		0.00001		0.00001		<0.00001	
Total PAH 16MS (w)		-	mg/l	No GAC	-	<0.00001	0.171	0.03948							
Pah,Total		-	mg/l	No GAC	-	<0.00001	0.359917	0.00172		0.00007		0.00004		<0.00001	
Acenaphthylene		-	mg/l	No GAC	-	<0.00001	0.00215	0.00104		<0.00001		<0.00001		<0.00001	
Anthracene	0.0001	EQS	mg/l	22 of 54	9	<0.00001	0.00443	0.00306		<0.00001		<0.00001		<0.00001	
Benzo(a)anthracene		-	mg/l	No GAC	-	<0.00001	0.01469	0.00367		<0.00001		<0.00001		<0.00001	
Benzo (g,h,i) perylene		-	mg/l	No GAC	-	<0.00001	0.073465	0.00386		<0.00001		<0.00001		<0.00001	
Benzo(a)pyrene	1.7E-07	EQS	mg/l	20 of 54	20	<0.00001	0.049364	0.0041		<0.00001		<0.00001		<0.00001	
Benzo(b)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.054044	0.00491		<0.00001		<0.00001		<0.00001	
Benzo(k)fluoranthene		-	mg/l	No GAC	-	<0.00001	0.021665	0.0013		<0.00001		<0.00001		<0.00001	
Chrysene		-	mg/l	No GAC	-	<0.00001	0.015904	0.00351		<0.00001		<0.00001		<0.00001	
BTEX															
BTEX - Benzene (w)	0.01	EQS	mg/l	2 of 41	0	<0.001	0.008	0.001							
BTEX - Toluene (w)	0.074	EQS	mg/l	0 of 41	0	<0.001	<0.001	0.001							
BTEX - Ethyl Benzene (w)	0.02	EQS*	mg/l	0 of 41	0	<0.001	<0.001	0.001							
BTEX - m & p Xylene (w)	0.03	EQS*	mg/l	2 of 26	0	<0.001	0.003	0.002							
BTEX - o Xylene (w)	0.03	EQS*	mg/l	0 of 26	0	<0.001	<0.001	0.001							
Xylene	0.03	EQS*	mg/l	0 of 17	0	<0.001	<0.001	0.001							
VOC															
1,1,1,2-Tetrachloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001							
1,1,1-Trichloroethane	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001							
1,1,2,2-Tetrachloroethane	0.14	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001							
1,1,2-Trichloroethane	0.4	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001							
1,1-Dichloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001							
1,1-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001							
1,1-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001							
1,2,3 Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003							
1,2,3-Trichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001							
1,2,4-Trichlorobenzene	0.0004	EQS	mg/l	0 of 13	0	<0.001	<0.003	0.003							
1,2,4-Trimethylbenzene			mg/l	No GAC	-	<0.001	0.002	0.0014							
1,2-Dibromo-3-Chloropropane	0.001	WHO	mg/l	0 of 13	0	<0.001	<0.002	0.002							
1,2-Dibromoethane	0.0004	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001							
1,2-Dichlorobenzene	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001							

1,2-Dichloroethane	0.01	EQS	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,2-Dichloropropane	0.04	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
1,3,5-Trimethylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
1,3-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.002	0.002
1,3-Dichloropropane			mg/l	No GAC	-	<0.001	<0.001	0.001
1,4-Dichlorobenzene	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,2-Dichloropropane			mg/l	No GAC	-	<0.001	<0.002	0.002
2-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Isopropyltoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Bromochloromethane			mg/l	No GAC	-	<0.004	<0.005	0.005
Bromodichloromethane	0.06	WHO	mg/l	0 of 13	0	<0.004	<0.01	0.01
Bromoform	0.1	WHO	mg/l	0 of 11	0	<0.001	<0.001	0.001
Bromomethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Disulphide			mg/l	No GAC	-	<0.001	<0.001	0.001
Carbon Tetrachloride	0.012	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Chlorobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Chloroethene	0.0005	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Chloroform	0.0025	EQS	mg/l	1 of 13	0	<0.001	<0.001	0.001
Chloromethane			mg/l	No GAC	-	<0.001	<0.01	0.01
Dibromochloromethane	0.1	WHO	mg/l	0 of 13	0	<0.001	<0.003	0.003
Dibromomethane	0.02	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dichlorodifluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
Dichloromethane	0.02	EQS	mg/l	0 of 11	0	<0.005	<0.027	0.016
Hexachlorobutadiene	0.0006	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
Isopropylbenzene			mg/l	No GAC	-	<0.001	0.005	0.0026
MTBE (w)	0.015	WHO	mg/l	0 of 22	0	<0.001	<0.001	0.001
Sec-Butylbenzene			mg/l	No GAC	-	<0.001	0.004	0.0022
Styrene	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Tert-Butylbenzene			mg/l	No GAC	-	<0.001	<0.002	0.002
Tetrachloroethene	0.01	DWS	mg/l	2 of 13	0	<0.001	0.003	0.0024
Trichloroethene	0.01	DWS	mg/l	0 of 11	0	<0.001	<0.001	0.001
Trichlorofluoromethane			mg/l	No GAC	-	<0.001	<0.001	0.001
cis 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
cis 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 10	0	<0.001	<0.001	0.001
n-Butylbenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
n-propylbenzene			mg/l	No GAC	-	<0.001	0.003	0.0018
trans 1,2-Dichloroethene	0.05	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
trans 1,3-Dichloropropene	0.02	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
SVOC								
2,4,5-Trichlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,4,6-Trichlorophenol	0.2	WHO	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dichlorophenol	0.0042	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dimethylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,4-Dinitrotoluene	0.1	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
2,6-Dinitrotoluene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chloronaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Chlorophenol	0.05	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Methylnaphthalene			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Methylphenol	0.1	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
2-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Bromophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chloro-3-Methylphenol	0.04	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
4-Nitrophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethoxy)methane			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroethyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl)phthalate	0.0013	EQS	mg/l	1 of 13	0	<0.001	<0.01	0.01
Butylbenzyl phthalate	0.0075	EQS	mg/l	0 of 13	0	<0.001	<0.001	0.001
Carbazole			mg/l	No GAC	-	<0.001	<0.001	0.001
Di-N-Butyl Phthalate	0.008	EQS*	mg/l	1 of 13	0	<0.001	0.004	0.0022

Di-N-Octyl Phthalate	0.02	EQS*	mg/l	0 of 13	0	<0.001	<0.01	0.01
Dibenzofuran			mg/l	No GAC	-	<0.001	<0.001	0.001
Diethyl phthalate	0.2	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Dimethyl phthalate	0.8	EQS*	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachlorobenzene	0.001	USEPA	mg/l	0 of 15	0	<0.0001	<0.001	0.001
Hexachlorocyclopentadiene	0.05	USEPA	mg/l	0 of 13	0	<0.001	<0.001	0.001
Hexachloroethane	0.04	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Isophorone	7	USEPA	mg/l	0 of 10	0	<0.001	<0.001	0.001
Nitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
PCP; (Pentachlorophenol) (w)	0.0004	EQS	mg/l	0 of 15	0	<0.00002	<0.001	0.001
n-Nitroso-n-dipropylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Herbicides								
Ametryne (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atraton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Atrazine (w)	0.0006	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Prometryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Propazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simazine (w)	0.001	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Simetryn (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Terbuthylazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,3,6-TBA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-T (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4,5-TP; (Fenoprop); (Silvex) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-D (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
2,4-DP; (Dichlorprop)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
4-CPA (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Benazolin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bentazone (w)	0.5	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromoxynil (w)	0.1	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Clopyralid (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Dicamba (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diclofop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Flamprop-isopropyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Ioxynil (w)	0.01	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPA (w)	0.012	EQS*	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPB (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
MCPP; (Mecoprop) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Picloram (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Triclopyr (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Bromacil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Carbetamide (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorbufam (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpropham (w)	0.01	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlortoluron (w)	0.002	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Cyanazine (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Diuron (w)	0.0002	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Isoproturon (w)	0.0003	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Linuron (w)	0.0005	EQS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Monuron (w)	0.0001	DWS	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Pirimicarb (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propham (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cyfluthrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Cypermethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Deltamethrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenvalerate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pesticides								
Aldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorothalonil (w)	0.000035	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001

Dichlobenil (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dieldrin (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan I (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan II (Beta) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endosulphan Sulphate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Endrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor (w)	0	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Heptachlor epoxide (w)	0.00003	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Isodrin (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pendimethalin (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Permethrin II (trans) (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Quintozene (PCNB) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Tecnazene (w)	0.001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triadimefon (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triallate (w)	0.00025	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Trifluralin (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
alpha-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
beta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
cis-Chlordane (Alpha) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
delta-Hexachlorocyclohexane (HCH) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
gamma-Hexachlorocyclohexane (HCH / L	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDD (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDE (2,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-DDT (2,4) (w)	0.000025	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
o,p-Methoxychlor (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDE (4,4) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
p,p-DDT (4,4) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
trans-Chlordane (Gamma) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-ethyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Azinphos-methyl (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Carbophenothion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorfenvinphos (w)	0.0001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos (w)	0.00003	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Chlorpyrifos-methyl (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Coumaphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Diazinon (Dimpylate) (w)	0.00001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dichlorvos (w)	0.000001	EQS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Dimethoate (w)	0.00048	EQS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Disulfoton (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Ethion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenitrothion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Fenthion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Malathion (w)	0.00001	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Methyl Parathion (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Mevinphos (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0005	<0.0005	0.0005
Parathion (Ethyl Parathion) (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phorate (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Phosalone (w)	0.0001	DWS	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Pirimiphos-methyl (w)	0.000015	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Propetamphos (w)	0.00003	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Triazophos (w)	0.000005	EQS*	mg/l	0 of 2	0	<0.0001	<0.0001	0.0001
Other								
2,3,4,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2,3,5,6-Tetrachlorophenol			mg/l	No GAC	-	<0.001	<0.001	0.001
2-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
3+4-Methylphenol			mg/l	No GAC	-	<0.001	<0.001	0.001
3-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Chlorophenyl Phenyl Ether			mg/l	No GAC	-	<0.001	<0.001	0.001
4-Nitroaniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Aliphatics >C10-44			mg/l	No GAC	-	<0.001	<0.001	0.001
Alkalinity (total) (w) Colorimetry			mg/l CaCO3	No GAC	-	294	294	294.0
Aluminium (dissolved)	15	EQS*	mg/l	1 of 2	0	<0.01	13.6	12.921

Aniline			mg/l	No GAC	-	<0.001	<0.001	0.001
Azobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Benzyl Alcohol			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-chloroisopropyl)ether			mg/l	No GAC	-	<0.001	<0.001	0.001
Bis(2-ethylhexyl) adipate			mg/l	No GAC	-	<0.001	<0.001	0.001
Cobalt (dissolved)	3	EQS*	mg/l	4 of 4	0	0.014	0.035	0.03455
Cyhalothrin-lambda (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Demeton-S (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Diflubenzuron (w)	0.001	EQS*	mg/l	0 of 2	0	<0.00005	<0.00005	0.00005
Diphenylamine			mg/l	No GAC	-	<0.001	<0.001	0.001
Ecoli (Faecal Coliforms) (w)	0	EUDWS	cfu/100ml	0 of 1	0	<1	<1	1.0
Endrin Aldehyde (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Endrin Ketone (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fensulphothion (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Fluroxypyr (w)			mg/l	No GAC	-	<0.00002	<0.00002	0.00002
Intestinal Enterococci (Faecal Streptococci/Faecal Enterococci)			cfu/100ml	No GAC	-	5	5	5.0
Iron (Soluble)			mg/l	No GAC	-	0.0066	3	2.448
M-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Methabenzthiazuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Monolinuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Naphthalene1-methyl-			mg/l	No GAC	-	<0.001	<0.001	0.001
Naphthols (2-Naphthalenesulfonic acid, 1-hydroxy-)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
P-Dinitrobenzene			mg/l	No GAC	-	<0.001	<0.001	0.001
Perylene			mg/l	No GAC	-	<0.001	<0.001	0.001
Resorcinol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Silver (dissolved)	0.05	EQS*	mg/l	0 of 2	0	<0.001	<0.001	0.001
Telodrin (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Terbutryn (w)	0.065	EQS	mg/l	0 of 2	0	<0.00002	<0.00002	0.00002
Tin (dissolved)	25	EQS*	mg/l	1 of 2	0	<0.001	0.017	0.0162
Trichloronate (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Trimethylphenol			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Xylenols & Ethylphenols			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Chloroxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Demeton-O (w)			mg/l	No GAC	-	<0.0005	<0.0005	0.0005
Dimefuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Ethiofencarb (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Metoxuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Pencycuron (w)			mg/l	No GAC	-	<0.00005	<0.00005	0.00005
Permethrin I (cis) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Phenmedipham (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
Prothiofos (Tokuthion) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-DDD (4,4) (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
p,p-Methoxychlor (w)			mg/l	No GAC	-	<0.0001	<0.0001	0.0001
cis1,3-Dichloropropene			mg/l	No GAC	-	<0.001	<0.001	0.001

Appendix D - Hazardous waste assessment

ARUP

HazWasteOnline™

Waste Classification Report

HazWasteOnline™ classifies waste as either **hazardous** or **non-hazardous** based on its chemical composition, related legislation and the rules and data defined in the current UK or EU technical guidance (Appendix C) (note that HP 9 Infectious is not assessed). It is the responsibility of the classifier named below to:

a) understand the origin of the waste
b) select the correct List of Waste code(s)
c) confirm that the list of determinands, results and sampling plan are fit for purpose
d) select and justify the chosen metal species (Appendix B)
e) correctly apply moisture correction and other available corrections
f) add the meta data for their user-defined substances (Appendix A)
g) check that the classification engine is suitable with respect to the national destination of the waste (Appendix C)

To aid the reviewer, the laboratory results, assumptions and justifications managed by the classifier are highlighted in pale yellow.

05IDW-X2YFB-MJ761

Job name

Victoria North GIR Phase 3

Description/Comments

Project

Victoria North

Site

Classified by

Name:
Tom Hartley
Company:
Ove Arup
Date:
01 Aug 2022 14:00 GMT
Telephone:

HazWasteOnline™ provides a two day, hazardous waste classification course that covers the use of the software and both basic and advanced waste classification techniques. Certification has to be renewed every 3 years.

HazWasteOnline™ Certification: -

Course	Date
Hazardous Waste Classification	18 Jun 2019
Most recent 3 year Refresher	02 Aug 2022 *

* training course booked

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH311	5	Non Hazardous		6
2	BH312	1	Non Hazardous		9
3	BH314	7.5	Hazardous	HP 7	12
4	BH315	0.5	Non Hazardous		15
5	01_BH101	4.8	Non Hazardous		18
6	01_BH101[2]	0.8	Hazardous	HP 3(i), HP 7, HP 11	20
7	01_BH102	3.5	Hazardous	HP 3(i), HP 7, HP 11	23
8	01_BH102[2]	0.3	Non Hazardous		26
9	01_BH103	3.2	Non Hazardous		29
10	01_BH103[2]	0.3	Non Hazardous		31
11	01_BH103[3]	1	Hazardous	HP 3(i), HP 7, HP 11	34
12	01_BH103[4]	4.8	Non Hazardous		36
13	01_BH104	4.7	Non Hazardous		38
14	01_BH104[2]	9.7	Non Hazardous		40
15	01_BH104[3]	0.7	Non Hazardous		43
16	01_BH105	3.3	Non Hazardous		45
17	01_BH105[2]	0.7	Non Hazardous		48
18	01_BH106	7.6	Non Hazardous		50
19	01_BH106[2]	0.3	Non Hazardous		52
20	01_BH106[3]	3.3	Non Hazardous		55
21	01_BH107	2	Non Hazardous		58
22	01_BH109	1.2	Non Hazardous		60
23	01_BH110	3	Hazardous	HP 7	63
24	01_BH110[2]	0.3	Non Hazardous		66
25	01_BH112	3.3	Non Hazardous		69
26	01_BH112[2]	0.3	Non Hazardous		71
27	01_TP101	0.3	Non Hazardous		73
28	01_TP102	1.2	Non Hazardous		75
29	01_TP102[2]	0.3	Non Hazardous		77

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
30	01_TP103	1.8	Non Hazardous		80
31	01_TP103[2]	1	Non Hazardous		82
32	01_TP104	0.3	Non Hazardous		84
33	01_TP105	0.3	Non Hazardous		86
34	01_TP105[2]	1.3	Non Hazardous		88
35	01_TP106	0.4	Non Hazardous		91
36	01_TP106[2]	2.8	Non Hazardous		94
37	01_TP107	1.2	Non Hazardous		96
38	01_TP108	0.3	Non Hazardous		98
39	01_TP109	0.3	Hazardous	HP 7	101
40	01_TP109[2]	1.3	Non Hazardous		104
41	01_TP109[3]	3.3	Non Hazardous		106
42	01_TP110	1.3	Non Hazardous		108
43	01_TP111	2.5	Non Hazardous		110
44	01_TP111[2]	0.3	Non Hazardous		112
45	01_TP112	0.3	Non Hazardous		114
46	01_TP112[2]	2.3	Non Hazardous		116
47	01_TP115	0.3	Non Hazardous		118
48	01_TP115[2]	1.3	Non Hazardous		120
49	01_TP115[3]	3.3	Non Hazardous		122
50	01_TP119	3	Non Hazardous		124
51	01_TP119[2]	0.2	Non Hazardous		126
52	01_TP120	1	Non Hazardous		129
53	01_TP120[2]	0.3	Hazardous	HP 7	131
54	01_TP121	0.3	Non Hazardous		134
55	01_TP121[2]	2.3	Non Hazardous		136
56	01_TP122	0.3	Non Hazardous		138
57	01_TP124	3.2	Non Hazardous		140
58	01_TP124[2]	0.3	Hazardous	HP 7, HP 10, HP 14	142
59	01_TP125	0.3	Non Hazardous		145
60	01_TP126	0.3	Non Hazardous		147
61	01_TP126[2]	2.2	Non Hazardous		150
62	01_TP127	0.3	Non Hazardous		152
63	01_WS101	0.3	Non Hazardous		155
64	01_WS102	1	Non Hazardous		157
65	01_WS103	1	Non Hazardous		160
66	01_WS104	1	Non Hazardous		163
67	01_WS105	0.3	Non Hazardous		166
68	01_WS106	1	Non Hazardous		168
69	BAL01		Non Hazardous		171
70	BAL02		Non Hazardous		174
71	BAL03		Non Hazardous		177
72	BH301	1	Non Hazardous		180
73	BH301[2]	9.2	Non Hazardous		183
74	BH301C	1.7	Non Hazardous		184
75	BH301D	2	Non Hazardous		187
76	BH301D[2]	2.9	Non Hazardous		188
77	BH302	12	Non Hazardous		191
78	BH302[2]	2	Non Hazardous		194
79	BH303	0.5	Non Hazardous		195
80	BH303[2]	7.5	Non Hazardous		198
81	BH304	5	Non Hazardous		199
82	BH304[2]	0.5	Non Hazardous		202
83	BH304[3]	1	Non Hazardous		205
84	BH304[4]	14	Non Hazardous		206
85	BH304[5]	13	Non Hazardous		207
86	BH305	0.5	Non Hazardous		210
87	BH305[2]	1	Non Hazardous		211
88	BH306	0.5	Hazardous	HP 3(i), HP 7, HP 11, HP 14	214
89	BH306[2]	1	Hazardous	HP 3(i), HP 7, HP 11	217
90	BH307	1	Non Hazardous		218
91	BH308	0.5	Non Hazardous		221
92	BH308[2]	1	Hazardous	HP 7	222
93	BH309	0.5	Non Hazardous		225
94	BH309[2]	1	Non Hazardous		226
95	BH310	5.2	Non Hazardous		229

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
96	BH310[2]	3.4	Non Hazardous		232
97	BH310[3]	2.5	Non Hazardous		233
98	BH313	0.5	Non Hazardous		234
99	BH313[2]	1	Non Hazardous		237
100	BH320	4.35	Non Hazardous		238
101	BH320[2]	6	Non Hazardous		239
102	BH322	1	Non Hazardous		242
103	BH323	0.3	Non Hazardous		243
104	BH323[2]	0.5	Hazardous	HP 3(i), HP 7, HP 11	244
105	BH324	5	Non Hazardous		247
106	BH324[2]	1	Non Hazardous		248
107	BH326	1.4	Non Hazardous		251
108	BH326[2]	3.4	Non Hazardous		254
109	BH327	2.4	Non Hazardous		255
110	BH327[2]	7.4	Hazardous	HP 7	256
111	BH328	1.4	Non Hazardous		259
112	BH328[2]	2.4	Non Hazardous		260
113	GEO_BH201	0.3	Non Hazardous		263
114	GEO_BH202	2.2	Non Hazardous		265
115	GEO_BH202[2]	1.2	Non Hazardous		267
116	GEO_BH203	11.7	Hazardous	HP 14	270
117	GEO_BH203[2]	0.5	Non Hazardous		272
118	GEO_BH203[3]	1.2	Non Hazardous		274
119	GEO_BH203[4]	6.2	Non Hazardous		275
120	GEO_BH204	1.2	Non Hazardous		278
121	GEO_BH205	1.8	Non Hazardous		280
122	GEO_BH205[2]	2.8	Non Hazardous		282
123	GEO_BH206	3.2	Non Hazardous		284
124	GEO_BH206[2]	1.2	Non Hazardous		286
125	GEO_BH207	1.2	Non Hazardous		288
126	GEO_BH207[2]	2.2	Non Hazardous		290
127	GEO_BH207[3]	5.2	Non Hazardous		291
128	GEO_BH207[4]	10.2	Non Hazardous		293
129	GEO_BH207[5]	13.2	Non Hazardous		295
130	GEO_BH208	0.3	Non Hazardous		297
131	GEO_BH208[2]	4.2	Non Hazardous		299
132	GEO_BH208[3]	8.2	Non Hazardous		301
133	GEO_BH209	1.2	Non Hazardous		303
134	GEO_BH209[2]	2.5	Non Hazardous		305
135	GEO_BH210	4.2	Non Hazardous		307
136	GEO_BH210[2]	1.2	Non Hazardous		309
137	GEO_BH211A	2.2	Non Hazardous		312
138	GEO_BH211A[2]	5.2	Non Hazardous		315
139	GEO_BH211A[3]	9	Non Hazardous		317
140	GEO_BH211A[4]	10.5	Non Hazardous		319
141	GEO_BH212	0.4	Non Hazardous		322
142	GEO_BH212[2]	2.2	Non Hazardous		325
143	GEO_BH212A	0.6	Non Hazardous		327
144	GEO_BH213	1.2	Hazardous	HP 3(i), HP 7, HP 11	330
145	GEO_BH214	1.1	Non Hazardous		333
146	GEO_BH214A	2.2	Non Hazardous		336
147	GEO_BH215	2.2	Non Hazardous		339
148	GEO_BH215[2]	1.1	Non Hazardous		341
149	GEO_TP201	2	Non Hazardous		343
150	GEO_TP201[2]	0.3	Non Hazardous		345
151	GEO_TP202	0.3	Non Hazardous		347
152	GEO_TP202C	0.3	Non Hazardous		350
153	GEO_TP203	1	Non Hazardous		353
154	GEO_TP203[2]	2	Non Hazardous		355
155	GEO_TP203[3]	4	Non Hazardous		357
156	GEO_TP204	3	Non Hazardous		359
157	GEO_TP205	1	Non Hazardous		362
158	GEO_TP205[2]	2	Non Hazardous		363
159	GEO_TP206	0.3	Non Hazardous		365
160	GEO_TP206A	2	Non Hazardous		368
161	GEO_TP207	1	Non Hazardous		371

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
162	GEO_TP208	2	Non Hazardous		373
163	GEO_TP208[2]	4	Non Hazardous		375
164	GEO_TP209	1	Non Hazardous		377
165	GEO_TP210	3	Non Hazardous		380
166	GEO_TP210[2]	0.3	Non Hazardous		382
167	GEO_TP210[3]	1	Non Hazardous		385
168	GEO_TP211	3.1	Non Hazardous		387
169	GEO_TP211[2]	1	Non Hazardous		389
170	GEO_TP211[3]	0.3	Non Hazardous		390
171	GEO_TP212	0.3	Non Hazardous		392
172	GEO_TP212[2]	1	Non Hazardous		393
173	GEO_TP212[3]	3	Non Hazardous		396
174	GEO_TP213	2	Non Hazardous		398
175	GEO_TP213[2]	4	Non Hazardous		401
176	GEO_TP213[3]	0.3	Non Hazardous		404
177	GEO_TP214	1	Non Hazardous		406
178	GEO_TP214[2]	3	Non Hazardous		408
179	GEO_TP215	2	Non Hazardous		410
180	GEO_TP216	1	Non Hazardous		412
181	GEO_TP216[2]	3	Non Hazardous		414
182	GEO_TP217	3	Non Hazardous		416
183	GEO_TP217[2]	1	Non Hazardous		418
184	GEO_TP218	2	Non Hazardous		420
185	GEO_TP219	3.7	Non Hazardous		422
186	GEO_TP219[2]	1	Non Hazardous		424
187	GEO_WS201	1	Non Hazardous		426
188	GEO_WS202	5	Non Hazardous		428
189	GEO_WS202[2]	0.3	Non Hazardous		430
190	GEO_WS202[3]	0.5	Non Hazardous		431
191	GEO_WS202[4]	2	Non Hazardous		433
192	GEO_WS204	1	Non Hazardous		435
193	GEO_WS204[2]	3	Non Hazardous		436
194	GEO_WS205	0.2	Non Hazardous		438
195	GEO_WS205[2]	2	Hazardous	HP 7	440
196	GEO_WS205[3]	3	Non Hazardous		443
197	GEO_WS206	4	Non Hazardous		444
198	GEO_WS206[2]	1	Non Hazardous		446
199	GEO_WS206[3]	2	Non Hazardous		448
200	GEO_WS207	1	Non Hazardous		449
201	GEO_WS207[2]	3	Non Hazardous		451
202	GEO_WS207[3]	5	Non Hazardous		453
203	GEO_WS208	2	Non Hazardous		455
204	GEO_WS209	2	Non Hazardous		458
205	GEO_WS209[2]	3	Non Hazardous		460
206	GEO_WS209[3]	0.3	Hazardous	HP 3(i), HP 7, HP 11	462
207	GEO_WS210	0.3	Non Hazardous		465
208	GEO_WS210[2]	0.7	Non Hazardous		466
209	GEO_WS211	4	Non Hazardous		468
210	GEO_WS211[2]	5	Non Hazardous		470
211	GEO_WS212	0.2	Non Hazardous		472
212	GEO_WS212[2]	0.6	Non Hazardous		475
213	GEO_WS212[3]	4	Non Hazardous		476
214	GEO_WS213A	1	Non Hazardous		478
215	GEO_WS213A[2]	2	Non Hazardous		480
216	GEO_WS214	2	Non Hazardous		482
217	OP01	0.1	Non Hazardous		484
218	OP03	0.1	Non Hazardous		487
219	SoilSamp02		Non Hazardous		490
220	SoilSamp04		Non Hazardous		492
221	SoilSamp05		Non Hazardous		494
222	SoilSamp07		Non Hazardous		496
223	SoilSamp09		Non Hazardous		498
224	SoilSamp10		Non Hazardous		500
225	SoilSamp11		Non Hazardous		502
226	TP304	1.2	Non Hazardous		504
227	TP304[2]	2.45	Non Hazardous		507

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
228	TP305	1	Non Hazardous		508
229	TP305[2]	2	Non Hazardous		509
230	TP305[3]	3	Non Hazardous		510
231	TP306	0.5	Non Hazardous		513
232	TP307	2	Non Hazardous		516
233	TP308	1	Non Hazardous		519
234	TP309	1	Non Hazardous		521
235	TP310	1	Non Hazardous		523
236	TT301	1.2	Non Hazardous		525
237	TT301[2]	2.45	Hazardous	HP 3(i), HP 7, HP 11	526
238	TT302	0.3	Hazardous	HP 3(i), HP 7, HP 11	529
239	TT302[2]	0.8	Hazardous	HP 3(i), HP 7, HP 11	532
240	TT303	0.35	Hazardous	HP 3(i), HP 7, HP 10, HP 11, HP 14	533

Related documents

#	Name	Description
1	Victoria North	waste stream template used to create this Job

Report

Created by: Tom Hartley

Created date: 01 Aug 2022 14:00 GMT

Appendices	Page
Appendix A: Classifier defined and non EU CLP determinands	536
Appendix B: Rationale for selection of metal species	537
Appendix C: Version	538

Classification of sample: BH311

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH311
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3 mg/kg		3 mg/kg	0.0003 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		0.9 mg/kg	1.462	1.315 mg/kg	0.000132 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				19	mg/kg	1.252	23.784	mg/kg	0.00238 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	14	mg/kg		14	mg/kg	0.0014 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
27		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
28		pyrene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
			204-927-3	129-00-0									
29		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		TPH (C6 to C40) petroleum group				10	mg/kg		10	mg/kg	0.001 %		
				TPH									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				49	mg/kg	1.245	60.991	mg/kg	0.0061 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				25	mg/kg	2.27	56.75	mg/kg	0.00568 %		
		024-017-00-8											
										Total:	0.0257 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.001%)

Classification of sample: BH312

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH312
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.03	mg/kg		0.03	mg/kg	0.000003 %		
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
3		anthracene		204-371-1	120-12-7		0.08	mg/kg		0.08	mg/kg	0.000008 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5	mg/kg		5	mg/kg	0.0005 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11	mg/kg		11	mg/kg	0.0011 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		0.24	mg/kg		0.24	mg/kg	0.000024 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.27	mg/kg		0.27	mg/kg	0.000027 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.34	mg/kg		0.34	mg/kg	0.000034 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.35	mg/kg		0.35	mg/kg	0.000035 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<LOD
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.2	mg/kg		1.2	mg/kg	0.00012 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		1.2	mg/kg	1.462	1.754	mg/kg	0.000175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				45	mg/kg	1.252	56.33	mg/kg	0.00563 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			205-912-4	206-44-0									
21		fluorene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	160	mg/kg		160	mg/kg	0.016 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		nickel { nickel }			7	13	mg/kg		13	mg/kg	0.0013 %		
		028-002-00-7	231-111-4	7440-02-0									
26		phenanthrene				0.33	mg/kg		0.33	mg/kg	0.000033 %		
			201-581-5	85-01-8									
27		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
28		pyrene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			204-927-3	129-00-0									
29		selenium { selenium }				2	mg/kg		2	mg/kg	0.0002 %		
		034-001-00-2	231-957-4	7782-49-2									
30		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
31		TPH (C6 to C40) petroleum group				84	mg/kg		84	mg/kg	0.0084 %		
				TPH									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				165	mg/kg	1.245	205.378	mg/kg	0.0205 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				12	mg/kg	2.27	27.24	mg/kg	0.00272 %		
		024-017-00-8											
										Total:	0.0611 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0084%)

Classification of sample: BH314

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
BH314
Sample Depth:
7.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.225%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.26	mg/kg		0.26	mg/kg	0.000026 %		
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.41	mg/kg		0.41	mg/kg	0.000041 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	18	mg/kg		18	mg/kg	0.0018 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15	mg/kg		15	mg/kg	0.0015 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.14	mg/kg		0.14	mg/kg	0.000014 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.38	mg/kg		0.38	mg/kg	0.000038 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.31	mg/kg		0.31	mg/kg	0.000031 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.26	mg/kg		0.26	mg/kg	0.000026 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3	mg/kg		1.3	mg/kg	0.00013 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	1.8	mg/kg		1.8	mg/kg	0.00018 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		1.8	mg/kg	1.462	2.631	mg/kg	0.000263 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.43	mg/kg		0.43	mg/kg	0.000043 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		144	mg/kg	1.252	180.256	mg/kg	0.018 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.07	mg/kg		1.07	mg/kg	0.000107 %		
21		fluorene		201-695-5	86-73-7		0.23	mg/kg		0.23	mg/kg	0.000023 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	2250	mg/kg		2250	mg/kg	0.225 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.12	mg/kg		1.12	mg/kg	0.000112 %		
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	34	mg/kg		34	mg/kg	0.0034 %		
26		phenanthrene		201-581-5	85-01-8		1.41	mg/kg		1.41	mg/kg	0.000141 %		
27		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
28		pyrene		204-927-3	129-00-0		1.07	mg/kg		1.07	mg/kg	0.000107 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		2	mg/kg		2	mg/kg	0.0002 %		
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		TPH (C6 to C40) petroleum group			TPH		233	mg/kg		233	mg/kg	0.0233 %		
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		111	mg/kg	1.245	138.163	mg/kg	0.0138 %		
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				24	mg/kg	2.27	54.48	mg/kg	0.00545 %		
											Total:	0.301 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0233%)

Classification of sample: BH315

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH315
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.02 mg/kg		0.02 mg/kg	0.000002 %		
2	acenaphthylene		205-917-1	208-96-8		0.18 mg/kg		0.18 mg/kg	0.000018 %		
3	anthracene		204-371-1	120-12-7		0.16 mg/kg		0.16 mg/kg	0.000016 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3 mg/kg		3 mg/kg	0.0003 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		1.15 mg/kg		1.15 mg/kg	0.000115 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.56 mg/kg		0.56 mg/kg	0.000056 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.88 mg/kg		0.88 mg/kg	0.000088 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.65 mg/kg		0.65 mg/kg	0.000065 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		0.5 mg/kg	1.462	0.731 mg/kg	0.0000731 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.69	mg/kg		0.69	mg/kg	0.000069 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27	mg/kg	1.252	33.798	mg/kg	0.00338 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.13	mg/kg		0.13	mg/kg	0.000013 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.56	mg/kg		0.56	mg/kg	0.000056 %		
21		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.77	mg/kg		0.77	mg/kg	0.000077 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	155	mg/kg		155	mg/kg	0.0155 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
25		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15	mg/kg		15	mg/kg	0.0015 %		
26		phenanthrene		201-581-5	85-01-8		0.42	mg/kg		0.42	mg/kg	0.000042 %		
27		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
28		pyrene		204-927-3	129-00-0		1.57	mg/kg		1.57	mg/kg	0.000157 %		
29		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
30		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
31		TPH (C6 to C40) petroleum group			TPH		153	mg/kg		153	mg/kg	0.0153 %		
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		51	mg/kg	1.245	63.48	mg/kg	0.00635 %		
34		manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7		295	mg/kg	2.749	810.826	mg/kg	0.0811 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				12	mg/kg	2.27	27.24	mg/kg	0.00272 %		
											Total:	0.131 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0153%)

Classification of sample: 01_BH101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH101
Sample Depth:
4.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5 mg/kg		9.5 mg/kg	0.00095 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				28	mg/kg	1.252	35.05	mg/kg	0.0035 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	53	mg/kg		53	mg/kg	0.0053 %		
		082-001-00-6											
24		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				61	mg/kg	1.245	75.928	mg/kg	0.00759 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0285 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH101[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:
01_BH101[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.8 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.117%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.117%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.117%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.17 mg/kg		0.17 mg/kg	0.000017 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.2 mg/kg		5.2 mg/kg	0.00052 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.18	mg/kg		0.18	mg/kg	0.000018 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.49	mg/kg		0.49	mg/kg	0.000049 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.26	mg/kg		0.26	mg/kg	0.000026 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.46	mg/kg		0.46	mg/kg	0.000046 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.2	mg/kg		0.2	mg/kg	0.00002 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6	mg/kg	5.719	3.432	mg/kg	0.000343 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9	mg/kg		0.9	mg/kg	0.00009 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		5.7	mg/kg	1.462	8.331	mg/kg	0.000833 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.72	mg/kg		0.72	mg/kg	0.000072 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		50	mg/kg	1.252	62.589	mg/kg	0.00626 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<**LOD**
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		3.3	mg/kg		3.3	mg/kg	0.00033 %		
21		fluorene		201-695-5	86-73-7		0.13	mg/kg		0.13	mg/kg	0.000013 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.14	mg/kg		0.14	mg/kg	0.000014 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	38	mg/kg		38	mg/kg	0.0038 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.16	mg/kg		0.16	mg/kg	0.000016 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.17	mg/kg		0.17	mg/kg	0.000017 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7.9	mg/kg		7.9	mg/kg	0.00079 %		
27		phenanthrene		201-581-5	85-01-8		0.72	mg/kg		0.72	mg/kg	0.000072 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		2.5	mg/kg		2.5	mg/kg	0.00025 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				1165.4	mg/kg		1165.4	mg/kg	0.117 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				46	mg/kg	1.245	57.257	mg/kg	0.00573 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.139 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH102

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH102	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
3		anthracene		204-371-1	120-12-7		0.08 mg/kg		0.08 mg/kg	0.000008 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.3 mg/kg		9.3 mg/kg	0.00093 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.04	mg/kg		0.04	mg/kg	0.000004 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8	mg/kg		0.8	mg/kg	0.00008 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5	mg/kg	5.719	2.86	mg/kg	0.000286 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2	mg/kg		0.2	mg/kg	0.00002 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.08	mg/kg		0.08	mg/kg	0.000008 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27	mg/kg	1.252	33.798	mg/kg	0.00338 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.17	mg/kg		0.17	mg/kg	0.000017 %		
21		fluorene		201-695-5	86-73-7		0.13	mg/kg		0.13	mg/kg	0.000013 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	91	mg/kg		91	mg/kg	0.0091 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.17	mg/kg		0.17	mg/kg	0.000017 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	19	mg/kg		19	mg/kg	0.0019 %		
27		phenanthrene		201-581-5	85-01-8		0.28	mg/kg		0.28	mg/kg	0.000028 %		
28		monohydric phenols			P1186		0.9	mg/kg		0.9	mg/kg	0.00009 %		
29		pyrene		204-927-3	129-00-0		0.19	mg/kg		0.19	mg/kg	0.000019 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				1133.2	mg/kg		1133.2	mg/kg	0.113 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.147 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH102[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH102[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.65 mg/kg		0.65 mg/kg	0.000065 %		
2	acenaphthylene		205-917-1	208-96-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
3	anthracene		204-371-1	120-12-7		0.96 mg/kg		0.96 mg/kg	0.000096 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.6 mg/kg		7.6 mg/kg	0.00076 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.94 mg/kg		0.94 mg/kg	0.000094 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.1 mg/kg		2.1 mg/kg	0.00021 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.4 mg/kg		2.4 mg/kg	0.00024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.4 mg/kg		2.4 mg/kg	0.00024 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				2	mg/kg		2	mg/kg	0.0002 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				140	mg/kg	1.252	175.249	mg/kg	0.0175 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		**<LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				6.4	mg/kg		6.4	mg/kg	0.00064 %		
			205-912-4	206-44-0									
21		fluorene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	530	mg/kg		530	mg/kg	0.053 %		
		082-001-00-6											
24		mercury { mercury }				0.44	mg/kg		0.44	mg/kg	0.000044 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2.3	mg/kg		2.3	mg/kg	0.00023 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
				P1186									
29		pyrene				5.6	mg/kg		5.6	mg/kg	0.00056 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				466.7	mg/kg		466.7	mg/kg	0.0467 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				500	mg/kg	1.245	622.357	mg/kg	0.0622 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
		024-017-00-8											
										Total:	0.198 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0467%)

Classification of sample: 01_BH103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH103	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3	mg/kg		1.3	mg/kg	0.00013 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.1	mg/kg		6.1	mg/kg	0.00061 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.06	mg/kg		0.06	mg/kg	0.000006 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.04	mg/kg		0.04	mg/kg	0.000004 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.06	mg/kg		0.06	mg/kg	0.000006 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2	mg/kg	5.719	6.863	mg/kg	0.000686 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2	mg/kg		0.2	mg/kg	0.00002 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.06	mg/kg		0.06	mg/kg	0.000006 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		46	mg/kg	1.252	57.582	mg/kg	0.00576 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.17	mg/kg		0.17	mg/kg	0.000017 %		
21		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	28	mg/kg		28	mg/kg	0.0028 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22	mg/kg		22	mg/kg	0.0022 %		
27		phenanthrene		201-581-5	85-01-8		0.2	mg/kg		0.2	mg/kg	0.00002 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		0.16	mg/kg		0.16	mg/kg	0.000016 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		99	mg/kg	1.245	123.227	mg/kg	0.0123 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0318 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH103[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH103[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.3 mg/kg		0.3 mg/kg	0.00003 %		
2	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
3	anthracene		204-371-1	120-12-7		0.44 mg/kg		0.44 mg/kg	0.000044 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5 mg/kg		5 mg/kg	0.0005 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5 mg/kg		9.5 mg/kg	0.00095 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.29 mg/kg		0.29 mg/kg	0.000029 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.2 mg/kg		0.2 mg/kg	0.00002 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2.3 mg/kg	5.719	13.154 mg/kg	0.00132 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.35	mg/kg		0.35	mg/kg	0.000035 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		100	mg/kg	1.252	125.178	mg/kg	0.0125 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.1	mg/kg		1.1	mg/kg	0.00011 %		
21		fluorene		201-695-5	86-73-7		0.52	mg/kg		0.52	mg/kg	0.000052 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.09	mg/kg		0.09	mg/kg	0.000009 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	230	mg/kg		230	mg/kg	0.023 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.29	mg/kg		0.29	mg/kg	0.000029 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.62	mg/kg		0.62	mg/kg	0.000062 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
27		phenanthrene		201-581-5	85-01-8		1.4	mg/kg		1.4	mg/kg	0.00014 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1	mg/kg		1	mg/kg	0.0001 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		459.8	mg/kg		459.8	mg/kg	0.046 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		300	mg/kg	1.245	373.414	mg/kg	0.0373 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.131 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.046%)

Classification of sample: 01_BH103[3]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH103[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.17%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.17%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.17%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
5		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
6		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.8 mg/kg		0.8 mg/kg	0.00008 %		
7		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
8		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		140 mg/kg	1.252	175.249 mg/kg	0.0175 %		
9		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6 mg/kg	1.884	1.13 mg/kg	0.000113 %		
10		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
11		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	210 mg/kg		210 mg/kg	0.021 %		
12		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.26 mg/kg		0.26 mg/kg	0.000026 %		
13		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	20 mg/kg		20 mg/kg	0.002 %		
14		monohydric phenols			P1186		0.4 mg/kg		0.4 mg/kg	0.00004 %		
15		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		**<LOD**
16		toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
17		TPH (C6 to C40) petroleum group			TPH		1700 mg/kg		1700 mg/kg	0.17 %		
18		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		24 mg/kg	1.785	42.844 mg/kg	0.00428 %		
19		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		250 mg/kg	1.245	311.178 mg/kg	0.0311 %		
									Total:	0.251 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH103[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH103[4]
Sample Depth:
4.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				9.1	mg/kg	1.252	11.391	mg/kg	0.00114 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13	mg/kg		13	mg/kg	0.0013 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				69	mg/kg	1.245	85.885	mg/kg	0.00859 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0251 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH104
Sample Depth:
4.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.2 mg/kg		8.2 mg/kg	0.00082 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				33	mg/kg	1.252	41.309	mg/kg	0.00413 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	42	mg/kg		42	mg/kg	0.0042 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	24	mg/kg		24	mg/kg	0.0024 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				79	mg/kg	1.245	98.332	mg/kg	0.00983 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0301 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH104[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH104[2]
Sample Depth:
9.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.06 mg/kg		0.06 mg/kg	0.000006 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.1 mg/kg		0.1 mg/kg	0.00001 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.8 mg/kg		1.8 mg/kg	0.00018 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.11 mg/kg		0.11 mg/kg	0.000011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.24 mg/kg		0.24 mg/kg	0.000024 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.21 mg/kg		0.21 mg/kg	0.000021 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.24 mg/kg		0.24 mg/kg	0.000024 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1 mg/kg		2.1 mg/kg	0.00021 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				100	mg/kg	1.252	125.178	mg/kg	0.0125 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				2.4	mg/kg	1.884	4.522	mg/kg	0.000452 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.57	mg/kg		0.57	mg/kg	0.000057 %		
			205-912-4	206-44-0									
21		fluorene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	75	mg/kg		75	mg/kg	0.0075 %		
		082-001-00-6											
24		mercury { mercury }				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	53	mg/kg		53	mg/kg	0.0053 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.56	mg/kg		0.56	mg/kg	0.000056 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.64	mg/kg		0.64	mg/kg	0.000064 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				14	mg/kg		14	mg/kg	0.0014 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	60.696	mg/kg	0.00607 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0551 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0014%)

Classification of sample: 01_BH104[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH104[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.7 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.9	mg/kg		5.9	mg/kg	0.00059 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23	mg/kg		23	mg/kg	0.0023 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.05	mg/kg		0.05	mg/kg	0.000005 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.8	mg/kg		2.8	mg/kg	0.00028 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4	mg/kg	5.719	8.007	mg/kg	0.000801 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6	mg/kg		0.6	mg/kg	0.00006 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.07	mg/kg		0.07	mg/kg	0.000007 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.11	mg/kg		0.11	mg/kg	0.000011 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	180	mg/kg		180	mg/kg	0.018 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45	mg/kg		0.45	mg/kg	0.000045 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	48	mg/kg		48	mg/kg	0.0048 %		
27		phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.12	mg/kg		0.12	mg/kg	0.000012 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		66	mg/kg	1.785	117.822	mg/kg	0.0118 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0977 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH105

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH105
Sample Depth:
3.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1	mg/kg		1.1	mg/kg	0.00011 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10	mg/kg		10	mg/kg	0.001 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8	mg/kg	5.719	4.575	mg/kg	0.000458 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18	mg/kg	1.252	22.532	mg/kg	0.00225 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12	mg/kg		12	mg/kg	0.0012 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	18	mg/kg		18	mg/kg	0.0018 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		17	mg/kg		17	mg/kg	0.0017 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.023 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0017%)

Classification of sample: 01_BH105[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH105[2]
Sample Depth:
0.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.05 mg/kg		0.05 mg/kg	0.000005 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				31	mg/kg	1.252	38.805	mg/kg	0.00388 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26	mg/kg		26	mg/kg	0.0026 %		
		082-001-00-6											
24		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	27	mg/kg		27	mg/kg	0.0027 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0319 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH106
Sample Depth:
7.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2.3 mg/kg	5.719	13.154 mg/kg	0.00132 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				26	mg/kg	1.252	32.546	mg/kg	0.00325 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				1.1	mg/kg	1.884	2.072	mg/kg	0.000207 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	45	mg/kg		45	mg/kg	0.0045 %		
		082-001-00-6											
24		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	12	mg/kg		12	mg/kg	0.0012 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				50	mg/kg	1.245	62.236	mg/kg	0.00622 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0241 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH106[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH106[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	21 mg/kg		21 mg/kg	0.0021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.16 mg/kg		0.16 mg/kg	0.000016 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.28 mg/kg		0.28 mg/kg	0.000028 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.25 mg/kg		0.25 mg/kg	0.000025 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.43 mg/kg		0.43 mg/kg	0.000043 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				210	mg/kg	1.252	262.873	mg/kg	0.0263 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	370	mg/kg		370	mg/kg	0.037 %		
		082-001-00-6											
24		mercury { mercury }				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.21	mg/kg		0.21	mg/kg	0.000021 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1	mg/kg		1	mg/kg	0.0001 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				48	mg/kg		48	mg/kg	0.0048 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	92.83	mg/kg	0.00928 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				340	mg/kg	1.245	423.203	mg/kg	0.0423 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.134 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0048%)

Classification of sample: 01_BH106[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH106[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.08	mg/kg		0.08	mg/kg	0.000008 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.8	mg/kg		7.8	mg/kg	0.00078 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28	mg/kg		28	mg/kg	0.0028 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16	mg/kg		0.16	mg/kg	0.000016 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.11	mg/kg		0.11	mg/kg	0.000011 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.16	mg/kg		0.16	mg/kg	0.000016 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6	mg/kg		1.6	mg/kg	0.00016 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3	mg/kg	5.719	7.435	mg/kg	0.000743 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5	mg/kg		0.5	mg/kg	0.00005 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27	mg/kg	1.462	39.462	mg/kg	0.00395 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.15	mg/kg		0.15	mg/kg	0.000015 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		180	mg/kg	1.252	225.32	mg/kg	0.0225 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.4	mg/kg		0.4	mg/kg	0.00004 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	210	mg/kg		210	mg/kg	0.021 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.37	mg/kg		0.37	mg/kg	0.000037 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	34	mg/kg		34	mg/kg	0.0034 %		
27		phenanthrene		201-581-5	85-01-8		0.36	mg/kg		0.36	mg/kg	0.000036 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.38	mg/kg		0.38	mg/kg	0.000038 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		19.1	mg/kg		19.1	mg/kg	0.00191 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.086 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00191%)

Classification of sample: 01_BH107

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH107
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		9 mg/kg	0.0009 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				25	mg/kg	1.252	31.294	mg/kg	0.00313 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18	mg/kg		18	mg/kg	0.0018 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				57	mg/kg	1.245	70.949	mg/kg	0.00709 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0259 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH109

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH109
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.16 mg/kg		0.16 mg/kg	0.000016 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.7 mg/kg		6.7 mg/kg	0.00067 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.3 mg/kg		0.3 mg/kg	0.00003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.5 mg/kg	5.719	8.579 mg/kg	0.000858 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				19	mg/kg	1.252	23.784	mg/kg	0.00238 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.94	mg/kg		0.94	mg/kg	0.000094 %		
			205-912-4	206-44-0									
21		fluorene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	77	mg/kg		77	mg/kg	0.0077 %		
		082-001-00-6											
24		mercury { mercury }				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	11	mg/kg		11	mg/kg	0.0011 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1	mg/kg		1	mg/kg	0.0001 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.92	mg/kg		0.92	mg/kg	0.000092 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				128.1	mg/kg		128.1	mg/kg	0.0128 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				74	mg/kg	1.245	92.109	mg/kg	0.00921 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.042 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0128%)

Classification of sample: 01_BH110

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH110	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.19%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.48 mg/kg		0.48 mg/kg	0.000048 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.37 mg/kg		0.37 mg/kg	0.000037 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.1 mg/kg		7.1 mg/kg	0.00071 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.42 mg/kg		0.42 mg/kg	0.000042 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.36 mg/kg		0.36 mg/kg	0.000036 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.5 mg/kg		0.5 mg/kg	0.00005 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	0.2 mg/kg		0.2 mg/kg	0.00002 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.47	mg/kg		0.47	mg/kg	0.000047 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		22	mg/kg	1.252	27.539	mg/kg	0.00275 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
21		fluorene		201-695-5	86-73-7		0.28	mg/kg		0.28	mg/kg	0.000028 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1900	mg/kg		1900	mg/kg	0.19 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.1	mg/kg		0.1	mg/kg	0.00001 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.43	mg/kg		0.43	mg/kg	0.000043 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	11	mg/kg		11	mg/kg	0.0011 %		
27		phenanthrene		201-581-5	85-01-8		1.6	mg/kg		1.6	mg/kg	0.00016 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		74	mg/kg	1.245	92.109	mg/kg	0.00921 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.211 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH110[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH110[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.48 mg/kg		0.48 mg/kg	0.000048 %		
2	acenaphthylene		205-917-1	208-96-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
3	anthracene		204-371-1	120-12-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.1 mg/kg		2.1 mg/kg	0.00021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		2.7 mg/kg		2.7 mg/kg	0.00027 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.8 mg/kg		2.8 mg/kg	0.00028 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		3.9 mg/kg		3.9 mg/kg	0.00039 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		4.5 mg/kg		4.5 mg/kg	0.00045 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				3	mg/kg		3	mg/kg	0.0003 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				46	mg/kg	1.252	57.582	mg/kg	0.00576 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				6.7	mg/kg		6.7	mg/kg	0.00067 %		
			205-912-4	206-44-0									
21		fluorene				0.37	mg/kg		0.37	mg/kg	0.000037 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	37	mg/kg		37	mg/kg	0.0037 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				6.1	mg/kg		6.1	mg/kg	0.00061 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				518	mg/kg		518	mg/kg	0.0518 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				91	mg/kg	1.245	113.269	mg/kg	0.0113 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0908 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0518%)

Classification of sample: 01_BH112

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_BH112	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.5	mg/kg		4.5	mg/kg	0.00045 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4	mg/kg		0.4	mg/kg	0.00004 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7	mg/kg	5.719	4.003	mg/kg	0.0004 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		8.9	mg/kg	1.252	11.141	mg/kg	0.00111 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	66	mg/kg		66	mg/kg	0.0066 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12	mg/kg		12	mg/kg	0.0012 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		36	mg/kg	1.245	44.81	mg/kg	0.00448 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0198 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_BH112[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_BH112[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		**<LOD**
3	anthracene		204-371-1	120-12-7		0.1 mg/kg		0.1 mg/kg	0.00001 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.1 mg/kg		5.1 mg/kg	0.00051 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.5 mg/kg		8.5 mg/kg	0.00085 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.3 mg/kg		0.3 mg/kg	0.00003 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.35 mg/kg		0.35 mg/kg	0.000035 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.44 mg/kg		0.44 mg/kg	0.000044 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.54 mg/kg		0.54 mg/kg	0.000054 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.41	mg/kg		0.41	mg/kg	0.000041 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		40	mg/kg	1.252	50.071	mg/kg	0.00501 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.89	mg/kg		0.89	mg/kg	0.000089 %		
21		fluorene		201-695-5	86-73-7		0.03	mg/kg		0.03	mg/kg	0.000003 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.25	mg/kg		0.25	mg/kg	0.000025 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	300	mg/kg		300	mg/kg	0.03 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.16	mg/kg		0.16	mg/kg	0.000016 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12	mg/kg		12	mg/kg	0.0012 %		
27		phenanthrene		201-581-5	85-01-8		0.41	mg/kg		0.41	mg/kg	0.000041 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.89	mg/kg		0.89	mg/kg	0.000089 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		95	mg/kg	1.245	118.248	mg/kg	0.0118 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0571 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP101	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		0.04	mg/kg		0.04	mg/kg	0.000004 %		
3		anthracene		204-371-1	120-12-7		0.2	mg/kg		0.2	mg/kg	0.00002 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3	mg/kg		1.3	mg/kg	0.00013 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.8	mg/kg		6.8	mg/kg	0.00068 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.06	mg/kg		0.06	mg/kg	0.000006 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08	mg/kg		0.08	mg/kg	0.000008 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13	mg/kg		0.13	mg/kg	0.000013 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1	mg/kg		1	mg/kg	0.0001 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1	mg/kg	5.719	5.719	mg/kg	0.000572 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21	mg/kg	1.462	30.693	mg/kg	0.00307 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.12	mg/kg		0.12	mg/kg	0.000012 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		71	mg/kg	1.252	88.876	mg/kg	0.00889 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.28	mg/kg		0.28	mg/kg	0.000028 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.06	mg/kg		0.06	mg/kg	0.000006 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	26	mg/kg		26	mg/kg	0.0026 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22	mg/kg		22	mg/kg	0.0022 %		
27		phenanthrene		201-581-5	85-01-8		0.12	mg/kg		0.12	mg/kg	0.000012 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		0.28	mg/kg		0.28	mg/kg	0.000028 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		95	mg/kg	1.245	118.248	mg/kg	0.0118 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0362 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP102

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP102
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10 mg/kg		10 mg/kg	0.001 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		46	mg/kg	1.252	57.582	mg/kg	0.00576 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	17	mg/kg		17	mg/kg	0.0017 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	30	mg/kg		30	mg/kg	0.003 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		89	mg/kg	1.245	110.78	mg/kg	0.0111 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0334 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP102[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP102[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
3		anthracene		204-371-1	120-12-7		0.22	mg/kg		0.22	mg/kg	0.000022 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.1	mg/kg		6.1	mg/kg	0.00061 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.15	mg/kg		0.15	mg/kg	0.000015 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.19	mg/kg		0.19	mg/kg	0.000019 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.2	mg/kg		0.2	mg/kg	0.00002 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6	mg/kg	5.719	3.432	mg/kg	0.000343 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14	mg/kg	1.462	20.462	mg/kg	0.00205 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.21	mg/kg		0.21	mg/kg	0.000021 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		21	mg/kg	1.252	26.287	mg/kg	0.00263 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.46	mg/kg		0.46	mg/kg	0.000046 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	17	mg/kg		17	mg/kg	0.0017 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	10	mg/kg		10	mg/kg	0.001 %		
27		phenanthrene		201-581-5	85-01-8		0.11	mg/kg		0.11	mg/kg	0.000011 %		
28		monohydric phenols			P1186		0.5	mg/kg		0.5	mg/kg	0.00005 %		
29		pyrene		204-927-3	129-00-0		0.45	mg/kg		0.45	mg/kg	0.000045 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		79	mg/kg		79	mg/kg	0.0079 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		59	mg/kg	1.245	73.438	mg/kg	0.00734 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.027 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0079%)

Classification of sample: 01_TP103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP103
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.1 mg/kg		8.1 mg/kg	0.00081 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				27	mg/kg	1.252	33.798	mg/kg	0.00338 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13	mg/kg		13	mg/kg	0.0013 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0254 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP103[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP103[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.1 mg/kg		4.1 mg/kg	0.00041 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.7 mg/kg	1.462	12.716 mg/kg	0.00127 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				35	mg/kg	1.252	43.812	mg/kg	0.00438 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20	mg/kg		20	mg/kg	0.002 %		
		082-001-00-6											
24		mercury { mercury }				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	12	mg/kg		12	mg/kg	0.0012 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				67	mg/kg	1.245	83.396	mg/kg	0.00834 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0211 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP104
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.8 mg/kg		3.8 mg/kg	0.00038 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		48 mg/kg	1.462	70.155 mg/kg	0.00702 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150 mg/kg	1.252	187.766 mg/kg	0.0188 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	210 mg/kg		210 mg/kg	0.021 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.34 mg/kg		0.34 mg/kg	0.000034 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
14		nickel { nickel }			7	32	mg/kg		32	mg/kg	0.0032 %		
		028-002-00-7	231-111-4	7440-02-0									
15		monohydric phenols				0.8	mg/kg		0.8	mg/kg	0.00008 %		
				P1186									
16		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
17		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		TPH (C6 to C40) petroleum group				640	mg/kg		640	mg/kg	0.064 %		
				TPH									
19		vanadium { divanadium pentaoxide; vanadium pentoxide }				160	mg/kg	1.785	285.63	mg/kg	0.0286 %		
		023-001-00-8	215-239-8	1314-62-1									
20		zinc { zinc oxide }				180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
		030-013-00-7	215-222-5	1314-13-2									
21		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.169 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.064%)

Classification of sample: 01_TP105

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP105
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		94 mg/kg	1.252	117.667 mg/kg	0.0118 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				8.1 mg/kg	1.884	15.26 mg/kg	0.00153 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	240 mg/kg		240 mg/kg	0.024 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.9 mg/kg		0.9 mg/kg	0.00009 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
14		nickel { nickel }			7	27	mg/kg		27	mg/kg	0.0027 %		
		028-002-00-7	231-111-4	7440-02-0									
15		monohydric phenols				0.7	mg/kg		0.7	mg/kg	0.00007 %		
				P1186									
16		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
17		toluene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
18		TPH (C6 to C40) petroleum group				272.3	mg/kg		272.3	mg/kg	0.0272 %		
				TPH									
19		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
20		zinc { zinc oxide }				170	mg/kg	1.245	211.601	mg/kg	0.0212 %		
		030-013-00-7	215-222-5	1314-13-2									
21		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.101 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0272%)

Classification of sample: 01_TP105[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP105[2]
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		0.7 mg/kg		0.7 mg/kg	0.00007 %		
3	anthracene		204-371-1	120-12-7		0.51 mg/kg		0.51 mg/kg	0.000051 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		2.3 mg/kg		2.3 mg/kg	0.00023 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.2 mg/kg		0.2 mg/kg	0.00002 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.37 mg/kg		0.37 mg/kg	0.000037 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				39	mg/kg	1.252	48.819	mg/kg	0.00488 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				5.1	mg/kg	1.884	9.608	mg/kg	0.000961 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-912-4	206-44-0									
21		fluorene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.52	mg/kg		0.52	mg/kg	0.000052 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	20	mg/kg		20	mg/kg	0.002 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				152	mg/kg		152	mg/kg	0.0152 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0546 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0152%)

Classification of sample: 01_TP106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP106
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		
3	anthracene		204-371-1	120-12-7		0.18 mg/kg		0.18 mg/kg	0.000018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.3 mg/kg		2.3 mg/kg	0.00023 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		1 mg/kg		1 mg/kg	0.0001 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.8 mg/kg		0.8 mg/kg	0.00008 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.99 mg/kg		0.99 mg/kg	0.000099 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.1 mg/kg		1.1 mg/kg	0.00011 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1 mg/kg		2.1 mg/kg	0.00021 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.1	mg/kg		1.1	mg/kg	0.00011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.15	mg/kg		0.15	mg/kg	0.000015 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.96	mg/kg		0.96	mg/kg	0.000096 %		
21		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.55	mg/kg		0.55	mg/kg	0.000055 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	40	mg/kg		40	mg/kg	0.004 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	50	mg/kg		50	mg/kg	0.005 %		
27		phenanthrene		201-581-5	85-01-8		0.56	mg/kg		0.56	mg/kg	0.000056 %		
28		monohydric phenols			P1186		0.6	mg/kg		0.6	mg/kg	0.00006 %		
29		pyrene		204-927-3	129-00-0		2.4	mg/kg		2.4	mg/kg	0.00024 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		384.6	mg/kg		384.6	mg/kg	0.0385 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		65	mg/kg	1.785	116.037	mg/kg	0.0116 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		53	mg/kg	1.245	65.97	mg/kg	0.0066 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0916 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0385%)

Classification of sample: 01_TP106[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP106[2]
Sample Depth:
2.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5 mg/kg		5 mg/kg	0.0005 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<LOD
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		17 mg/kg	1.252	21.28 mg/kg	0.00213 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	56 mg/kg		56 mg/kg	0.0056 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.11 mg/kg		0.11 mg/kg	0.000011 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		nickel { nickel }			7	13	mg/kg		13	mg/kg	0.0013 %		
		028-002-00-7	231-111-4	7440-02-0									
14		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group				190	mg/kg		190	mg/kg	0.019 %		
				TPH									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				38	mg/kg	1.245	47.299	mg/kg	0.00473 %		
		030-013-00-7	215-222-5	1314-13-2									
20		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0382 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.019%)

Classification of sample: 01_TP107

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP107
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				43	mg/kg	1.252	53.826	mg/kg	0.00538 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	39	mg/kg		39	mg/kg	0.0039 %		
		082-001-00-6											
24		mercury { mercury }				0.32	mg/kg		0.32	mg/kg	0.000032 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				62	mg/kg	1.245	77.172	mg/kg	0.00772 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0318 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP108

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP108
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.59 mg/kg		0.59 mg/kg	0.000059 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.61 mg/kg		0.61 mg/kg	0.000061 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.9 mg/kg		7.9 mg/kg	0.00079 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		37 mg/kg		37 mg/kg	0.0037 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.15 mg/kg		0.15 mg/kg	0.000015 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.7 mg/kg		0.7 mg/kg	0.00007 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.38 mg/kg		0.38 mg/kg	0.000038 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.5 mg/kg		0.5 mg/kg	0.00005 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		36 mg/kg	1.462	52.616 mg/kg	0.00526 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.78	mg/kg		0.78	mg/kg	0.000078 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			205-912-4	206-44-0									
21		fluorene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100	mg/kg		100	mg/kg	0.01 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.5	mg/kg		0.5	mg/kg	0.00005 %		
				P1186									
29		pyrene				2.5	mg/kg		2.5	mg/kg	0.00025 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				139	mg/kg		139	mg/kg	0.0139 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				74	mg/kg	1.785	132.104	mg/kg	0.0132 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0848 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0139%)

Classification of sample: 01_TP109

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP109	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.13%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.1 mg/kg		4.1 mg/kg	0.00041 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.11 mg/kg		0.11 mg/kg	0.000011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.15 mg/kg		0.15 mg/kg	0.000015 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.16 mg/kg		0.16 mg/kg	0.000016 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.6 mg/kg		2.6 mg/kg	0.00026 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	0.5 mg/kg		0.5 mg/kg	0.00005 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5									
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300 mg/kg	1.252	375.533 mg/kg	0.0376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8 mg/kg	1.884	1.507 mg/kg	0.000151 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.35 mg/kg		0.35 mg/kg	0.000035 %		
21		fluorene		201-695-5	86-73-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08 mg/kg		0.08 mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1300 mg/kg		1300 mg/kg	0.13 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		18 mg/kg		18 mg/kg	0.0018 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	39 mg/kg		39 mg/kg	0.0039 %		
27		phenanthrene		201-581-5	85-01-8		0.26 mg/kg		0.26 mg/kg	0.000026 %		
28		monohydric phenols			P1186		0.5 mg/kg		0.5 mg/kg	0.00005 %		
29		pyrene		204-927-3	129-00-0		0.39 mg/kg		0.39 mg/kg	0.000039 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		53 mg/kg	1.785	94.615 mg/kg	0.00946 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310 mg/kg	1.245	385.861 mg/kg	0.0386 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
									Total:	0.229 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP109[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP109[2]
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3 mg/kg		3 mg/kg	0.0003 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		71 mg/kg		71 mg/kg	0.0071 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1 mg/kg		2.1 mg/kg	0.00021 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		110 mg/kg	1.252	137.695 mg/kg	0.0138 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2 mg/kg	1.884	0.377 mg/kg	0.0000377 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	180 mg/kg		180 mg/kg	0.018 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.1 mg/kg		1.1 mg/kg	0.00011 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
14		monohydric phenols				0.5	mg/kg		0.5	mg/kg	0.00005 %		
				P1186									
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group				38	mg/kg		38	mg/kg	0.0038 %		
				TPH									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				93	mg/kg	1.245	115.758	mg/kg	0.0116 %		
		030-013-00-7	215-222-5	1314-13-2									
20		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
		024-017-00-8											
										Total:	0.0681 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0038%)

Classification of sample: 01_TP109[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP109[3]
Sample Depth:
3.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.1 mg/kg		0.1 mg/kg	0.00001 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.12 mg/kg		0.12 mg/kg	0.000012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	330	mg/kg		330	mg/kg	0.033 %		
		082-001-00-6											
24		mercury { mercury }				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.6	mg/kg		0.6	mg/kg	0.00006 %		
				P1186									
29		pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				99	mg/kg	1.245	123.227	mg/kg	0.0123 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0819 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP110

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP110
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.35 mg/kg		0.35 mg/kg	0.000035 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		34 mg/kg		34 mg/kg	0.0034 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.36 mg/kg		0.36 mg/kg	0.000036 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.32 mg/kg		0.32 mg/kg	0.000032 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9 mg/kg		1.9 mg/kg	0.00019 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-912-4	206-44-0									
21		fluorene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	520	mg/kg		520	mg/kg	0.052 %		
		082-001-00-6											
24		mercury { mercury }				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				59	mg/kg	1.785	105.326	mg/kg	0.0105 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				240	mg/kg	1.245	298.731	mg/kg	0.0299 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.143 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP111

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP111
Sample Depth:
2.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.5 mg/kg		4.5 mg/kg	0.00045 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				14	mg/kg	1.252	17.525	mg/kg	0.00175 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12	mg/kg		12	mg/kg	0.0012 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	15	mg/kg		15	mg/kg	0.0015 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				28	mg/kg	1.245	34.852	mg/kg	0.00349 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0139 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP111[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP111[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.09 mg/kg		0.09 mg/kg	0.000009 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.3 mg/kg		4.3 mg/kg	0.00043 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16 mg/kg		0.16 mg/kg	0.000016 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.17 mg/kg		0.17 mg/kg	0.000017 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				86	mg/kg	1.252	107.653	mg/kg	0.0108 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	71	mg/kg		71	mg/kg	0.0071 %		
		082-001-00-6											
24		mercury { mercury }				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				74	mg/kg	1.785	132.104	mg/kg	0.0132 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0635 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP112

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP112
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	55 mg/kg		55 mg/kg	0.0055 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				270	mg/kg	1.252	337.98	mg/kg	0.0338 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	290	mg/kg		290	mg/kg	0.029 %		
		082-001-00-6											
24		mercury { mercury }				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				54	mg/kg	1.785	96.4	mg/kg	0.00964 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.102 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP112[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP112[2]
Sample Depth:
2.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	20 mg/kg		20 mg/kg	0.002 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		44 mg/kg		44 mg/kg	0.0044 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150 mg/kg	1.252	187.766 mg/kg	0.0188 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	210 mg/kg		210 mg/kg	0.021 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.29 mg/kg		0.29 mg/kg	0.000029 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		nickel { nickel }			7	35	mg/kg		35	mg/kg	0.0035 %		
		028-002-00-7	231-111-4	7440-02-0									
14		monohydric phenols				1	mg/kg		1	mg/kg	0.0001 %		
				P1186									
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group				31	mg/kg		31	mg/kg	0.0031 %		
				TPH									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				91	mg/kg	1.245	113.269	mg/kg	0.0113 %		
		030-013-00-7	215-222-5	1314-13-2									
20		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.076 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0031%)

Classification of sample: 01_TP115

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP115
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.26 mg/kg		0.26 mg/kg	0.000026 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	12 mg/kg		12 mg/kg	0.0012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.45 mg/kg		0.45 mg/kg	0.000045 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.39 mg/kg		0.39 mg/kg	0.000039 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.55 mg/kg		0.55 mg/kg	0.000055 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.9 mg/kg	5.719	5.147 mg/kg	0.000515 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1	mg/kg		1	mg/kg	0.0001 %		
			205-912-4	206-44-0									
21		fluorene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	460	mg/kg		460	mg/kg	0.046 %		
		082-001-00-6											
24		mercury { mercury }				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	45	mg/kg		45	mg/kg	0.0045 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.54	mg/kg		0.54	mg/kg	0.000054 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.5	mg/kg		0.5	mg/kg	0.00005 %		
				P1186									
29		pyrene				1	mg/kg		1	mg/kg	0.0001 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				76	mg/kg	1.785	135.674	mg/kg	0.0136 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.128 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP115[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP115[2]
Sample Depth:
1.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	8.2 mg/kg		8.2 mg/kg	0.00082 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25 mg/kg		25 mg/kg	0.0025 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3.9 mg/kg		3.9 mg/kg	0.00039 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		260 mg/kg	1.252	325.462 mg/kg	0.0325 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4 mg/kg	1.884	0.754 mg/kg	0.0000754 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	190 mg/kg		190 mg/kg	0.019 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.44 mg/kg		0.44 mg/kg	0.000044 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		nickel { nickel }			7	50	mg/kg		50	mg/kg	0.005 %		
		028-002-00-7	231-111-4	7440-02-0									
14		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group				210	mg/kg		210	mg/kg	0.021 %		
				TPH									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				58	mg/kg	1.785	103.541	mg/kg	0.0104 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.107 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.021%)

Classification of sample: 01_TP115[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP115[3]
Sample Depth:
3.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.08 mg/kg		0.08 mg/kg	0.000008 %		
2	acenaphthylene		205-917-1	208-96-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
3	anthracene		204-371-1	120-12-7		0.33 mg/kg		0.33 mg/kg	0.000033 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	12 mg/kg		12 mg/kg	0.0012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.23 mg/kg		0.23 mg/kg	0.000023 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.53 mg/kg		0.53 mg/kg	0.000053 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5 mg/kg		0.5 mg/kg	0.00005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.67 mg/kg		0.67 mg/kg	0.000067 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.3 mg/kg		2.3 mg/kg	0.00023 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				310	mg/kg	1.252	388.051	mg/kg	0.0388 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				68	mg/kg	1.884	128.112	mg/kg	0.0128 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-912-4	206-44-0									
21		fluorene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	520	mg/kg		520	mg/kg	0.052 %		
		082-001-00-6											
24		mercury { mercury }				1	mg/kg		1	mg/kg	0.0001 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	40	mg/kg		40	mg/kg	0.004 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.71	mg/kg		0.71	mg/kg	0.000071 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.4	mg/kg		0.4	mg/kg	0.00004 %		
				P1186									
29		pyrene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				61	mg/kg	1.785	108.896	mg/kg	0.0109 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.15 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP119

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP119
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				19	mg/kg	1.252	23.784	mg/kg	0.00238 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18	mg/kg		18	mg/kg	0.0018 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	16	mg/kg		16	mg/kg	0.0016 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				67	mg/kg	1.245	83.396	mg/kg	0.00834 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0252 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP119[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP119[2]
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.1 mg/kg		4.1 mg/kg	0.00041 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.09 mg/kg		0.09 mg/kg	0.000009 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.06 mg/kg		0.06 mg/kg	0.000006 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.6 mg/kg	5.719	9.151 mg/kg	0.000915 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.11	mg/kg		0.11	mg/kg	0.000011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		59	mg/kg	1.252	73.855	mg/kg	0.00739 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.24	mg/kg		0.24	mg/kg	0.000024 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.06	mg/kg		0.06	mg/kg	0.000006 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	47	mg/kg		47	mg/kg	0.0047 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7.5	mg/kg		7.5	mg/kg	0.00075 %		
27		phenanthrene		201-581-5	85-01-8		0.07	mg/kg		0.07	mg/kg	0.000007 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.2	mg/kg		0.2	mg/kg	0.00002 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		119.7	mg/kg		119.7	mg/kg	0.012 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		10	mg/kg	1.785	17.852	mg/kg	0.00179 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0428 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.012%)

Classification of sample: 01_TP120

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP120
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		19 mg/kg		19 mg/kg	0.0019 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.1 mg/kg		0.1 mg/kg	0.00001 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.2 mg/kg		0.2 mg/kg	0.00002 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.2 mg/kg		0.2 mg/kg	0.00002 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9 mg/kg		1.9 mg/kg	0.00019 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.5 mg/kg	5.719	8.579 mg/kg	0.000858 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.2	mg/kg		0.2	mg/kg	0.00002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		120	mg/kg	1.252	150.213	mg/kg	0.015 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.3	mg/kg		0.3	mg/kg	0.00003 %		
21		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.1	mg/kg		0.1	mg/kg	0.00001 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	96	mg/kg		96	mg/kg	0.0096 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.13	mg/kg		0.13	mg/kg	0.000013 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28	mg/kg		28	mg/kg	0.0028 %		
27		phenanthrene		201-581-5	85-01-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.3	mg/kg		0.3	mg/kg	0.00003 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0583 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP120[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP120[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.21%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.7 mg/kg		2.7 mg/kg	0.00027 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.2 mg/kg		1.2 mg/kg	0.00012 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	0.9 mg/kg		0.9 mg/kg	0.00009 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.03	mg/kg		0.03	mg/kg	0.000003 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		110	mg/kg	1.252	137.695	mg/kg	0.0138 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.08	mg/kg		0.08	mg/kg	0.000008 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	2100	mg/kg		2100	mg/kg	0.21 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.14	mg/kg		0.14	mg/kg	0.000014 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
27		phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.06	mg/kg		0.06	mg/kg	0.000006 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.253 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP121

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP121
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.6 mg/kg		6.6 mg/kg	0.00066 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				350	mg/kg	1.252	438.122	mg/kg	0.0438 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	440	mg/kg		440	mg/kg	0.044 %		
		082-001-00-6											
24		mercury { mercury }				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				280	mg/kg	1.245	348.52	mg/kg	0.0349 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.136 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP121[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP121[2]
Sample Depth:
2.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.5 mg/kg		4.5 mg/kg	0.00045 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.8 mg/kg	1.462	9.939 mg/kg	0.000994 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				10	mg/kg	1.252	12.518	mg/kg	0.00125 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	28	mg/kg		28	mg/kg	0.0028 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	6.5	mg/kg		6.5	mg/kg	0.00065 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				8.7	mg/kg	1.785	15.531	mg/kg	0.00155 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				35	mg/kg	1.245	43.565	mg/kg	0.00436 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0131 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP122

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP122
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	59 mg/kg		59 mg/kg	0.0059 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				280	mg/kg	1.252	350.497	mg/kg	0.035 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	730	mg/kg		730	mg/kg	0.073 %		
		082-001-00-6											
24		mercury { mercury }				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	24	mg/kg		24	mg/kg	0.0024 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				260	mg/kg	1.245	323.626	mg/kg	0.0324 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.16 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP124

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP124
Sample Depth:
3.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.8 mg/kg		4.8 mg/kg	0.00048 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.1 mg/kg		7.1 mg/kg	0.00071 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				59	mg/kg	1.252	73.855	mg/kg	0.00739 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	27	mg/kg		27	mg/kg	0.0027 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				73	mg/kg	1.245	90.864	mg/kg	0.00909 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0397 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP124[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:
01_TP124[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.3 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 1.2%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 1A; H360Df "May damage the unborn child. Suspected of damaging fertility."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 1.2%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

copper(II) oxide: (compound conc.: 0.526%)
lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 1.2%)
zinc oxide: (compound conc.: 0.162%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.08 mg/kg		0.08 mg/kg	0.000008 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	180 mg/kg		180 mg/kg	0.018 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		61 mg/kg		61 mg/kg	0.0061 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		0.1	mg/kg		0.1	mg/kg	0.00001 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.21	mg/kg		0.21	mg/kg	0.000021 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.18	mg/kg		0.18	mg/kg	0.000018 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.24	mg/kg		0.24	mg/kg	0.000024 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.8	mg/kg		1.8	mg/kg	0.00018 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.6	mg/kg	5.719	9.151	mg/kg	0.000915 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.6	mg/kg		1.6	mg/kg	0.00016 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		33	mg/kg	1.462	48.231	mg/kg	0.00482 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.23	mg/kg		0.23	mg/kg	0.000023 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		4200	mg/kg	1.252	5257.462	mg/kg	0.526 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				89	mg/kg	1.884	167.676	mg/kg	0.0168 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.54	mg/kg		0.54	mg/kg	0.000054 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08	mg/kg		0.08	mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12000	mg/kg		12000	mg/kg	1.2 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		2.5	mg/kg		2.5	mg/kg	0.00025 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	43	mg/kg		43	mg/kg	0.0043 %		
27		phenanthrene		201-581-5	85-01-8		0.35	mg/kg		0.35	mg/kg	0.000035 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.55	mg/kg		0.55	mg/kg	0.000055 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				22.6	mg/kg		22.6	mg/kg	0.00226 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				86	mg/kg	1.785	153.526	mg/kg	0.0154 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				1300	mg/kg	1.245	1618.128	mg/kg	0.162 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	1.957 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00226%)

Classification of sample: 01_TP125

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP125	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.29	mg/kg		0.29	mg/kg	0.000029 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.26	mg/kg		0.26	mg/kg	0.000026 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.9	mg/kg		4.9	mg/kg	0.00049 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14	mg/kg		14	mg/kg	0.0014 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.17	mg/kg		0.17	mg/kg	0.000017 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.4	mg/kg		0.4	mg/kg	0.00004 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.31	mg/kg		0.31	mg/kg	0.000031 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.44	mg/kg		0.44	mg/kg	0.000044 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4	mg/kg	5.719	8.007	mg/kg	0.000801 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7	mg/kg		0.7	mg/kg	0.00007 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31	mg/kg	1.462	45.308	mg/kg	0.00453 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.46	mg/kg		0.46	mg/kg	0.000046 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		41	mg/kg	1.252	51.323	mg/kg	0.00513 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
20		fluoranthene		205-912-4	206-44-0		1.3	mg/kg		1.3	mg/kg	0.00013 %		
21		fluorene		201-695-5	86-73-7		0.17	mg/kg		0.17	mg/kg	0.000017 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	830	mg/kg		830	mg/kg	0.083 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.43	mg/kg		0.43	mg/kg	0.000043 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.19	mg/kg		0.19	mg/kg	0.000019 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	18	mg/kg		18	mg/kg	0.0018 %		
27		phenanthrene		201-581-5	85-01-8		1.1	mg/kg		1.1	mg/kg	0.00011 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
29		pyrene		204-927-3	129-00-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
											Total:	0.124 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP126

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_TP126	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.23	mg/kg		0.23	mg/kg	0.000023 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.37	mg/kg		0.37	mg/kg	0.000037 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.6	mg/kg		2.6	mg/kg	0.00026 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.5	mg/kg		9.5	mg/kg	0.00095 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.21	mg/kg		0.21	mg/kg	0.000021 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.6	mg/kg		0.6	mg/kg	0.00006 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.44	mg/kg		0.44	mg/kg	0.000044 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.59	mg/kg		0.59	mg/kg	0.000059 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5	mg/kg		0.5	mg/kg	0.00005 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4	mg/kg	5.719	8.007	mg/kg	0.000801 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3	mg/kg		3	mg/kg	0.0003 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.69	mg/kg		0.69	mg/kg	0.000069 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		39	mg/kg	1.252	48.819	mg/kg	0.00488 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.9	mg/kg		1.9	mg/kg	0.00019 %		
21		fluorene		201-695-5	86-73-7		0.15	mg/kg		0.15	mg/kg	0.000015 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.19	mg/kg		0.19	mg/kg	0.000019 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	120	mg/kg		120	mg/kg	0.012 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.72	mg/kg		0.72	mg/kg	0.000072 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.16	mg/kg		0.16	mg/kg	0.000016 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	18	mg/kg		18	mg/kg	0.0018 %		
27		phenanthrene		201-581-5	85-01-8		1.6	mg/kg		1.6	mg/kg	0.00016 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		222.7	mg/kg		222.7	mg/kg	0.0223 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		34	mg/kg	1.785	60.696	mg/kg	0.00607 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		520	mg/kg	1.245	647.251	mg/kg	0.0647 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.118 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0223%)

Classification of sample: 01_TP126[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP126[2]
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.6 mg/kg		6.6 mg/kg	0.00066 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.9 mg/kg	5.719	5.147 mg/kg	0.000515 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				16	mg/kg	1.252	20.028	mg/kg	0.002 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27	mg/kg		27	mg/kg	0.0027 %		
		082-001-00-6											
24		mercury { mercury }				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	15	mg/kg		15	mg/kg	0.0015 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				53	mg/kg	1.245	65.97	mg/kg	0.0066 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.022 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_TP127

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_TP127
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.16 mg/kg		0.16 mg/kg	0.000016 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.17 mg/kg		0.17 mg/kg	0.000017 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		17 mg/kg		17 mg/kg	0.0017 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.37 mg/kg		0.37 mg/kg	0.000037 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.32 mg/kg		0.32 mg/kg	0.000032 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.47 mg/kg		0.47 mg/kg	0.000047 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.43	mg/kg		0.43	mg/kg	0.000043 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		37	mg/kg	1.252	46.316	mg/kg	0.00463 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		**<LOD**
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
20		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.09	mg/kg		0.09	mg/kg	0.000009 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.16	mg/kg		0.16	mg/kg	0.000016 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	87	mg/kg		87	mg/kg	0.0087 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.23	mg/kg		0.23	mg/kg	0.000023 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	16	mg/kg		16	mg/kg	0.0016 %		
27		phenanthrene		201-581-5	85-01-8		0.71	mg/kg		0.71	mg/kg	0.000071 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
29		pyrene		204-927-3	129-00-0		1.1	mg/kg		1.1	mg/kg	0.00011 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
32		TPH (C6 to C40) petroleum group			TPH		69.2	mg/kg		69.2	mg/kg	0.00692 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
											Total:	0.0454 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00692%)

Classification of sample: 01_WS101

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
01_WS101	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.11	mg/kg		0.11	mg/kg	0.000011 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.11	mg/kg		0.11	mg/kg	0.000011 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.3	mg/kg		3.3	mg/kg	0.00033 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12	mg/kg		12	mg/kg	0.0012 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.06	mg/kg		0.06	mg/kg	0.000006 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.18	mg/kg		0.18	mg/kg	0.000018 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.14	mg/kg		0.14	mg/kg	0.000014 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8	mg/kg		0.8	mg/kg	0.00008 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3	mg/kg		0.3	mg/kg	0.00003 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.21	mg/kg		0.21	mg/kg	0.000021 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		57	mg/kg	1.252	71.351	mg/kg	0.00714 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.59	mg/kg		0.59	mg/kg	0.000059 %		
21		fluorene		201-695-5	86-73-7		0.07	mg/kg		0.07	mg/kg	0.000007 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.06	mg/kg		0.06	mg/kg	0.000006 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	280	mg/kg		280	mg/kg	0.028 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.16	mg/kg		0.16	mg/kg	0.000016 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	16	mg/kg		16	mg/kg	0.0016 %		
27		phenanthrene		201-581-5	85-01-8		0.58	mg/kg		0.58	mg/kg	0.000058 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.53	mg/kg		0.53	mg/kg	0.000053 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0574 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS102

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS102
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.08 mg/kg		0.08 mg/kg	0.000008 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.15 mg/kg		0.15 mg/kg	0.000015 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.3 mg/kg		0.3 mg/kg	0.00003 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.36 mg/kg		0.36 mg/kg	0.000036 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.32	mg/kg		0.32	mg/kg	0.000032 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		80	mg/kg	1.252	100.142	mg/kg	0.01 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.68	mg/kg		0.68	mg/kg	0.000068 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.12	mg/kg		0.12	mg/kg	0.000012 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	280	mg/kg		280	mg/kg	0.028 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.63	mg/kg		0.63	mg/kg	0.000063 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	11	mg/kg		11	mg/kg	0.0011 %		
27		phenanthrene		201-581-5	85-01-8		0.42	mg/kg		0.42	mg/kg	0.000042 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.7	mg/kg		0.7	mg/kg	0.00007 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.5	mg/kg		0.5	mg/kg	0.00005 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		61	mg/kg		61	mg/kg	0.0061 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0708 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0061%)

Classification of sample: 01_WS103

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS103
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		6.1 mg/kg		6.1 mg/kg	0.00061 %		
2	acenaphthylene		205-917-1	208-96-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
3	anthracene		204-371-1	120-12-7		3.7 mg/kg		3.7 mg/kg	0.00037 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14 mg/kg		14 mg/kg	0.0014 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.93 mg/kg		0.93 mg/kg	0.000093 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.7 mg/kg		3.7 mg/kg	0.00037 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.7 mg/kg		2.7 mg/kg	0.00027 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.9 mg/kg		2.9 mg/kg	0.00029 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.5 mg/kg	5.719	8.579 mg/kg	0.000858 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				4.4	mg/kg		4.4	mg/kg	0.00044 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				60	mg/kg	1.252	75.107	mg/kg	0.00751 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				13	mg/kg		13	mg/kg	0.0013 %		
			205-912-4	206-44-0									
21		fluorene				4	mg/kg		4	mg/kg	0.0004 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	490	mg/kg		490	mg/kg	0.049 %		
		082-001-00-6											
24		mercury { mercury }				0.68	mg/kg		0.68	mg/kg	0.000068 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				18	mg/kg		18	mg/kg	0.0018 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	15	mg/kg		15	mg/kg	0.0015 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				20	mg/kg		20	mg/kg	0.002 %		
			201-581-5	85-01-8									
28		monohydric phenols				12	mg/kg		12	mg/kg	0.0012 %		
				P1186									
29		pyrene				13	mg/kg		13	mg/kg	0.0013 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				199.6	mg/kg		199.6	mg/kg	0.02 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				220	mg/kg	1.245	273.837	mg/kg	0.0274 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.126 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.02%)

Classification of sample: 01_WS104

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS104
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		5.5 mg/kg		5.5 mg/kg	0.00055 %		
2	acenaphthylene		205-917-1	208-96-8		7.7 mg/kg		7.7 mg/kg	0.00077 %		
3	anthracene		204-371-1	120-12-7		14 mg/kg		14 mg/kg	0.0014 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15 mg/kg		15 mg/kg	0.0015 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		9.5 mg/kg		9.5 mg/kg	0.00095 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		19 mg/kg		19 mg/kg	0.0019 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		17 mg/kg		17 mg/kg	0.0017 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		17 mg/kg		17 mg/kg	0.0017 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		20	mg/kg		20	mg/kg	0.002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		90	mg/kg	1.252	112.66	mg/kg	0.0113 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				8.5	mg/kg	1.884	16.014	mg/kg	0.0016 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		2.4	mg/kg		2.4	mg/kg	0.00024 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		50	mg/kg		50	mg/kg	0.005 %		
21		fluorene		201-695-5	86-73-7		13	mg/kg		13	mg/kg	0.0013 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		7.4	mg/kg		7.4	mg/kg	0.00074 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	290	mg/kg		290	mg/kg	0.029 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.11	mg/kg		0.11	mg/kg	0.000011 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15	mg/kg		15	mg/kg	0.0015 %		
27		phenanthrene		201-581-5	85-01-8		61	mg/kg		61	mg/kg	0.0061 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		48	mg/kg		48	mg/kg	0.0048 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.9	mg/kg		0.9	mg/kg	0.00009 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		74.3	mg/kg		74.3	mg/kg	0.00743 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		310	mg/kg	1.245	385.861	mg/kg	0.0386 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.128 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00743%)

Classification of sample: 01_WS105

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS105
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.3 mg/kg		6.3 mg/kg	0.00063 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.09 mg/kg		0.09 mg/kg	0.000009 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	4.7 mg/kg		4.7 mg/kg	0.00047 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				190	mg/kg	1.252	237.838	mg/kg	0.0238 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			205-912-4	206-44-0									
21		fluorene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	490	mg/kg		490	mg/kg	0.049 %		
		082-001-00-6											
24		mercury { mercury }				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	42	mg/kg		42	mg/kg	0.0042 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				1700	mg/kg	1.245	2116.014	mg/kg	0.212 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.303 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: 01_WS106

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
01_WS106
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.4	mg/kg		0.4	mg/kg	0.00004 %		
2	acenaphthylene		205-917-1	208-96-8		0.3	mg/kg		0.3	mg/kg	0.00003 %		
3	anthracene		204-371-1	120-12-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.5	mg/kg		2.5	mg/kg	0.00025 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5	mg/kg		7.5	mg/kg	0.00075 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		1.1	mg/kg		1.1	mg/kg	0.00011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.2	mg/kg		1.2	mg/kg	0.00012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.5	mg/kg		1.5	mg/kg	0.00015 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.7	mg/kg		1.7	mg/kg	0.00017 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3	mg/kg		0.3	mg/kg	0.00003 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3	mg/kg	5.719	7.435	mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9	mg/kg		0.9	mg/kg	0.00009 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11	mg/kg	1.462	16.077	mg/kg	0.00161 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.2	mg/kg		1.2	mg/kg	0.00012 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		79	mg/kg	1.252	98.89	mg/kg	0.00989 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				4	mg/kg	1.884	7.536	mg/kg	0.000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.2	mg/kg		0.2	mg/kg	0.00002 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		3	mg/kg		3	mg/kg	0.0003 %		
21		fluorene		201-695-5	86-73-7		0.3	mg/kg		0.3	mg/kg	0.00003 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.9	mg/kg		0.9	mg/kg	0.00009 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	140	mg/kg		140	mg/kg	0.014 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.41	mg/kg		0.41	mg/kg	0.000041 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.02	mg/kg		0.02	mg/kg	0.000002 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14	mg/kg		14	mg/kg	0.0014 %		
27		phenanthrene		201-581-5	85-01-8		1.8	mg/kg		1.8	mg/kg	0.00018 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		2.7	mg/kg		2.7	mg/kg	0.00027 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		451.6	mg/kg		451.6	mg/kg	0.0452 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.0947 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0452%)

Classification of sample: BAL01

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BAL01

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.21 mg/kg		0.21 mg/kg	0.000021 %		
4	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
6	benzo[ghi]perylene		205-883-8	191-24-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
7	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.22 mg/kg		0.22 mg/kg	0.000022 %		
8	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.22 mg/kg		0.22 mg/kg	0.000022 %		
9	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.27 mg/kg		0.27 mg/kg	0.000027 %		
10	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
11	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
13	chrysene	601-048-00-0	205-923-4	218-01-9		0.24 mg/kg		0.24 mg/kg	0.000024 %		
14	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		121 mg/kg	1.252	151.465 mg/kg	0.0151 %		
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides,					<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5											
16		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		fluoranthene		205-912-4	206-44-0		0.7	mg/kg		0.7	mg/kg	0.00007 %		
19		fluorene		201-695-5	86-73-7		0.03	mg/kg		0.03	mg/kg	0.000003 %		
20		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
21		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	50	mg/kg		50	mg/kg	0.005 %		
22		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.53	mg/kg		0.53	mg/kg	0.000053 %		
23		naphthalene	601-052-00-2	202-049-5	91-20-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
24		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	33	mg/kg		33	mg/kg	0.0033 %		
25		phenanthrene		201-581-5	85-01-8		0.41	mg/kg		0.41	mg/kg	0.000041 %		
26		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
27		pyrene		204-927-3	129-00-0		0.59	mg/kg		0.59	mg/kg	0.000059 %		
28		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
29		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
30		TPH (C6 to C40) petroleum group			TPH		284	mg/kg		284	mg/kg	0.0284 %		
31		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		135	mg/kg	1.245	168.036	mg/kg	0.0168 %		
32		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0749 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0284%)

Classification of sample: BAL02

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BAL02

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
3	anthracene		204-371-1	120-12-7		0.49 mg/kg		0.49 mg/kg	0.000049 %		
4	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
5	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
6	benzo[ghi]perylene		205-883-8	191-24-2		0.41 mg/kg		0.41 mg/kg	0.000041 %		
7	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.41 mg/kg		0.41 mg/kg	0.000041 %		
8	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.57 mg/kg		0.57 mg/kg	0.000057 %		
9	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.73 mg/kg		0.73 mg/kg	0.000073 %		
10	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
11	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.5 mg/kg		3.5 mg/kg	0.00035 %		
12	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		60 mg/kg	1.462	87.693 mg/kg	0.00877 %		
13	chrysene	601-048-00-0	205-923-4	218-01-9		0.44 mg/kg		0.44 mg/kg	0.000044 %		
14	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		121 mg/kg	1.252	151.465 mg/kg	0.0151 %		
15	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides,					<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5											
16		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
18		fluoranthene		205-912-4	206-44-0		0.93	mg/kg		0.93	mg/kg	0.000093 %		
19		fluorene		201-695-5	86-73-7		0.03	mg/kg		0.03	mg/kg	0.000003 %		
20		indeno[123-cd]pyrene		205-893-2	193-39-5		0.48	mg/kg		0.48	mg/kg	0.000048 %		
21		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	116	mg/kg		116	mg/kg	0.0116 %		
22		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.25	mg/kg		0.25	mg/kg	0.000025 %		
23		naphthalene	601-052-00-2	202-049-5	91-20-3		0.08	mg/kg		0.08	mg/kg	0.000008 %		
24		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	61	mg/kg		61	mg/kg	0.0061 %		
25		phenanthrene		201-581-5	85-01-8		0.39	mg/kg		0.39	mg/kg	0.000039 %		
26		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		**<LOD**
27		pyrene		204-927-3	129-00-0		0.88	mg/kg		0.88	mg/kg	0.000088 %		
28		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		**<LOD**
29		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
30		TPH (C6 to C40) petroleum group			TPH		559	mg/kg		559	mg/kg	0.0559 %		
31		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		309	mg/kg	1.245	384.617	mg/kg	0.0385 %		
32		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
											Total:	0.14 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0559%)

Classification of sample: BAL03

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BAL03

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.02	mg/kg		0.02	mg/kg	0.000002 %		
2		acenaphthylene		205-917-1	208-96-8		0.03	mg/kg		0.03	mg/kg	0.000003 %		
3		anthracene		204-371-1	120-12-7		0.13	mg/kg		0.13	mg/kg	0.000013 %		
4		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5	mg/kg		5	mg/kg	0.0005 %		
5		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
6		benzo[ghi]perylene		205-883-8	191-24-2		0.14	mg/kg		0.14	mg/kg	0.000014 %		
7		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.2	mg/kg		0.2	mg/kg	0.00002 %		
8		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24	mg/kg		0.24	mg/kg	0.000024 %		
9		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.29	mg/kg		0.29	mg/kg	0.000029 %		
10		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		**<LOD**
11		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9	mg/kg		0.9	mg/kg	0.00009 %		
12		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
13		chrysene	601-048-00-0	205-923-4	218-01-9		0.21	mg/kg		0.21	mg/kg	0.000021 %		
14		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		43	mg/kg	1.252	53.826	mg/kg	0.00538 %		
15		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides,					<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		**<LOD**

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5											
16		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
18		fluoranthene		205-912-4	206-44-0		0.46	mg/kg		0.46	mg/kg	0.000046 %		
19		fluorene		201-695-5	86-73-7		0.02	mg/kg		0.02	mg/kg	0.000002 %		
20		indeno[123-cd]pyrene		205-893-2	193-39-5		0.17	mg/kg		0.17	mg/kg	0.000017 %		
21		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	24	mg/kg		24	mg/kg	0.0024 %		
22		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.85	mg/kg		1.85	mg/kg	0.000185 %		
23		naphthalene	601-052-00-2	202-049-5	91-20-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
24		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26	mg/kg		26	mg/kg	0.0026 %		
25		phenanthrene		201-581-5	85-01-8		0.27	mg/kg		0.27	mg/kg	0.000027 %		
26		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
27		pyrene		204-927-3	129-00-0		0.44	mg/kg		0.44	mg/kg	0.000044 %		
28		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
29		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
30		TPH (C6 to C40) petroleum group			TPH		152	mg/kg		152	mg/kg	0.0152 %		
31		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		66	mg/kg	1.245	82.151	mg/kg	0.00822 %		
32		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0403 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0152%)

Classification of sample: BH301

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH301
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.39 mg/kg		0.39 mg/kg	0.000039 %		
2	acenaphthylene		205-917-1	208-96-8		6.64 mg/kg		6.64 mg/kg	0.000664 %		
3	anthracene		204-371-1	120-12-7		3.81 mg/kg		3.81 mg/kg	0.000381 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		21.3 mg/kg		21.3 mg/kg	0.00213 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		11.6 mg/kg		11.6 mg/kg	0.00116 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		24.7 mg/kg		24.7 mg/kg	0.00247 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		15.7 mg/kg		15.7 mg/kg	0.00157 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				17.2	mg/kg		17.2	mg/kg	0.00172 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				59	mg/kg	1.252	73.855	mg/kg	0.00739 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				2.66	mg/kg		2.66	mg/kg	0.000266 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				17.9	mg/kg		17.9	mg/kg	0.00179 %		
			205-912-4	206-44-0									
21		fluorene				0.99	mg/kg		0.99	mg/kg	0.000099 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				14.1	mg/kg		14.1	mg/kg	0.00141 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	113	mg/kg		113	mg/kg	0.0113 %		
		082-001-00-6											
24		mercury { mercury }				0.52	mg/kg		0.52	mg/kg	0.000052 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				1.28	mg/kg		1.28	mg/kg	0.000128 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	12	mg/kg		12	mg/kg	0.0012 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.73	mg/kg		3.73	mg/kg	0.000373 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				47.6	mg/kg		47.6	mg/kg	0.00476 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				824	mg/kg		824	mg/kg	0.0824 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				39	mg/kg	1.245	48.544	mg/kg	0.00485 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.133 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0824%)

Classification of sample: BH301[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH301[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
9.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	TPH (C6 to C40) petroleum group		TPH		19 mg/kg		19 mg/kg	0.0019 %		
								Total:	0.0019 %		

Key

- User supplied data
- • Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0019%)

Classification of sample: BH301C

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH301C
Sample Depth:
1.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.02 mg/kg		0.02 mg/kg	0.000002 %		
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		9 mg/kg	0.0009 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.07 mg/kg		0.07 mg/kg	0.000007 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.11	mg/kg		0.11	mg/kg	0.000011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		49	mg/kg	1.252	61.337	mg/kg	0.00613 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.27	mg/kg		0.27	mg/kg	0.000027 %		
21		fluorene		201-695-5	86-73-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	99	mg/kg		99	mg/kg	0.0099 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.37	mg/kg		0.37	mg/kg	0.000037 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	24	mg/kg		24	mg/kg	0.0024 %		
27		phenanthrene		201-581-5	85-01-8		0.4	mg/kg		0.4	mg/kg	0.00004 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		0.28	mg/kg		0.28	mg/kg	0.000028 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		18	mg/kg		18	mg/kg	0.0018 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		68	mg/kg	1.245	84.641	mg/kg	0.00846 %		
											Total:	0.039 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0018%)

Classification of sample: BH301D

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH301D	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
2 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		350 mg/kg		350 mg/kg	0.035 %		
								Total:	0.035 %		

Key

User supplied data

● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.035%)

Classification of sample: BH301D[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH301D[2]
Sample Depth:
2.9 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		1.67 mg/kg		1.67 mg/kg	0.000167 %		
3	anthracene		204-371-1	120-12-7		0.54 mg/kg		0.54 mg/kg	0.000054 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7 mg/kg		7 mg/kg	0.0007 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		3.76 mg/kg		3.76 mg/kg	0.000376 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.41 mg/kg		0.41 mg/kg	0.000041 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		4.66 mg/kg		4.66 mg/kg	0.000466 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.38 mg/kg		2.38 mg/kg	0.000238 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.8 mg/kg		0.8 mg/kg	0.00008 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				25	mg/kg	1.252	31.294	mg/kg	0.00313 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.5	mg/kg		0.5	mg/kg	0.00005 %		
			205-912-4	206-44-0									
21		fluorene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				2.62	mg/kg		2.62	mg/kg	0.000262 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				2.86	mg/kg		2.86	mg/kg	0.000286 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	13	mg/kg		13	mg/kg	0.0013 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1	mg/kg		1	mg/kg	0.0001 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
				P1186									
29		pyrene				1.15	mg/kg		1.15	mg/kg	0.000115 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				202	mg/kg		202	mg/kg	0.0202 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				35	mg/kg	1.245	43.565	mg/kg	0.00436 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0492 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0202%)

Classification of sample: BH302

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH302	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
12 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7	mg/kg		7	mg/kg	0.0007 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6	mg/kg		1.6	mg/kg	0.00016 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1	mg/kg		1	mg/kg	0.0001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		37	mg/kg	1.462	54.078	mg/kg	0.00541 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		15	mg/kg	1.252	18.777	mg/kg	0.00188 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	102	mg/kg		102	mg/kg	0.0102 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	40	mg/kg		40	mg/kg	0.004 %		
27		phenanthrene		201-581-5	85-01-8		0.06	mg/kg		0.06	mg/kg	0.000006 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		7	mg/kg		7	mg/kg	0.0007 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		47	mg/kg	1.245	58.502	mg/kg	0.00585 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0373 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0007%)

Classification of sample: BH302[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH302[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		70 mg/kg		70 mg/kg	0.007 %		
								Total:	0.007 %		

Key

User supplied data
● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.007%)

Classification of sample: BH303

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH303
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
2	acenaphthylene		205-917-1	208-96-8		0.01 mg/kg		0.01 mg/kg	0.000001 %		
3	anthracene		204-371-1	120-12-7		0.13 mg/kg		0.13 mg/kg	0.000013 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		45 mg/kg		45 mg/kg	0.0045 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.15 mg/kg		0.15 mg/kg	0.000015 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.34 mg/kg		0.34 mg/kg	0.000034 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.37 mg/kg		0.37 mg/kg	0.000037 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.5 mg/kg		3.5 mg/kg	0.00035 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.43	mg/kg		0.43	mg/kg	0.000043 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				92	mg/kg	1.252	115.163	mg/kg	0.0115 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			205-912-4	206-44-0									
21		fluorene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	130	mg/kg		130	mg/kg	0.013 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	22	mg/kg		22	mg/kg	0.0022 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.86	mg/kg		0.86	mg/kg	0.000086 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
			204-927-3	129-00-0									
30		selenium { selenium }				2	mg/kg		2	mg/kg	0.0002 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				292	mg/kg		292	mg/kg	0.0292 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				355	mg/kg	1.245	441.873	mg/kg	0.0442 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.114 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0292%)

Classification of sample: BH303[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH303[2]
Sample Depth:
7.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		37 mg/kg		37 mg/kg	0.0037 %		
								Total:	0.0037 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0037%)

Classification of sample: BH304

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH304
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		1.23	mg/kg		1.23	mg/kg	0.000123 %		
2		acenaphthylene		205-917-1	208-96-8		0.03	mg/kg		0.03	mg/kg	0.000003 %		
3		anthracene		204-371-1	120-12-7		1.35	mg/kg		1.35	mg/kg	0.000135 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		27	mg/kg		27	mg/kg	0.0027 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.44	mg/kg		0.44	mg/kg	0.000044 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.95	mg/kg		1.95	mg/kg	0.000195 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.31	mg/kg		1.31	mg/kg	0.000131 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.56	mg/kg		1.56	mg/kg	0.000156 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3	mg/kg		1.3	mg/kg	0.00013 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.3	mg/kg		2.3	mg/kg	0.00023 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18	mg/kg	1.462	26.308	mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				1.97	mg/kg		1.97	mg/kg	0.000197 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				103	mg/kg	1.252	128.933	mg/kg	0.0129 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				5.41	mg/kg		5.41	mg/kg	0.000541 %		
			205-912-4	206-44-0									
21		fluorene				0.81	mg/kg		0.81	mg/kg	0.000081 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	90	mg/kg		90	mg/kg	0.009 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				2.03	mg/kg		2.03	mg/kg	0.000203 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	43	mg/kg		43	mg/kg	0.0043 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				7.43	mg/kg		7.43	mg/kg	0.000743 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				5.02	mg/kg		5.02	mg/kg	0.000502 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				16	mg/kg		16	mg/kg	0.0016 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				224	mg/kg	1.245	278.816	mg/kg	0.0279 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0705 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0016%)

Classification of sample: BH304[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH304[2]
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		0.02 mg/kg		0.02 mg/kg	0.000002 %		
3	anthracene		204-371-1	120-12-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.4 mg/kg		0.4 mg/kg	0.00004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.14 mg/kg		1.14 mg/kg	0.000114 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.05 mg/kg		1.05 mg/kg	0.000105 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.26 mg/kg		1.26 mg/kg	0.000126 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	4.7 mg/kg		4.7 mg/kg	0.00047 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.16	mg/kg		1.16	mg/kg	0.000116 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		182	mg/kg	1.252	227.823	mg/kg	0.0228 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.13	mg/kg		0.13	mg/kg	0.000013 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		1.85	mg/kg		1.85	mg/kg	0.000185 %		
21		fluorene		201-695-5	86-73-7		0.08	mg/kg		0.08	mg/kg	0.000008 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.49	mg/kg		0.49	mg/kg	0.000049 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	547	mg/kg		547	mg/kg	0.0547 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<**LOD**
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.36	mg/kg		0.36	mg/kg	0.000036 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29	mg/kg		29	mg/kg	0.0029 %		
27		phenanthrene		201-581-5	85-01-8		1.01	mg/kg		1.01	mg/kg	0.000101 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
29		pyrene		204-927-3	129-00-0		1.8	mg/kg		1.8	mg/kg	0.00018 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		176	mg/kg		176	mg/kg	0.0176 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		48	mg/kg	1.785	85.689	mg/kg	0.00857 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		1300	mg/kg	1.245	1618.128	mg/kg	0.162 %		
											Total:	0.276 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0176%)

Classification of sample: BH304[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH304[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	TPH (C6 to C40) petroleum group		TPH		14 mg/kg		14 mg/kg	0.0014 %		
								Total:	0.0014 %		

Key

- User supplied data
- • Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0014%)

Classification of sample: BH304[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH304[4]
Sample Depth:
14 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
				TPH							
								Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: BH304[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH304[5]
Sample Depth:
13 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.01 mg/kg		0.01 mg/kg	0.000001 %		
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5 mg/kg		5 mg/kg	0.0005 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.07 mg/kg		0.07 mg/kg	0.000007 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				31	mg/kg	1.252	38.805	mg/kg	0.00388 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			205-912-4	206-44-0									
21		fluorene				0.01	mg/kg		0.01	mg/kg	0.000001 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27	mg/kg		27	mg/kg	0.0027 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	21	mg/kg		21	mg/kg	0.0021 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				264.01	mg/kg		264.01	mg/kg	0.0264 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				69	mg/kg	1.245	85.885	mg/kg	0.00859 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0505 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0264%)

Classification of sample: BH305

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH305	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.5 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		76 mg/kg		76 mg/kg	0.0076 %		
								Total:	0.0076 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0076%)

Classification of sample: BH305[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH305[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.72 mg/kg		0.72 mg/kg	0.000072 %		
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.72 mg/kg		0.72 mg/kg	0.000072 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		27 mg/kg		27 mg/kg	0.0027 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		2.26 mg/kg		2.26 mg/kg	0.000226 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.43 mg/kg		3.43 mg/kg	0.000343 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		4.27 mg/kg		4.27 mg/kg	0.000427 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		5.14 mg/kg		5.14 mg/kg	0.000514 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				4.74	mg/kg		4.74	mg/kg	0.000474 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				110	mg/kg	1.252	137.695	mg/kg	0.0138 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.53	mg/kg		0.53	mg/kg	0.000053 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				7.32	mg/kg		7.32	mg/kg	0.000732 %		
			205-912-4	206-44-0									
21		fluorene				0.34	mg/kg		0.34	mg/kg	0.000034 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				2.19	mg/kg		2.19	mg/kg	0.000219 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	79	mg/kg		79	mg/kg	0.0079 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				1.37	mg/kg		1.37	mg/kg	0.000137 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				5.17	mg/kg		5.17	mg/kg	0.000517 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				7.76	mg/kg		7.76	mg/kg	0.000776 %		
			204-927-3	129-00-0									
30		selenium { selenium }				2	mg/kg		2	mg/kg	0.0002 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				736	mg/kg		736	mg/kg	0.0736 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.128 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0736%)

Classification of sample: BH306

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH306	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.518%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.18%)

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.518%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.518%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinands:

copper(II) oxide: (compound conc.: 0.146%)
lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.18%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
2		acenaphthylene		205-917-1	208-96-8		0.01	mg/kg		0.01	mg/kg	0.000001 %		
3		anthracene		204-371-1	120-12-7		0.04	mg/kg		0.04	mg/kg	0.000004 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	14	mg/kg		14	mg/kg	0.0014 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		27	mg/kg		27	mg/kg	0.0027 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		0.12	mg/kg		0.12	mg/kg	0.000012 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.14	mg/kg		0.14	mg/kg	0.000014 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.18	mg/kg		0.18	mg/kg	0.000018 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.23	mg/kg		0.23	mg/kg	0.000023 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.4	mg/kg		1.4	mg/kg	0.00014 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<LOD
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.1	mg/kg		3.1	mg/kg	0.00031 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28	mg/kg	1.462	40.924	mg/kg	0.00409 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.15	mg/kg		0.15	mg/kg	0.000015 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		1170	mg/kg	1.252	1464.579	mg/kg	0.146 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.31	mg/kg		0.31	mg/kg	0.000031 %		
21		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.14	mg/kg		0.14	mg/kg	0.000014 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1800	mg/kg		1800	mg/kg	0.18 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
24		mercury { mercury }				2.1	mg/kg		2.1	mg/kg	0.00021 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	49	mg/kg		49	mg/kg	0.0049 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				5175	mg/kg		5175	mg/kg	0.518 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				30	mg/kg	1.785	53.556	mg/kg	0.00536 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				659	mg/kg	1.245	820.267	mg/kg	0.082 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.946 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH306[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH306[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.172%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.172%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.172%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		1720 mg/kg		1720 mg/kg	0.172 %		
								Total:	0.172 %		

Key

	User supplied data
	Hazardous result
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: BH307

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH307
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.02 mg/kg		0.02 mg/kg	0.000002 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	56 mg/kg		56 mg/kg	0.0056 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		44 mg/kg		44 mg/kg	0.0044 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.27 mg/kg		0.27 mg/kg	0.000027 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.37 mg/kg		0.37 mg/kg	0.000037 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.52 mg/kg		0.52 mg/kg	0.000052 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.3 mg/kg		2.3 mg/kg	0.00023 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				420	mg/kg	1.252	525.746	mg/kg	0.0526 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.47	mg/kg		0.47	mg/kg	0.000047 %		
			205-912-4	206-44-0									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	283	mg/kg		283	mg/kg	0.0283 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	40	mg/kg		40	mg/kg	0.004 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				17	mg/kg		17	mg/kg	0.0017 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				147	mg/kg	1.245	182.973	mg/kg	0.0183 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.125 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0017%)

Classification of sample: BH308

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH308	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	TPH (C6 to C40) petroleum group		TPH		697 mg/kg		697 mg/kg	0.0697 %		
								Total:	0.0697 %		

Key

User supplied data

• Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0697%)

Classification of sample: BH308[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
BH308[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.115%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		0.03 mg/kg		0.03 mg/kg	0.000003 %		
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	131 mg/kg		131 mg/kg	0.0131 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		47 mg/kg		47 mg/kg	0.0047 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.18 mg/kg		0.18 mg/kg	0.000018 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.22 mg/kg		0.22 mg/kg	0.000022 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.28 mg/kg		0.28 mg/kg	0.000028 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.4 mg/kg		2.4 mg/kg	0.00024 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	3 mg/kg		3 mg/kg	0.0003 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5									
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		231 mg/kg	1.252	289.16 mg/kg	0.0289 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.32 mg/kg		0.32 mg/kg	0.000032 %		
21		fluorene		201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15 mg/kg		0.15 mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1150 mg/kg		1150 mg/kg	0.115 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.37 mg/kg		0.37 mg/kg	0.000037 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.05 mg/kg		0.05 mg/kg	0.000005 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	49 mg/kg		49 mg/kg	0.0049 %		
27		phenanthrene		201-581-5	85-01-8		0.17 mg/kg		0.17 mg/kg	0.000017 %		
28		monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		0.32 mg/kg		0.32 mg/kg	0.000032 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		2 mg/kg		2 mg/kg	0.0002 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		517 mg/kg		517 mg/kg	0.0517 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37 mg/kg	1.785	66.052 mg/kg	0.00661 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		99 mg/kg	1.245	123.227 mg/kg	0.0123 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1 mg/kg	2.27	<2.27 mg/kg	<0.000227 %		<LOD
									Total:	0.243 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0517%)

Classification of sample: BH309

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH309	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
								Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: BH309[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH309[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.02	mg/kg		0.02	mg/kg	0.000002 %		
2	acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25	mg/kg		25	mg/kg	0.0025 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1	mg/kg		1	mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.2	mg/kg		1.2	mg/kg	0.00012 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		71	mg/kg	1.252	88.876	mg/kg	0.00889 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.14	mg/kg		0.14	mg/kg	0.000014 %		
21		fluorene		201-695-5	86-73-7		0.01	mg/kg		0.01	mg/kg	0.000001 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	169	mg/kg		169	mg/kg	0.0169 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.57	mg/kg		0.57	mg/kg	0.000057 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	18	mg/kg		18	mg/kg	0.0018 %		
27		phenanthrene		201-581-5	85-01-8		0.14	mg/kg		0.14	mg/kg	0.000014 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		0.15	mg/kg		0.15	mg/kg	0.000015 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		69	mg/kg		69	mg/kg	0.0069 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		59	mg/kg	1.245	73.438	mg/kg	0.00734 %		
											Total:	0.0527 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0069%)

Classification of sample: BH310

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH310
Sample Depth:
5.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.01	mg/kg		0.01	mg/kg	0.000001 %		
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
3		anthracene		204-371-1	120-12-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<LOD
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		2	mg/kg		2	mg/kg	0.0002 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<LOD
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6	mg/kg	1.462	8.769	mg/kg	0.000877 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		6	mg/kg	1.252	7.511	mg/kg	0.000751 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1	mg/kg	1.884	1.884	mg/kg	0.000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
21		fluorene		201-695-5	86-73-7		0.01	mg/kg		0.01	mg/kg	0.000001 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9	mg/kg		9	mg/kg	0.0009 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	7	mg/kg		7	mg/kg	0.0007 %		
27		phenanthrene		201-581-5	85-01-8		0.13	mg/kg		0.13	mg/kg	0.000013 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		306	mg/kg		306	mg/kg	0.0306 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		7	mg/kg	1.785	12.496	mg/kg	0.00125 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		17	mg/kg	1.245	21.16	mg/kg	0.00212 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0392 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0306%)

Classification of sample: BH310[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH310[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.4 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1		benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2							
2	●	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4							
3		toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3							
								Total:	3.0e-07 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: BH310[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH310[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
								Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: BH313

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH313
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.03 mg/kg		0.03 mg/kg	0.000003 %		
2	acenaphthylene		205-917-1	208-96-8		0.02 mg/kg		0.02 mg/kg	0.000002 %		
3	anthracene		204-371-1	120-12-7		0.07 mg/kg		0.07 mg/kg	0.000007 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13 mg/kg		13 mg/kg	0.0013 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.27 mg/kg		0.27 mg/kg	0.000027 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.32 mg/kg		0.32 mg/kg	0.000032 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.3 mg/kg		0.3 mg/kg	0.00003 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.33	mg/kg		0.33	mg/kg	0.000033 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		36	mg/kg	1.252	45.064	mg/kg	0.00451 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.57	mg/kg		0.57	mg/kg	0.000057 %		
21		fluorene		201-695-5	86-73-7		0.02	mg/kg		0.02	mg/kg	0.000002 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.14	mg/kg		0.14	mg/kg	0.000014 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	74	mg/kg		74	mg/kg	0.0074 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.61	mg/kg		0.61	mg/kg	0.000061 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22	mg/kg		22	mg/kg	0.0022 %		
27		phenanthrene		201-581-5	85-01-8		0.23	mg/kg		0.23	mg/kg	0.000023 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		0.65	mg/kg		0.65	mg/kg	0.000065 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		97	mg/kg		97	mg/kg	0.0097 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		59	mg/kg	1.245	73.438	mg/kg	0.00734 %		
											Total:	0.0433 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0097%)

Classification of sample: BH313[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH313[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	TPH (C6 to C40) petroleum group		TPH		17 mg/kg		17 mg/kg	0.0017 %		
								Total:	0.0017 %		

Key

- User supplied data
- • Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0017%)

Classification of sample: BH320

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH320	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
4.35 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		57 mg/kg		57 mg/kg	0.0057 %		
								Total:	0.0057 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0057%)

Classification of sample: BH320[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH320[2]
Sample Depth:
6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.92 mg/kg		1.92 mg/kg	0.000192 %		
2	acenaphthylene		205-917-1	208-96-8		0.5 mg/kg		0.5 mg/kg	0.00005 %		
3	anthracene		204-371-1	120-12-7		1 mg/kg		1 mg/kg	0.0001 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.86 mg/kg		0.86 mg/kg	0.000086 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.33 mg/kg		1.33 mg/kg	0.000133 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.72 mg/kg		1.72 mg/kg	0.000172 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1 mg/kg		1 mg/kg	0.0001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9 mg/kg	1.462	13.154 mg/kg	0.00132 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.35	mg/kg		1.35	mg/kg	0.000135 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		5	mg/kg	1.252	6.259	mg/kg	0.000626 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.11	mg/kg		0.11	mg/kg	0.000011 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		2.1	mg/kg		2.1	mg/kg	0.00021 %		
21		fluorene		201-695-5	86-73-7		0.62	mg/kg		0.62	mg/kg	0.000062 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.56	mg/kg		0.56	mg/kg	0.000056 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	4	mg/kg		4	mg/kg	0.0004 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		2.27	mg/kg		2.27	mg/kg	0.000227 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	4	mg/kg		4	mg/kg	0.0004 %		
27		phenanthrene		201-581-5	85-01-8		1.5	mg/kg		1.5	mg/kg	0.00015 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		5.12	mg/kg		5.12	mg/kg	0.000512 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		348	mg/kg		348	mg/kg	0.0348 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		5	mg/kg	1.785	8.926	mg/kg	0.000893 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		12	mg/kg	1.245	14.937	mg/kg	0.00149 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.044 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0348%)

Classification of sample: BH322

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH322	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		68 mg/kg		68 mg/kg	0.0068 %		
								Total:	0.0068 %		

Key

	User supplied data
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0068%)

Classification of sample: BH323

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH323	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		43 mg/kg		43 mg/kg	0.0043 %		
								Total:	0.0043 %		

Key

User supplied data

● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0043%)

Classification of sample: BH323[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH323[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.141%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.141%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.141%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		19.9	mg/kg		19.9	mg/kg	0.00199 %		
2		acenaphthylene		205-917-1	208-96-8		1.48	mg/kg		1.48	mg/kg	0.000148 %		
3		anthracene		204-371-1	120-12-7		31.4	mg/kg		31.4	mg/kg	0.00314 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12	mg/kg		12	mg/kg	0.0012 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		11.6	mg/kg		11.6	mg/kg	0.00116 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		37	mg/kg		37	mg/kg	0.0037 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		22.8	mg/kg		22.8	mg/kg	0.00228 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		24.2	mg/kg		24.2	mg/kg	0.00242 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<LOD
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3	mg/kg		3	mg/kg	0.0003 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29	mg/kg	1.462	42.385	mg/kg	0.00424 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		45.4	mg/kg		45.4	mg/kg	0.00454 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		148	mg/kg	1.252	185.263	mg/kg	0.0185 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				2	mg/kg	1.884	3.768	mg/kg	0.000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		3.56	mg/kg		3.56	mg/kg	0.000356 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		81.8	mg/kg		81.8	mg/kg	0.00818 %		
21		fluorene		201-695-5	86-73-7		21.9	mg/kg		21.9	mg/kg	0.00219 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		13.1	mg/kg		13.1	mg/kg	0.00131 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	162	mg/kg		162	mg/kg	0.0162 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.51	mg/kg		0.51	mg/kg	0.000051 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		27	mg/kg		27	mg/kg	0.0027 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26	mg/kg		26	mg/kg	0.0026 %		
27		phenanthrene		201-581-5	85-01-8		127	mg/kg		127	mg/kg	0.0127 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		79.8	mg/kg		79.8	mg/kg	0.00798 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				1410	mg/kg		1410	mg/kg	0.141 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				338	mg/kg	1.245	420.713	mg/kg	0.0421 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.286 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: BH324

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH324	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1	●	TPH (C6 to C40) petroleum group		TPH		20	mg/kg		20	mg/kg	0.002 %		
										Total:	0.002 %		

Key

User supplied data

● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

Classification of sample: BH324[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH324[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		2.02 mg/kg		2.02 mg/kg	0.000202 %		
2	acenaphthylene		205-917-1	208-96-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
3	anthracene		204-371-1	120-12-7		2.07 mg/kg		2.07 mg/kg	0.000207 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		37 mg/kg		37 mg/kg	0.0037 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.72 mg/kg		0.72 mg/kg	0.000072 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.52 mg/kg		3.52 mg/kg	0.000352 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.54 mg/kg		2.54 mg/kg	0.000254 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.6 mg/kg		2.6 mg/kg	0.00026 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.4 mg/kg		1.4 mg/kg	0.00014 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.5 mg/kg		2.5 mg/kg	0.00025 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				2.9	mg/kg		2.9	mg/kg	0.00029 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				142	mg/kg	1.252	177.752	mg/kg	0.0178 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				8.04	mg/kg		8.04	mg/kg	0.000804 %		
			205-912-4	206-44-0									
21		fluorene				1.37	mg/kg		1.37	mg/kg	0.000137 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.97	mg/kg		0.97	mg/kg	0.000097 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	320	mg/kg		320	mg/kg	0.032 %		
		082-001-00-6											
24		mercury { mercury }				0.99	mg/kg		0.99	mg/kg	0.000099 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				10.2	mg/kg		10.2	mg/kg	0.00102 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				11.5	mg/kg		11.5	mg/kg	0.00115 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
				P1186									
29		pyrene				7.22	mg/kg		7.22	mg/kg	0.000722 %		
			204-927-3	129-00-0									
30		selenium { selenium }				2	mg/kg		2	mg/kg	0.0002 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				672	mg/kg		672	mg/kg	0.0672 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				34	mg/kg	1.785	60.696	mg/kg	0.00607 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				226	mg/kg	1.245	281.305	mg/kg	0.0281 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.169 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0672%)

Classification of sample: BH326

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH326	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.01	mg/kg		0.01	mg/kg	0.000001 %		
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6	mg/kg		6	mg/kg	0.0006 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16	mg/kg		16	mg/kg	0.0016 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08	mg/kg		0.08	mg/kg	0.000008 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13	mg/kg		0.13	mg/kg	0.000013 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3.6	mg/kg		3.6	mg/kg	0.00036 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.3	mg/kg		3.3	mg/kg	0.00033 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				179	mg/kg	1.252	224.068	mg/kg	0.0224 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-912-4	206-44-0									
21		fluorene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	109	mg/kg		109	mg/kg	0.0109 %		
		082-001-00-6											
24		mercury { mercury }				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	48	mg/kg		48	mg/kg	0.0048 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				58	mg/kg		58	mg/kg	0.0058 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				117	mg/kg	1.245	145.632	mg/kg	0.0146 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0742 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0058%)

Classification of sample: BH326[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
BH326[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
3.4 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
				TPH							
								Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: BH327

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH327	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
								Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: BH327[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
BH327[2]
Sample Depth:
7.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.102%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	9 mg/kg		9 mg/kg	0.0009 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		42 mg/kg		42 mg/kg	0.0042 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.08 mg/kg		0.08 mg/kg	0.000008 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.11 mg/kg		0.11 mg/kg	0.000011 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.12 mg/kg		0.12 mg/kg	0.000012 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.4 mg/kg		2.4 mg/kg	0.00024 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	5 mg/kg		5 mg/kg	0.0005 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.13	mg/kg		0.13	mg/kg	0.000013 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		460	mg/kg	1.252	575.817	mg/kg	0.0576 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				4	mg/kg	1.884	7.536	mg/kg	0.000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.31	mg/kg		0.31	mg/kg	0.000031 %		
21		fluorene		201-695-5	86-73-7		0.01	mg/kg		0.01	mg/kg	0.000001 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08	mg/kg		0.08	mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1020	mg/kg		1020	mg/kg	0.102 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.36	mg/kg		1.36	mg/kg	0.000136 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.08	mg/kg		0.08	mg/kg	0.000008 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	46	mg/kg		46	mg/kg	0.0046 %		
27		phenanthrene		201-581-5	85-01-8		0.31	mg/kg		0.31	mg/kg	0.000031 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		0.35	mg/kg		0.35	mg/kg	0.000035 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		2	mg/kg		2	mg/kg	0.0002 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		22	mg/kg		22	mg/kg	0.0022 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		56	mg/kg	1.785	99.97	mg/kg	0.01 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		908	mg/kg	1.245	1130.2	mg/kg	0.113 %		
											Total:	0.301 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0022%)

Classification of sample: BH328

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
BH328	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		222 mg/kg		222 mg/kg	0.0222 %		
								Total:	0.0222 %		

Key

User supplied data

● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0222%)

Classification of sample: BH328[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
BH328[2]
Sample Depth:
2.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.16 mg/kg		0.16 mg/kg	0.000016 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5 mg/kg		5 mg/kg	0.0005 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		59 mg/kg		59 mg/kg	0.0059 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.11 mg/kg		0.11 mg/kg	0.000011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.29 mg/kg		0.29 mg/kg	0.000029 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.2 mg/kg		0.2 mg/kg	0.00002 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.9 mg/kg		3.9 mg/kg	0.00039 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				158	mg/kg	1.252	197.781	mg/kg	0.0198 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.79	mg/kg		0.79	mg/kg	0.000079 %		
			205-912-4	206-44-0									
21		fluorene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	173	mg/kg		173	mg/kg	0.0173 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				1.97	mg/kg		1.97	mg/kg	0.000197 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.52	mg/kg		1.52	mg/kg	0.000152 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
				P1186									
29		pyrene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
			204-927-3	129-00-0									
30		selenium { selenium }				2	mg/kg		2	mg/kg	0.0002 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				406	mg/kg		406	mg/kg	0.0406 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	92.83	mg/kg	0.00928 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				264	mg/kg	1.245	328.604	mg/kg	0.0329 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.134 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0406%)

Classification of sample: GEO_BH201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH201	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.18 mg/kg		0.18 mg/kg	0.000018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.5 mg/kg		5.5 mg/kg	0.00055 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.14	mg/kg		0.14	mg/kg	0.000014 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		33	mg/kg	1.252	41.309	mg/kg	0.00413 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.32	mg/kg		0.32	mg/kg	0.000032 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	27	mg/kg		27	mg/kg	0.0027 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	9.8	mg/kg		9.8	mg/kg	0.00098 %		
27		phenanthrene		201-581-5	85-01-8		0.14	mg/kg		0.14	mg/kg	0.000014 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.26	mg/kg		0.26	mg/kg	0.000026 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.0221 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH202	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.4 mg/kg		8.4 mg/kg	0.00084 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		56 mg/kg	1.252	70.099 mg/kg	0.00701 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		**<LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	48 mg/kg		48 mg/kg	0.0048 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.16 mg/kg		0.16 mg/kg	0.000016 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				83	mg/kg	1.245	103.311	mg/kg	0.0103 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0326 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH202[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH202[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
2	acenaphthylene		205-917-1	208-96-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
3	anthracene		204-371-1	120-12-7		0.38 mg/kg		0.38 mg/kg	0.000038 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		15 mg/kg		15 mg/kg	0.0015 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.49 mg/kg		0.49 mg/kg	0.000049 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.31 mg/kg		0.31 mg/kg	0.000031 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.39 mg/kg		0.39 mg/kg	0.000039 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.58	mg/kg		0.58	mg/kg	0.000058 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		120	mg/kg	1.252	150.213	mg/kg	0.015 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		1.9	mg/kg		1.9	mg/kg	0.00019 %		
21		fluorene		201-695-5	86-73-7		0.29	mg/kg		0.29	mg/kg	0.000029 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.12	mg/kg		0.12	mg/kg	0.000012 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	140	mg/kg		140	mg/kg	0.014 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45	mg/kg		0.45	mg/kg	0.000045 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.27	mg/kg		0.27	mg/kg	0.000027 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	30	mg/kg		30	mg/kg	0.003 %		
27		phenanthrene		201-581-5	85-01-8		2.2	mg/kg		2.2	mg/kg	0.00022 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		1.8	mg/kg		1.8	mg/kg	0.00018 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		52.5	mg/kg		52.5	mg/kg	0.00525 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		190	mg/kg	1.245	236.496	mg/kg	0.0236 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.0735 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00525%)

Classification of sample: GEO_BH203

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
GEO_BH203
Sample Depth:
11.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

copper(II) oxide: (compound conc.: 0.939%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.7 mg/kg		9.7 mg/kg	0.00097 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		7500 mg/kg	1.252	9388.325 mg/kg	0.939 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1 mg/kg	1.884	0.188 mg/kg	0.0000188 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	63 mg/kg		63 mg/kg	0.0063 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.1 mg/kg		0.1 mg/kg	0.00001 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
11		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
12		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				330	mg/kg	1.245	410.756	mg/kg	0.0411 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.996 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH203[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH203[2]
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.09 mg/kg		0.09 mg/kg	0.000009 %		
2	acenaphthylene		205-917-1	208-96-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
3	anthracene		204-371-1	120-12-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.7 mg/kg		2.7 mg/kg	0.00027 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		32 mg/kg		32 mg/kg	0.0032 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.27 mg/kg		0.27 mg/kg	0.000027 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.48 mg/kg		0.48 mg/kg	0.000048 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.41 mg/kg		0.41 mg/kg	0.000041 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.51 mg/kg		0.51 mg/kg	0.000051 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				62	mg/kg	1.252	77.61	mg/kg	0.00776 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
			205-912-4	206-44-0									
21		fluorene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	54	mg/kg		54	mg/kg	0.0054 %		
		082-001-00-6											
24		mercury { mercury }				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	34	mg/kg		34	mg/kg	0.0034 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				2	mg/kg		2	mg/kg	0.0002 %		
			204-927-3	129-00-0									
30		selenium { selenium }				3.1	mg/kg		3.1	mg/kg	0.00031 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				110	mg/kg	1.785	196.37	mg/kg	0.0196 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				240	mg/kg	1.245	298.731	mg/kg	0.0299 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0746 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH203[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH203[3]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				240	mg/kg		240	mg/kg	0.024 %		
				TPH									
										Total:	0.024 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.024%)

Classification of sample: GEO_BH203[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH203[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
6.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
2	acenaphthylene		205-917-1	208-96-8		0.3 mg/kg		0.3 mg/kg	0.00003 %		
3	anthracene		204-371-1	120-12-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7.3 mg/kg		7.3 mg/kg	0.00073 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		20 mg/kg		20 mg/kg	0.002 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
7	benzo[ghi]perylene		205-883-8	191-24-2		0.48 mg/kg		0.48 mg/kg	0.000048 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.84 mg/kg		0.84 mg/kg	0.000084 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.8 mg/kg		0.8 mg/kg	0.00008 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.62 mg/kg		0.62 mg/kg	0.000062 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.83	mg/kg		0.83	mg/kg	0.000083 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				2.4	mg/kg		2.4	mg/kg	0.00024 %		
			205-912-4	206-44-0									
21		fluorene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	200	mg/kg		200	mg/kg	0.02 %		
		082-001-00-6											
24		mercury { mercury }				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				2.2	mg/kg		2.2	mg/kg	0.00022 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	29	mg/kg		29	mg/kg	0.0029 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				7.1	mg/kg		7.1	mg/kg	0.00071 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				4.6	mg/kg		4.6	mg/kg	0.00046 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				118.6	mg/kg		118.6	mg/kg	0.0119 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				47	mg/kg	1.785	83.904	mg/kg	0.00839 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				260	mg/kg	1.245	323.626	mg/kg	0.0324 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.103 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 0.00001%)
ethylbenzene: (conc.: 0.00002%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0119%)

Classification of sample: GEO_BH204

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH204
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.9 mg/kg		3.9 mg/kg	0.00039 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		29 mg/kg		29 mg/kg	0.0029 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.4 mg/kg		1.4 mg/kg	0.00014 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		180 mg/kg	1.252	225.32 mg/kg	0.0225 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.7 mg/kg	1.884	3.203 mg/kg	0.00032 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	280 mg/kg		280 mg/kg	0.028 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		24 mg/kg		24 mg/kg	0.0024 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29 mg/kg		29 mg/kg	0.0029 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				46	mg/kg	1.785	82.119	mg/kg	0.00821 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				220	mg/kg	1.245	273.837	mg/kg	0.0274 %		
		030-013-00-7	215-222-5	1314-13-2									
16		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0985 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH205
Sample Depth:
1.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.6 mg/kg		6.6 mg/kg	0.00066 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				18	mg/kg	1.252	22.532	mg/kg	0.00225 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.8	mg/kg		9.8	mg/kg	0.00098 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				41	mg/kg	1.245	51.033	mg/kg	0.0051 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0169 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH205[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH205[2]
Sample Depth:
2.8 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.7 mg/kg		6.7 mg/kg	0.00067 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				13	mg/kg	1.252	16.273	mg/kg	0.00163 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6.4	mg/kg		6.4	mg/kg	0.00064 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	14	mg/kg		14	mg/kg	0.0014 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				29	mg/kg	1.245	36.097	mg/kg	0.00361 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0133 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH206
Sample Depth:
3.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	14 mg/kg		14 mg/kg	0.0014 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28 mg/kg		28 mg/kg	0.0028 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				63	mg/kg	1.245	78.417	mg/kg	0.00784 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0235 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH206[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH206[2]
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.09 mg/kg		0.09 mg/kg	0.000009 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.17 mg/kg		0.17 mg/kg	0.000017 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.5 mg/kg		2.5 mg/kg	0.00025 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.27 mg/kg		0.27 mg/kg	0.000027 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.22 mg/kg		0.22 mg/kg	0.000022 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.24 mg/kg		0.24 mg/kg	0.000024 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				73	mg/kg	1.252	91.38	mg/kg	0.00914 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
			205-912-4	206-44-0									
21		fluorene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	51	mg/kg		51	mg/kg	0.0051 %		
		082-001-00-6											
24		mercury { mercury }				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.17	mg/kg		0.17	mg/kg	0.000017 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.83	mg/kg		0.83	mg/kg	0.000083 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.76	mg/kg		0.76	mg/kg	0.000076 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				180	mg/kg	1.245	224.049	mg/kg	0.0224 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0543 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH207
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.2 mg/kg		0.2 mg/kg	0.00002 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		53 mg/kg		53 mg/kg	0.0053 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.13 mg/kg		0.13 mg/kg	0.000013 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.4 mg/kg		0.4 mg/kg	0.00004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.45 mg/kg		0.45 mg/kg	0.000045 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.6 mg/kg		2.6 mg/kg	0.00026 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.44	mg/kg		0.44	mg/kg	0.000044 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				240	mg/kg	1.252	300.426	mg/kg	0.03 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			205-912-4	206-44-0									
21		fluorene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	240	mg/kg		240	mg/kg	0.024 %		
		082-001-00-6											
24		mercury { mercury }				0.69	mg/kg		0.69	mg/kg	0.000069 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.51	mg/kg		0.51	mg/kg	0.000051 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.3	mg/kg		1.3	mg/kg	0.00013 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1	mg/kg		1	mg/kg	0.0001 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				61	mg/kg	1.785	108.896	mg/kg	0.0109 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				300	mg/kg	1.245	373.414	mg/kg	0.0373 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.118 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH207[2]
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
				TPH									
										Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: GEO_BH207[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH207[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
5.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.9 mg/kg		5.9 mg/kg	0.00059 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		190 mg/kg	1.462	277.696 mg/kg	0.0278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130 mg/kg	1.252	162.731 mg/kg	0.0163 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1.3 mg/kg	1.884	2.449 mg/kg	0.000245 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	190 mg/kg		190 mg/kg	0.019 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.17 mg/kg		0.17 mg/kg	0.000017 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25 mg/kg		25 mg/kg	0.0025 %		
12	monohydric phenols			P1186		0.4 mg/kg		0.4 mg/kg	0.00004 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				1.3	mg/kg		1.3	mg/kg	0.00013 %		
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				640	mg/kg	1.785	1142.518	mg/kg	0.114 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.194 %		

Key

	User supplied data
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH207[4]
Sample Depth:
10.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.8 mg/kg		2.8 mg/kg	0.00028 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3.9 mg/kg		3.9 mg/kg	0.00039 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		160 mg/kg	1.252	200.284 mg/kg	0.02 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				9.1 mg/kg	1.884	17.144 mg/kg	0.00171 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	170 mg/kg		170 mg/kg	0.017 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.21 mg/kg		0.21 mg/kg	0.000021 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	45 mg/kg		45 mg/kg	0.0045 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				68	mg/kg	1.785	121.393	mg/kg	0.0121 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0801 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH207[5]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH207[5]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
13.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
3	anthracene		204-371-1	120-12-7		0.39 mg/kg		0.39 mg/kg	0.000039 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.1 mg/kg		2.1 mg/kg	0.00021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		30 mg/kg		30 mg/kg	0.003 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.18 mg/kg		0.18 mg/kg	0.000018 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.45 mg/kg		0.45 mg/kg	0.000045 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.3 mg/kg		0.3 mg/kg	0.00003 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.43 mg/kg		0.43 mg/kg	0.000043 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.41	mg/kg		0.41	mg/kg	0.000041 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				79	mg/kg	1.252	98.89	mg/kg	0.00989 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				18	mg/kg	1.884	33.912	mg/kg	0.00339 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-912-4	206-44-0									
21		fluorene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	140	mg/kg		140	mg/kg	0.014 %		
		082-001-00-6											
24		mercury { mercury }				0.2	mg/kg		0.2	mg/kg	0.00002 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	35	mg/kg		35	mg/kg	0.0035 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			201-581-5	85-01-8									
28		monohydric phenols				1.5	mg/kg		1.5	mg/kg	0.00015 %		
				P1186									
29		pyrene				1.8	mg/kg		1.8	mg/kg	0.00018 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	73.193	mg/kg	0.00732 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0638 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH208	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.03 mg/kg		0.03 mg/kg	0.000003 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	8.9 mg/kg		8.9 mg/kg	0.00089 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.19 mg/kg		0.19 mg/kg	0.000019 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.23 mg/kg		0.23 mg/kg	0.000023 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.18	mg/kg		0.18	mg/kg	0.000018 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		220	mg/kg	1.252	275.391	mg/kg	0.0275 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.54	mg/kg		0.54	mg/kg	0.000054 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.07	mg/kg		0.07	mg/kg	0.000007 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	150	mg/kg		150	mg/kg	0.015 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		10	mg/kg		10	mg/kg	0.001 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28	mg/kg		28	mg/kg	0.0028 %		
27		phenanthrene		201-581-5	85-01-8		0.29	mg/kg		0.29	mg/kg	0.000029 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.55	mg/kg		0.55	mg/kg	0.000055 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.6	mg/kg		0.6	mg/kg	0.00006 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		48	mg/kg	1.785	85.689	mg/kg	0.00857 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0822 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH208[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH208[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.3 mg/kg		2.3 mg/kg	0.00023 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25 mg/kg		25 mg/kg	0.0025 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.12	mg/kg		0.12	mg/kg	0.000012 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	90	mg/kg		90	mg/kg	0.009 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.07	mg/kg		0.07	mg/kg	0.000007 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	30	mg/kg		30	mg/kg	0.003 %		
27		phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.1	mg/kg		0.1	mg/kg	0.00001 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0544 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH208[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH208[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
8.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.5 mg/kg		6.5 mg/kg	0.00065 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		36 mg/kg		36 mg/kg	0.0036 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		220 mg/kg	1.252	275.391 mg/kg	0.0275 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6 mg/kg	1.884	1.13 mg/kg	0.000113 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		17 mg/kg		17 mg/kg	0.0017 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	33 mg/kg		33 mg/kg	0.0033 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				52	mg/kg	1.785	92.83	mg/kg	0.00928 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0844 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH209

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH209

Sample Depth:
1.2 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.6	mg/kg		3.6	mg/kg	0.00036 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		22	mg/kg		22	mg/kg	0.0022 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.04	mg/kg		0.04	mg/kg	0.000004 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08	mg/kg		0.08	mg/kg	0.000008 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.07	mg/kg		0.07	mg/kg	0.000007 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.1	mg/kg		2.1	mg/kg	0.00021 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3	mg/kg	5.719	1.716	mg/kg	0.000172 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.11	mg/kg		0.11	mg/kg	0.000011 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.27	mg/kg		0.27	mg/kg	0.000027 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.04	mg/kg		0.04	mg/kg	0.000004 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	100	mg/kg		100	mg/kg	0.01 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.48	mg/kg		0.48	mg/kg	0.000048 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.21	mg/kg		0.21	mg/kg	0.000021 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	37	mg/kg		37	mg/kg	0.0037 %		
27		phenanthrene		201-581-5	85-01-8		0.31	mg/kg		0.31	mg/kg	0.000031 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.24	mg/kg		0.24	mg/kg	0.000024 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0643 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH209[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH209[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.4 mg/kg		6.4 mg/kg	0.00064 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.2 mg/kg	1.462	13.446 mg/kg	0.00134 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9.4 mg/kg		9.4 mg/kg	0.00094 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12 mg/kg		12 mg/kg	0.0012 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				32	mg/kg	1.245	39.831	mg/kg	0.00398 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0129 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH210	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.9 mg/kg		2.9 mg/kg	0.00029 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.8 mg/kg	1.462	11.4 mg/kg	0.00114 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		210 mg/kg	1.252	262.873 mg/kg	0.0263 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		**<LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	260 mg/kg		260 mg/kg	0.026 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.15 mg/kg		0.15 mg/kg	0.000015 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	34 mg/kg		34 mg/kg	0.0034 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				38	mg/kg	1.245	47.299	mg/kg	0.00473 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0702 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH210[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH210[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.96	mg/kg		0.96	mg/kg	0.000096 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.41	mg/kg		0.41	mg/kg	0.000041 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.6	mg/kg		1.6	mg/kg	0.00016 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.8	mg/kg		7.8	mg/kg	0.00078 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.09	mg/kg		0.09	mg/kg	0.000009 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.28	mg/kg		0.28	mg/kg	0.000028 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.18	mg/kg		0.18	mg/kg	0.000018 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.25	mg/kg		0.25	mg/kg	0.000025 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9	mg/kg		0.9	mg/kg	0.00009 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4	mg/kg	5.719	2.288	mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2	mg/kg		0.2	mg/kg	0.00002 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22	mg/kg	1.462	32.154	mg/kg	0.00322 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.4	mg/kg		0.4	mg/kg	0.00004 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		30	mg/kg	1.252	37.553	mg/kg	0.00376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		1.3	mg/kg		1.3	mg/kg	0.00013 %		
21		fluorene		201-695-5	86-73-7		0.59	mg/kg		0.59	mg/kg	0.000059 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08	mg/kg		0.08	mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	29	mg/kg		29	mg/kg	0.0029 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.09	mg/kg		0.09	mg/kg	0.000009 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29	mg/kg		29	mg/kg	0.0029 %		
27		phenanthrene		201-581-5	85-01-8		2.7	mg/kg		2.7	mg/kg	0.00027 %		
28		monohydric phenols			P1186		0.3	mg/kg		0.3	mg/kg	0.00003 %		
29		pyrene		204-927-3	129-00-0		1.3	mg/kg		1.3	mg/kg	0.00013 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		45.6	mg/kg		45.6	mg/kg	0.00456 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		51	mg/kg	1.245	63.48	mg/kg	0.00635 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.0308 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00456%)

Classification of sample: GEO_BH211A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.05 mg/kg		0.05 mg/kg	0.000005 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.2 mg/kg		6.2 mg/kg	0.00062 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.09 mg/kg		0.09 mg/kg	0.000009 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.09 mg/kg		0.09 mg/kg	0.000009 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		190	mg/kg	1.252	237.838	mg/kg	0.0238 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				2.9	mg/kg	1.884	5.464	mg/kg	0.000546 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.29	mg/kg		0.29	mg/kg	0.000029 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.04	mg/kg		0.04	mg/kg	0.000004 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	490	mg/kg		490	mg/kg	0.049 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.28	mg/kg		0.28	mg/kg	0.000028 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.08	mg/kg		0.08	mg/kg	0.000008 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29	mg/kg		29	mg/kg	0.0029 %		
27		phenanthrene		201-581-5	85-01-8		0.23	mg/kg		0.23	mg/kg	0.000023 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.27	mg/kg		0.27	mg/kg	0.000027 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		1.2	mg/kg		1.2	mg/kg	0.00012 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		50.9	mg/kg		50.9	mg/kg	0.00509 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
											Total:	0.11 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00509%)

Classification of sample: GEO_BH211A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A[2]
Sample Depth:
5.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11	mg/kg		11	mg/kg	0.0011 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		35	mg/kg		35	mg/kg	0.0035 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.05	mg/kg		0.05	mg/kg	0.000005 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1	mg/kg		0.1	mg/kg	0.00001 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.06	mg/kg		0.06	mg/kg	0.000006 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2	mg/kg		2	mg/kg	0.0002 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1	mg/kg	5.719	5.719	mg/kg	0.000572 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14	mg/kg	1.462	20.462	mg/kg	0.00205 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				410	mg/kg	1.252	513.228	mg/kg	0.0513 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				2.5	mg/kg	1.884	4.71	mg/kg	0.000471 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	600	mg/kg		600	mg/kg	0.06 %		
		082-001-00-6											
24		mercury { mercury }				0.95	mg/kg		0.95	mg/kg	0.000095 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	37	mg/kg		37	mg/kg	0.0037 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.9	mg/kg		0.9	mg/kg	0.00009 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				140	mg/kg	1.245	174.26	mg/kg	0.0174 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.15 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH211A[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:
GEO_BH211A[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
9 m	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	7 mg/kg		7 mg/kg	0.0007 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		50 mg/kg		50 mg/kg	0.005 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2 mg/kg	5.719	11.438 mg/kg	0.00114 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		470 mg/kg	1.462	686.931 mg/kg	0.0687 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		230 mg/kg	1.252	287.909 mg/kg	0.0288 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				47 mg/kg	1.884	88.548 mg/kg	0.00885 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	460 mg/kg		460 mg/kg	0.046 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.2 mg/kg		1.2 mg/kg	0.00012 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28 mg/kg		28 mg/kg	0.0028 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				0.8	mg/kg		0.8	mg/kg	0.00008 %		
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.183 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH211A[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH211A[4]
Sample Depth:
10.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.5 mg/kg		2.5 mg/kg	0.00025 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		110 mg/kg	1.462	160.771 mg/kg	0.0161 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		78	mg/kg	1.252	97.639	mg/kg	0.00976 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				12	mg/kg	1.884	22.608	mg/kg	0.00226 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	180	mg/kg		180	mg/kg	0.018 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.87	mg/kg		0.87	mg/kg	0.000087 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
27		phenanthrene		201-581-5	85-01-8		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		194	mg/kg		194	mg/kg	0.0194 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		120	mg/kg	1.245	149.366	mg/kg	0.0149 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0907 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0194%)

Classification of sample: GEO_BH212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH212
Sample Depth:
0.4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.46 mg/kg		0.46 mg/kg	0.000046 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.89 mg/kg		0.89 mg/kg	0.000089 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.6 mg/kg		5.6 mg/kg	0.00056 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		32 mg/kg		32 mg/kg	0.0032 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.2 mg/kg		1.2 mg/kg	0.00012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.6 mg/kg		0.6 mg/kg	0.00006 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1 mg/kg		1 mg/kg	0.0001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.4 mg/kg		1.4 mg/kg	0.00014 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				260	mg/kg	1.252	325.462	mg/kg	0.0325 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.9	mg/kg	1.884	1.696	mg/kg	0.00017 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-912-4	206-44-0									
21		fluorene				0.36	mg/kg		0.36	mg/kg	0.000036 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	430	mg/kg		430	mg/kg	0.043 %		
		082-001-00-6											
24		mercury { mercury }				0.88	mg/kg		0.88	mg/kg	0.000088 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	42	mg/kg		42	mg/kg	0.0042 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1.8	mg/kg		1.8	mg/kg	0.00018 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				41.8	mg/kg		41.8	mg/kg	0.00418 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				1500	mg/kg	1.245	1867.071	mg/kg	0.187 %		
		030-013-00-7	215-222-5	1314-13-2									
35		manganese { manganese sulphate }				1400	mg/kg	2.749	3847.989	mg/kg	0.385 %		
		025-003-00-4	232-089-9	7785-87-7									
36		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.675 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00418%)

Classification of sample: GEO_BH212[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH212[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.1 mg/kg		6.1 mg/kg	0.00061 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		80 mg/kg	1.252	100.142 mg/kg	0.01 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	850 mg/kg		850 mg/kg	0.085 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.3 mg/kg		0.3 mg/kg	0.00003 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				210	mg/kg	1.245	261.39	mg/kg	0.0261 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.133 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH212A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH212A
Sample Depth:
0.6 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		3.1	mg/kg		3.1	mg/kg	0.00031 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		3.2	mg/kg		3.2	mg/kg	0.00032 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.7	mg/kg		4.7	mg/kg	0.00047 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		26	mg/kg		26	mg/kg	0.0026 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.83	mg/kg		0.83	mg/kg	0.000083 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.9	mg/kg		2.9	mg/kg	0.00029 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.8	mg/kg		1.8	mg/kg	0.00018 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.6	mg/kg		2.6	mg/kg	0.00026 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5	mg/kg		1.5	mg/kg	0.00015 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7	mg/kg	5.719	4.003	mg/kg	0.0004 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7	mg/kg		0.7	mg/kg	0.00007 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	24.846	mg/kg	0.00248 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		3	mg/kg		3	mg/kg	0.0003 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		210	mg/kg	1.252	262.873	mg/kg	0.0263 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				3.1	mg/kg	1.884	5.84	mg/kg	0.000584 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.15	mg/kg		0.15	mg/kg	0.000015 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		12	mg/kg		12	mg/kg	0.0012 %		
21		fluorene		201-695-5	86-73-7		2.3	mg/kg		2.3	mg/kg	0.00023 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.66	mg/kg		0.66	mg/kg	0.000066 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	370	mg/kg		370	mg/kg	0.037 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45	mg/kg		0.45	mg/kg	0.000045 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		1.4	mg/kg		1.4	mg/kg	0.00014 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26	mg/kg		26	mg/kg	0.0026 %		
27		phenanthrene		201-581-5	85-01-8		15	mg/kg		15	mg/kg	0.0015 %		
28		monohydric phenols			P1186		0.3	mg/kg		0.3	mg/kg	0.00003 %		
29		pyrene		204-927-3	129-00-0		10	mg/kg		10	mg/kg	0.001 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		179.3	mg/kg		179.3	mg/kg	0.0179 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		36	mg/kg	1.785	64.267	mg/kg	0.00643 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
35		manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7		350	mg/kg	2.749	961.997	mg/kg	0.0962 %		
36		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.219 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0179%)

Classification of sample: GEO_BH213

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:
GEO_BH213	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
1.2 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.113%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		19 mg/kg		19 mg/kg	0.0019 %		
2	acenaphthylene		205-917-1	208-96-8		0.44 mg/kg		0.44 mg/kg	0.000044 %		
3	anthracene		204-371-1	120-12-7		24 mg/kg		24 mg/kg	0.0024 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.9 mg/kg		2.9 mg/kg	0.00029 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		16	mg/kg		16	mg/kg	0.0016 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		43	mg/kg		43	mg/kg	0.0043 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		26	mg/kg		26	mg/kg	0.0026 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		37	mg/kg		37	mg/kg	0.0037 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1	mg/kg		1	mg/kg	0.0001 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7	mg/kg	5.719	4.003	mg/kg	0.0004 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		50	mg/kg		50	mg/kg	0.005 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		91	mg/kg	1.252	113.912	mg/kg	0.0114 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		5	mg/kg		5	mg/kg	0.0005 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		120	mg/kg		120	mg/kg	0.012 %		
21		fluorene		201-695-5	86-73-7		15	mg/kg		15	mg/kg	0.0015 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		14	mg/kg		14	mg/kg	0.0014 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	100	mg/kg		100	mg/kg	0.01 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
25		naphthalene	601-052-00-2	202-049-5	91-20-3		7	mg/kg		7	mg/kg	0.0007 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25	mg/kg		25	mg/kg	0.0025 %		
27		phenanthrene		201-581-5	85-01-8		110	mg/kg		110	mg/kg	0.011 %		
28		monohydric phenols			P1186		0.8	mg/kg		0.8	mg/kg	0.00008 %		
29		pyrene		204-927-3	129-00-0		110	mg/kg		110	mg/kg	0.011 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				1131.5	mg/kg		1131.5	mg/kg	0.113 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.219 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH214

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH214	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.12	mg/kg		0.12	mg/kg	0.000012 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.2	mg/kg		2.2	mg/kg	0.00022 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		20	mg/kg		20	mg/kg	0.002 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.03	mg/kg		0.03	mg/kg	0.000003 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.15	mg/kg		0.15	mg/kg	0.000015 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08	mg/kg		0.08	mg/kg	0.000008 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.1	mg/kg		0.1	mg/kg	0.00001 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7	mg/kg		1.7	mg/kg	0.00017 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1	mg/kg	5.719	6.291	mg/kg	0.000629 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3	mg/kg		0.3	mg/kg	0.00003 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.15	mg/kg		0.15	mg/kg	0.000015 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		94	mg/kg	1.252	117.667	mg/kg	0.0118 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.55	mg/kg		0.55	mg/kg	0.000055 %		
21		fluorene		201-695-5	86-73-7		0.05	mg/kg		0.05	mg/kg	0.000005 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.04	mg/kg		0.04	mg/kg	0.000004 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	870	mg/kg		870	mg/kg	0.087 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.06	mg/kg		0.06	mg/kg	0.000006 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	29	mg/kg		29	mg/kg	0.0029 %		
27		phenanthrene		201-581-5	85-01-8		0.76	mg/kg		0.76	mg/kg	0.000076 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.46	mg/kg		0.46	mg/kg	0.000046 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
35		manganese { manganese sulphate }	025-003-00-4	232-089-9	7785-87-7		460	mg/kg	2.749	1264.339	mg/kg	0.126 %		
36		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.248 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH214A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_BH214A
Sample Depth:
2.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		17 mg/kg		17 mg/kg	0.0017 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.08 mg/kg		0.08 mg/kg	0.000008 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.1 mg/kg		0.1 mg/kg	0.00001 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.13 mg/kg		0.13 mg/kg	0.000013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.6 mg/kg	1.462	12.569 mg/kg	0.00126 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	520	mg/kg		520	mg/kg	0.052 %		
		082-001-00-6											
24		mercury { mercury }				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	18	mg/kg		18	mg/kg	0.0018 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				30	mg/kg		30	mg/kg	0.003 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				48	mg/kg	1.245	59.746	mg/kg	0.00597 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0895 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.003%)

Classification of sample: GEO_BH215

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH215	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		28 mg/kg	1.252	35.05 mg/kg	0.0035 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12 mg/kg		12 mg/kg	0.0012 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	31 mg/kg		31 mg/kg	0.0031 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				59	mg/kg	1.245	73.438	mg/kg	0.00734 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0255 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_BH215[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_BH215[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		1.9	mg/kg		1.9	mg/kg	0.00019 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.03	mg/kg		0.03	mg/kg	0.000003 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3	mg/kg		0.3	mg/kg	0.00003 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1	mg/kg	5.719	5.719	mg/kg	0.000572 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		6.2	mg/kg	1.462	9.062	mg/kg	0.000906 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.03	mg/kg		0.03	mg/kg	0.000003 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		13	mg/kg	1.252	16.273	mg/kg	0.00163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.06	mg/kg		0.06	mg/kg	0.000006 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12	mg/kg		12	mg/kg	0.0012 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	9.8	mg/kg		9.8	mg/kg	0.00098 %		
27		phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.05	mg/kg		0.05	mg/kg	0.000005 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		7	mg/kg	1.785	12.496	mg/kg	0.00125 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		27	mg/kg	1.245	33.607	mg/kg	0.00336 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0107 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP201	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.7 mg/kg		5.7 mg/kg	0.00057 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17 mg/kg	1.462	24.846 mg/kg	0.00248 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		20 mg/kg	1.252	25.036 mg/kg	0.0025 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	22 mg/kg		22 mg/kg	0.0022 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.64 mg/kg		0.64 mg/kg	0.000064 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				43	mg/kg	1.245	53.523	mg/kg	0.00535 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0194 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP201[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP201[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.46	mg/kg		0.46	mg/kg	0.000046 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.34	mg/kg		0.34	mg/kg	0.000034 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.8	mg/kg		6.8	mg/kg	0.00068 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.15	mg/kg		0.15	mg/kg	0.000015 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.43	mg/kg		0.43	mg/kg	0.000043 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.32	mg/kg		0.32	mg/kg	0.000032 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.44	mg/kg		0.44	mg/kg	0.000044 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5	mg/kg		0.5	mg/kg	0.00005 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2	mg/kg	5.719	<1.144	mg/kg	<0.000114 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3	mg/kg		0.3	mg/kg	0.00003 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.55	mg/kg		0.55	mg/kg	0.000055 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		32	mg/kg	1.252	40.057	mg/kg	0.00401 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
21		fluorene		201-695-5	86-73-7		0.27	mg/kg		0.27	mg/kg	0.000027 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.13	mg/kg		0.13	mg/kg	0.000013 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	33	mg/kg		33	mg/kg	0.0033 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.61	mg/kg		0.61	mg/kg	0.000061 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	16	mg/kg		16	mg/kg	0.0016 %		
27		phenanthrene		201-581-5	85-01-8		2	mg/kg		2	mg/kg	0.0002 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1.5	mg/kg		1.5	mg/kg	0.00015 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		77	mg/kg	1.245	95.843	mg/kg	0.00958 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0255 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP202	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		1	mg/kg		1	mg/kg	0.0001 %		
2		acenaphthylene		205-917-1	208-96-8		0.04	mg/kg		0.04	mg/kg	0.000004 %		
3		anthracene		204-371-1	120-12-7		1.3	mg/kg		1.3	mg/kg	0.00013 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.5	mg/kg		6.5	mg/kg	0.00065 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23	mg/kg		23	mg/kg	0.0023 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		1.3	mg/kg		1.3	mg/kg	0.00013 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3	mg/kg		3	mg/kg	0.0003 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.5	mg/kg		2.5	mg/kg	0.00025 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		3.7	mg/kg		3.7	mg/kg	0.00037 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9	mg/kg		1.9	mg/kg	0.00019 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2	mg/kg	5.719	<1.144	mg/kg	<0.000114 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.5	mg/kg		1.5	mg/kg	0.00015 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26	mg/kg	1.462	38	mg/kg	0.0038 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		3.5	mg/kg		3.5	mg/kg	0.00035 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		300	mg/kg	1.252	375.533	mg/kg	0.0376 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.8	mg/kg	1.884	1.507	mg/kg	0.000151 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.24	mg/kg		0.24	mg/kg	0.000024 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		9.1	mg/kg		9.1	mg/kg	0.00091 %		
21		fluorene		201-695-5	86-73-7		0.53	mg/kg		0.53	mg/kg	0.000053 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		1	mg/kg		1	mg/kg	0.0001 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	460	mg/kg		460	mg/kg	0.046 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.28	mg/kg		0.28	mg/kg	0.000028 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	44	mg/kg		44	mg/kg	0.0044 %		
27		phenanthrene		201-581-5	85-01-8		5.8	mg/kg		5.8	mg/kg	0.00058 %		
28		monohydric phenols			P1186		0.4	mg/kg		0.4	mg/kg	0.00004 %		
29		pyrene		204-927-3	129-00-0		8.4	mg/kg		8.4	mg/kg	0.00084 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		234.1	mg/kg		234.1	mg/kg	0.0234 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		53	mg/kg	1.785	94.615	mg/kg	0.00946 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		270	mg/kg	1.245	336.073	mg/kg	0.0336 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0234%)

Classification of sample: GEO_TP202C

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP202C
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.61 mg/kg		0.61 mg/kg	0.000061 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.52 mg/kg		0.52 mg/kg	0.000052 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.79 mg/kg		0.79 mg/kg	0.000079 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.52 mg/kg		0.52 mg/kg	0.000052 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.79 mg/kg		0.79 mg/kg	0.000079 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7 mg/kg		0.7 mg/kg	0.00007 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.91	mg/kg		0.91	mg/kg	0.000091 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				100	mg/kg	1.252	125.178	mg/kg	0.0125 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			205-912-4	206-44-0									
21		fluorene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.22	mg/kg		0.22	mg/kg	0.000022 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			201-581-5	85-01-8									
28		monohydric phenols				2.1	mg/kg		2.1	mg/kg	0.00021 %		
				P1186									
29		pyrene				2.7	mg/kg		2.7	mg/kg	0.00027 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				62.4	mg/kg		62.4	mg/kg	0.00624 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				200	mg/kg	1.245	248.943	mg/kg	0.0249 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
		024-017-00-8											
										Total:	0.0672 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00624%)

Classification of sample: GEO_TP203

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP203
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.8	mg/kg		5.8	mg/kg	0.00058 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6	mg/kg		0.6	mg/kg	0.00006 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4	mg/kg	5.719	2.288	mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	24.846	mg/kg	0.00248 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		13	mg/kg	1.252	16.273	mg/kg	0.00163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	10	mg/kg		10	mg/kg	0.001 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25	mg/kg		25	mg/kg	0.0025 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		32	mg/kg	1.245	39.831	mg/kg	0.00398 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP203[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP203[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3	mg/kg		1.3	mg/kg	0.00013 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9	mg/kg		9	mg/kg	0.0009 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4	mg/kg	5.719	2.288	mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		29	mg/kg	1.252	36.302	mg/kg	0.00363 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1	mg/kg	1.884	1.884	mg/kg	0.000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16	mg/kg		16	mg/kg	0.0016 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.42	mg/kg		0.42	mg/kg	0.000042 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21	mg/kg		21	mg/kg	0.0021 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.8	mg/kg		0.8	mg/kg	0.00008 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		46	mg/kg	1.245	57.257	mg/kg	0.00573 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0215 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP203[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP203[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	31.294 mg/kg	0.00313 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16 mg/kg		16 mg/kg	0.0016 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.46 mg/kg		0.46 mg/kg	0.000046 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	27 mg/kg		27 mg/kg	0.0027 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.023 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP204

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP204
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.7	mg/kg		4.7	mg/kg	0.00047 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		0.03	mg/kg		0.03	mg/kg	0.000003 %		
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.03	mg/kg		0.03	mg/kg	0.000003 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4	mg/kg		0.4	mg/kg	0.00004 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3	mg/kg	5.719	1.716	mg/kg	0.000172 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2	mg/kg		0.2	mg/kg	0.00002 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12	mg/kg	1.462	17.539	mg/kg	0.00175 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25	mg/kg	1.252	31.294	mg/kg	0.00313 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.02	mg/kg		0.02	mg/kg	0.000002 %		
20		fluoranthene		205-912-4	206-44-0		0.03	mg/kg		0.03	mg/kg	0.000003 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11	mg/kg		11	mg/kg	0.0011 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.02	mg/kg		0.02	mg/kg	0.000002 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	19	mg/kg		19	mg/kg	0.0019 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.06	mg/kg		0.06	mg/kg	0.000006 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		40	mg/kg	1.245	49.789	mg/kg	0.00498 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 3.0e-06%)
ethylbenzene: (conc.: 2.0e-06%)

Classification of sample: GEO_TP205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP205
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
				TPH									
										Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: GEO_TP205[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP205[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.5	mg/kg		1.5	mg/kg	0.00015 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.3	mg/kg		9.3	mg/kg	0.00093 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1	mg/kg		1	mg/kg	0.0001 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4	mg/kg	5.719	2.288	mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2	mg/kg		0.2	mg/kg	0.00002 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		38	mg/kg	1.252	47.568	mg/kg	0.00476 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	43	mg/kg		43	mg/kg	0.0043 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.19	mg/kg		0.19	mg/kg	0.000019 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	32	mg/kg		32	mg/kg	0.0032 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		28	mg/kg	1.785	49.985	mg/kg	0.005 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		63	mg/kg	1.245	78.417	mg/kg	0.00784 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0306 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP206	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.1 mg/kg		1.1 mg/kg	0.00011 %		
2	acenaphthylene		205-917-1	208-96-8		0.42 mg/kg		0.42 mg/kg	0.000042 %		
3	anthracene		204-371-1	120-12-7		3.5 mg/kg		3.5 mg/kg	0.00035 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		2.6 mg/kg		2.6 mg/kg	0.00026 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		5.3 mg/kg		5.3 mg/kg	0.00053 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		5.6 mg/kg		5.6 mg/kg	0.00056 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		4.2 mg/kg		4.2 mg/kg	0.00042 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.6 mg/kg		0.6 mg/kg	0.00006 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		4.8	mg/kg		4.8	mg/kg	0.00048 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130	mg/kg	1.252	162.731	mg/kg	0.0163 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				2.2	mg/kg	1.884	4.145	mg/kg	0.000414 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.35	mg/kg		0.35	mg/kg	0.000035 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
20		fluoranthene		205-912-4	206-44-0		10	mg/kg		10	mg/kg	0.001 %		
21		fluorene		201-695-5	86-73-7		2.3	mg/kg		2.3	mg/kg	0.00023 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		1.5	mg/kg		1.5	mg/kg	0.00015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	200	mg/kg		200	mg/kg	0.02 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.41	mg/kg		0.41	mg/kg	0.000041 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.35	mg/kg		0.35	mg/kg	0.000035 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	27	mg/kg		27	mg/kg	0.0027 %		
27		phenanthrene		201-581-5	85-01-8		14	mg/kg		14	mg/kg	0.0014 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
29		pyrene		204-927-3	129-00-0		18	mg/kg		18	mg/kg	0.0018 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
32		TPH (C6 to C40) petroleum group			TPH		75.9	mg/kg		75.9	mg/kg	0.00759 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		200	mg/kg	1.245	248.943	mg/kg	0.0249 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
											Total:	0.0914 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00759%)

Classification of sample: GEO_TP206A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP206A
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.45 mg/kg		0.45 mg/kg	0.000045 %		
2	acenaphthylene		205-917-1	208-96-8		0.37 mg/kg		0.37 mg/kg	0.000037 %		
3	anthracene		204-371-1	120-12-7		0.55 mg/kg		0.55 mg/kg	0.000055 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.7 mg/kg		1.7 mg/kg	0.00017 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.51 mg/kg		0.51 mg/kg	0.000051 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.65 mg/kg		0.65 mg/kg	0.000065 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.61 mg/kg		0.61 mg/kg	0.000061 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.59 mg/kg		0.59 mg/kg	0.000059 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.72	mg/kg		0.72	mg/kg	0.000072 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				94	mg/kg	1.252	117.667	mg/kg	0.0118 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.4	mg/kg		1.4	mg/kg	0.00014 %		
			205-912-4	206-44-0									
21		fluorene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27	mg/kg		27	mg/kg	0.0027 %		
		082-001-00-6											
24		mercury { mercury }				0.35	mg/kg		0.35	mg/kg	0.000035 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.74	mg/kg		0.74	mg/kg	0.000074 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.2	mg/kg		3.2	mg/kg	0.00032 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				3.7	mg/kg		3.7	mg/kg	0.00037 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				154.3	mg/kg		154.3	mg/kg	0.0154 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				67	mg/kg	1.245	83.396	mg/kg	0.00834 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0549 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0154%)

Classification of sample: GEO_TP207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP207
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.7	mg/kg		4.7	mg/kg	0.00047 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5	mg/kg		0.5	mg/kg	0.00005 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3	mg/kg	5.719	1.716	mg/kg	0.000172 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1	mg/kg		0.1	mg/kg	0.00001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13	mg/kg	1.462	19	mg/kg	0.0019 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18	mg/kg	1.252	22.532	mg/kg	0.00225 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	12	mg/kg		12	mg/kg	0.0012 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		45	mg/kg	1.245	56.012	mg/kg	0.0056 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP208	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		26 mg/kg		26 mg/kg	0.0026 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08 mg/kg		0.08 mg/kg	0.000008 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.07	mg/kg		0.07	mg/kg	0.000007 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		37	mg/kg	1.252	46.316	mg/kg	0.00463 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08	mg/kg		0.08	mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	67	mg/kg		67	mg/kg	0.0067 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.41	mg/kg		0.41	mg/kg	0.000041 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	33	mg/kg		33	mg/kg	0.0033 %		
27		phenanthrene		201-581-5	85-01-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		0.28	mg/kg		0.28	mg/kg	0.000028 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		0.6	mg/kg		0.6	mg/kg	0.00006 %		
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
33		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		130	mg/kg	1.245	161.813	mg/kg	0.0162 %		
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	0.0412 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP208[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP208[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10 mg/kg		10 mg/kg	0.001 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		30 mg/kg	1.252	37.553 mg/kg	0.00376 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		**<LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	61 mg/kg		61 mg/kg	0.0061 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.21 mg/kg		0.21 mg/kg	0.000021 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	15 mg/kg		15 mg/kg	0.0015 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		**<LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				45	mg/kg	1.245	56.012	mg/kg	0.0056 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0234 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP209

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP209
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		0.04	mg/kg		0.04	mg/kg	0.000004 %		
3		anthracene		204-371-1	120-12-7		0.11	mg/kg		0.11	mg/kg	0.000011 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.8	mg/kg		4.8	mg/kg	0.00048 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.27	mg/kg		0.27	mg/kg	0.000027 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.55	mg/kg		0.55	mg/kg	0.000055 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.58	mg/kg		0.58	mg/kg	0.000058 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.6	mg/kg		0.6	mg/kg	0.00006 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6	mg/kg		0.6	mg/kg	0.00006 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2	mg/kg	5.719	6.863	mg/kg	0.000686 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4	mg/kg		0.4	mg/kg	0.00004 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.1	mg/kg	1.462	13.3	mg/kg	0.00133 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.56	mg/kg		0.56	mg/kg	0.000056 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		35	mg/kg	1.252	43.812	mg/kg	0.00438 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.04	mg/kg		0.04	mg/kg	0.000004 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		1.3	mg/kg		1.3	mg/kg	0.00013 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.2	mg/kg		0.2	mg/kg	0.00002 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	58	mg/kg		58	mg/kg	0.0058 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	8.1	mg/kg		8.1	mg/kg	0.00081 %		
27		phenanthrene		201-581-5	85-01-8		0.1	mg/kg		0.1	mg/kg	0.00001 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		58	mg/kg		58	mg/kg	0.0058 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		56	mg/kg	1.245	69.704	mg/kg	0.00697 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0301 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0058%)

Classification of sample: GEO_TP210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP210
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.8 mg/kg		6.8 mg/kg	0.00068 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		22 mg/kg	1.252	27.539 mg/kg	0.00275 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	18 mg/kg		18 mg/kg	0.0018 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.47 mg/kg		0.47 mg/kg	0.000047 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				42	mg/kg	1.245	52.278	mg/kg	0.00523 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0186 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP210[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP210[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.2 mg/kg		1.2 mg/kg	0.00012 %		
2	acenaphthylene		205-917-1	208-96-8		0.11 mg/kg		0.11 mg/kg	0.000011 %		
3	anthracene		204-371-1	120-12-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.8 mg/kg		3.8 mg/kg	0.00038 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		3.4 mg/kg		3.4 mg/kg	0.00034 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		5.2 mg/kg		5.2 mg/kg	0.00052 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		5.6 mg/kg		5.6 mg/kg	0.00056 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		7.1 mg/kg		7.1 mg/kg	0.00071 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		4.8 mg/kg	1.462	7.015 mg/kg	0.000702 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				9.9	mg/kg	1.252	12.393	mg/kg	0.00124 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.76	mg/kg		0.76	mg/kg	0.000076 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				12	mg/kg		12	mg/kg	0.0012 %		
			205-912-4	206-44-0									
21		fluorene				0.8	mg/kg		0.8	mg/kg	0.00008 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				2.8	mg/kg		2.8	mg/kg	0.00028 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9.6	mg/kg		9.6	mg/kg	0.00096 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	6.6	mg/kg		6.6	mg/kg	0.00066 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				5.8	mg/kg		5.8	mg/kg	0.00058 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				11	mg/kg		11	mg/kg	0.0011 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				387.3	mg/kg		387.3	mg/kg	0.0387 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				8.4	mg/kg	1.785	14.996	mg/kg	0.0015 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				27	mg/kg	1.245	33.607	mg/kg	0.00336 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0544 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0387%)

Classification of sample: GEO_TP210[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP210[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.31	mg/kg		0.31	mg/kg	0.000031 %		
2		acenaphthylene		205-917-1	208-96-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
3		anthracene		204-371-1	120-12-7		0.62	mg/kg		0.62	mg/kg	0.000062 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	28	mg/kg		28	mg/kg	0.0028 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13	mg/kg		13	mg/kg	0.0013 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.64	mg/kg		0.64	mg/kg	0.000064 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.2	mg/kg		1.2	mg/kg	0.00012 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1	mg/kg		1	mg/kg	0.0001 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.4	mg/kg		1.4	mg/kg	0.00014 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6	mg/kg		0.6	mg/kg	0.00006 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1	mg/kg	5.719	5.719	mg/kg	0.000572 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7	mg/kg		0.7	mg/kg	0.00007 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	24.846	mg/kg	0.00248 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		1.4	mg/kg		1.4	mg/kg	0.00014 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		92	mg/kg	1.252	115.163	mg/kg	0.0115 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.4	mg/kg	1.884	0.754	mg/kg	0.0000754 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.12	mg/kg		0.12	mg/kg	0.000012 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		3.6	mg/kg		3.6	mg/kg	0.00036 %		
21		fluorene		201-695-5	86-73-7		0.27	mg/kg		0.27	mg/kg	0.000027 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.46	mg/kg		0.46	mg/kg	0.000046 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	420	mg/kg		420	mg/kg	0.042 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.25	mg/kg		0.25	mg/kg	0.000025 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17	mg/kg		17	mg/kg	0.0017 %		
27		phenanthrene		201-581-5	85-01-8		3.1	mg/kg		3.1	mg/kg	0.00031 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		3.7	mg/kg		3.7	mg/kg	0.00037 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		220	mg/kg	1.245	273.837	mg/kg	0.0274 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0977 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP211

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP211	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.5 mg/kg		6.5 mg/kg	0.00065 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	22.532 mg/kg	0.00225 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9.8 mg/kg		9.8 mg/kg	0.00098 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.45 mg/kg		0.45 mg/kg	0.000045 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	17 mg/kg		17 mg/kg	0.0017 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				22	mg/kg	1.785	39.274	mg/kg	0.00393 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				37	mg/kg	1.245	46.054	mg/kg	0.00461 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0176 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP211[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP211[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				19	mg/kg		19	mg/kg	0.0019 %		
				TPH									
										Total:	0.0019 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0019%)

Classification of sample: GEO_TP211[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP211[3]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.4 mg/kg		4.4 mg/kg	0.00044 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.06 mg/kg		0.06 mg/kg	0.000006 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				160	mg/kg	1.252	200.284	mg/kg	0.02 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150	mg/kg		150	mg/kg	0.015 %		
		082-001-00-6											
24		mercury { mercury }				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.064 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP212
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				83	mg/kg		83	mg/kg	0.0083 %		
				TPH									
										Total:	0.0083 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0083%)

Classification of sample: GEO_TP212[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP212[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.88	mg/kg		0.88	mg/kg	0.000088 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.86	mg/kg		0.86	mg/kg	0.000086 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.1	mg/kg		2.1	mg/kg	0.00021 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		89	mg/kg		89	mg/kg	0.0089 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.19	mg/kg		0.19	mg/kg	0.000019 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1	mg/kg		1	mg/kg	0.0001 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.5	mg/kg		0.5	mg/kg	0.00005 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.72	mg/kg		0.72	mg/kg	0.000072 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1	mg/kg		1	mg/kg	0.0001 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6	mg/kg	5.719	3.432	mg/kg	0.000343 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1	mg/kg		1	mg/kg	0.0001 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7.9	mg/kg	1.462	11.546	mg/kg	0.00115 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				120	mg/kg	1.252	150.213	mg/kg	0.015 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			205-912-4	206-44-0									
21		fluorene				0.59	mg/kg		0.59	mg/kg	0.000059 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				5.7	mg/kg		5.7	mg/kg	0.00057 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				5.2	mg/kg		5.2	mg/kg	0.00052 %		
			201-581-5	85-01-8									
28		monohydric phenols				1.2	mg/kg		1.2	mg/kg	0.00012 %		
				P1186									
29		pyrene				3.1	mg/kg		3.1	mg/kg	0.00031 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				18.8	mg/kg		18.8	mg/kg	0.00188 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				530	mg/kg	1.245	659.698	mg/kg	0.066 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.115 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00188%)

Classification of sample: GEO_TP212[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP212[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.16 mg/kg		0.16 mg/kg	0.000016 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.7 mg/kg		3.7 mg/kg	0.00037 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40 mg/kg		40 mg/kg	0.004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.07 mg/kg		0.07 mg/kg	0.000007 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.5 mg/kg		1.5 mg/kg	0.00015 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.2 mg/kg		2.2 mg/kg	0.00022 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				170	mg/kg	1.252	212.802	mg/kg	0.0213 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.87	mg/kg		0.87	mg/kg	0.000087 %		
			205-912-4	206-44-0									
21		fluorene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.07	mg/kg		0.07	mg/kg	0.000007 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	160	mg/kg		160	mg/kg	0.016 %		
		082-001-00-6											
24		mercury { mercury }				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.63	mg/kg		0.63	mg/kg	0.000063 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.98	mg/kg		0.98	mg/kg	0.000098 %		
			201-581-5	85-01-8									
28		monohydric phenols				0.6	mg/kg		0.6	mg/kg	0.00006 %		
				P1186									
29		pyrene				0.77	mg/kg		0.77	mg/kg	0.000077 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1.2	mg/kg		1.2	mg/kg	0.00012 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				53	mg/kg	1.785	94.615	mg/kg	0.00946 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				1000	mg/kg	1.245	1244.714	mg/kg	0.124 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.183 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP213

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP213
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		2.6 mg/kg		2.6 mg/kg	0.00026 %		
2	acenaphthylene		205-917-1	208-96-8		4.2 mg/kg		4.2 mg/kg	0.00042 %		
3	anthracene		204-371-1	120-12-7		5.1 mg/kg		5.1 mg/kg	0.00051 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		2.7 mg/kg		2.7 mg/kg	0.00027 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.7 mg/kg		3.7 mg/kg	0.00037 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		5 mg/kg		5 mg/kg	0.0005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.7 mg/kg		2.7 mg/kg	0.00027 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				4.4	mg/kg		4.4	mg/kg	0.00044 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				45	mg/kg	1.252	56.33	mg/kg	0.00563 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		**<LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.46	mg/kg		0.46	mg/kg	0.000046 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				0.24	mg/kg		0.24	mg/kg	0.000024 %		
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				7.6	mg/kg		7.6	mg/kg	0.00076 %		
			205-912-4	206-44-0									
21		fluorene				6.5	mg/kg		6.5	mg/kg	0.00065 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100	mg/kg		100	mg/kg	0.01 %		
		082-001-00-6											
24		mercury { mercury }				0.25	mg/kg		0.25	mg/kg	0.000025 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				8.1	mg/kg		8.1	mg/kg	0.00081 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	25	mg/kg		25	mg/kg	0.0025 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				22	mg/kg		22	mg/kg	0.0022 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		**<LOD**
				P1186									
29		pyrene				20	mg/kg		20	mg/kg	0.002 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				525.5	mg/kg		525.5	mg/kg	0.0526 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				69	mg/kg	1.245	85.885	mg/kg	0.00859 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		**<LOD**
		024-017-00-8											
										Total:	0.0984 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene: (conc.: 0.00002%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0526%)

Classification of sample: GEO_TP213[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_TP213[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
4 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.45 mg/kg		0.45 mg/kg	0.000045 %		
2	acenaphthylene		205-917-1	208-96-8		0.43 mg/kg		0.43 mg/kg	0.000043 %		
3	anthracene		204-371-1	120-12-7		0.74 mg/kg		0.74 mg/kg	0.000074 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		**<LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.28 mg/kg		0.28 mg/kg	0.000028 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.49 mg/kg		0.49 mg/kg	0.000049 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.43 mg/kg		0.43 mg/kg	0.000043 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.35 mg/kg		0.35 mg/kg	0.000035 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.5	mg/kg		0.5	mg/kg	0.00005 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27	mg/kg	1.252	33.798	mg/kg	0.00338 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.05	mg/kg		0.05	mg/kg	0.000005 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.14	mg/kg		0.14	mg/kg	0.000014 %		
20		fluoranthene		205-912-4	206-44-0		1.2	mg/kg		1.2	mg/kg	0.00012 %		
21		fluorene		201-695-5	86-73-7		0.93	mg/kg		0.93	mg/kg	0.000093 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.15	mg/kg		0.15	mg/kg	0.000015 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	190	mg/kg		190	mg/kg	0.019 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.15	mg/kg		0.15	mg/kg	0.000015 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		2	mg/kg		2	mg/kg	0.0002 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22	mg/kg		22	mg/kg	0.0022 %		
27		phenanthrene		201-581-5	85-01-8		3.6	mg/kg		3.6	mg/kg	0.00036 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		2.4	mg/kg		2.4	mg/kg	0.00024 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		142.2	mg/kg		142.2	mg/kg	0.0142 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		51	mg/kg	1.245	63.48	mg/kg	0.00635 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0543 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

ethylbenzene: (conc.: 0.00001%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0142%)

Classification of sample: GEO_TP213[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP213[3]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.52 mg/kg		0.52 mg/kg	0.000052 %		
2	acenaphthylene		205-917-1	208-96-8		1.3 mg/kg		1.3 mg/kg	0.00013 %		
3	anthracene		204-371-1	120-12-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18 mg/kg		18 mg/kg	0.0018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		5.6 mg/kg		5.6 mg/kg	0.00056 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		3.2 mg/kg		3.2 mg/kg	0.00032 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		6.2 mg/kg		6.2 mg/kg	0.00062 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		5.9 mg/kg		5.9 mg/kg	0.00059 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.8 mg/kg		0.8 mg/kg	0.00008 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				4.2	mg/kg		4.2	mg/kg	0.00042 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				200	mg/kg	1.252	250.355	mg/kg	0.025 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.75	mg/kg		0.75	mg/kg	0.000075 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				6	mg/kg		6	mg/kg	0.0006 %		
			205-912-4	206-44-0									
21		fluorene				0.49	mg/kg		0.49	mg/kg	0.000049 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				3	mg/kg		3	mg/kg	0.0003 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	230	mg/kg		230	mg/kg	0.023 %		
		082-001-00-6											
24		mercury { mercury }				0.97	mg/kg		0.97	mg/kg	0.000097 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				1	mg/kg		1	mg/kg	0.0001 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				3.8	mg/kg		3.8	mg/kg	0.00038 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				11	mg/kg		11	mg/kg	0.0011 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.9	mg/kg		0.9	mg/kg	0.00009 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				160	mg/kg	1.245	199.154	mg/kg	0.0199 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0887 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP214

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP214
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		14 mg/kg		14 mg/kg	0.0014 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		19 mg/kg	1.462	27.77 mg/kg	0.00278 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		23 mg/kg	1.252	28.791 mg/kg	0.00288 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.1 mg/kg		1.1 mg/kg	0.00011 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22 mg/kg		22 mg/kg	0.0022 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				52	mg/kg	1.245	64.725	mg/kg	0.00647 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0224 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP214[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP214[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5 mg/kg		5 mg/kg	0.0005 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.1 mg/kg	1.462	13.3 mg/kg	0.00133 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		12 mg/kg	1.252	15.021 mg/kg	0.0015 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	9.3 mg/kg		9.3 mg/kg	0.00093 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	9.9 mg/kg		9.9 mg/kg	0.00099 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				28	mg/kg	1.245	34.852	mg/kg	0.00349 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0114 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP215

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP215
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.6 mg/kg		1.6 mg/kg	0.00016 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		16 mg/kg		16 mg/kg	0.0016 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.11 mg/kg		0.11 mg/kg	0.000011 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.09 mg/kg		0.09 mg/kg	0.000009 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.14 mg/kg		0.14 mg/kg	0.000014 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.6 mg/kg	5.719	3.432 mg/kg	0.000343 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.15	mg/kg		0.15	mg/kg	0.000015 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		83	mg/kg	1.252	103.897	mg/kg	0.0104 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.7	mg/kg	1.884	1.319	mg/kg	0.000132 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.39	mg/kg		0.39	mg/kg	0.000039 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.05	mg/kg		0.05	mg/kg	0.000005 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	97	mg/kg		97	mg/kg	0.0097 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.4	mg/kg		0.4	mg/kg	0.00004 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38	mg/kg		38	mg/kg	0.0038 %		
27		phenanthrene		201-581-5	85-01-8		0.33	mg/kg		0.33	mg/kg	0.000033 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.38	mg/kg		0.38	mg/kg	0.000038 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		170	mg/kg	1.245	211.601	mg/kg	0.0212 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.0565 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP216

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP216
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.6 mg/kg		8.6 mg/kg	0.00086 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		29 mg/kg	1.252	36.302 mg/kg	0.00363 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	32 mg/kg		32 mg/kg	0.0032 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				61	mg/kg	1.245	75.928	mg/kg	0.00759 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0255 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP216[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP216[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		13 mg/kg	1.462	19 mg/kg	0.0019 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				25	mg/kg	1.252	31.294	mg/kg	0.00313 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12	mg/kg		12	mg/kg	0.0012 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	22	mg/kg		22	mg/kg	0.0022 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				58	mg/kg	1.245	72.193	mg/kg	0.00722 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0202 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP217

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP217
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.9 mg/kg		5.9 mg/kg	0.00059 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		2.4 mg/kg	5.719	13.726 mg/kg	0.00137 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.7 mg/kg	1.462	12.716 mg/kg	0.00127 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		21 mg/kg	1.252	26.287 mg/kg	0.00263 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.23 mg/kg		0.23 mg/kg	0.000023 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14 mg/kg		14 mg/kg	0.0014 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				44	mg/kg	1.245	54.767	mg/kg	0.00548 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0163 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP217[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP217[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5.1 mg/kg		5.1 mg/kg	0.00051 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		37 mg/kg		37 mg/kg	0.0037 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3 mg/kg		1.3 mg/kg	0.00013 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.4 mg/kg		2.4 mg/kg	0.00024 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		26 mg/kg	1.462	38 mg/kg	0.0038 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		230 mg/kg	1.252	287.909 mg/kg	0.0288 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.5 mg/kg	1.884	0.942 mg/kg	0.0000942 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	160 mg/kg		160 mg/kg	0.016 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38 mg/kg		38 mg/kg	0.0038 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				75	mg/kg	1.785	133.889	mg/kg	0.0134 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				780	mg/kg	1.245	970.877	mg/kg	0.0971 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.168 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP218

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP218
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		12 mg/kg		12 mg/kg	0.0012 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				27	mg/kg	1.252	33.798	mg/kg	0.00338 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.7	mg/kg	1.884	1.319	mg/kg	0.000132 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	50	mg/kg		50	mg/kg	0.005 %		
		082-001-00-6											
24		mercury { mercury }				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				43	mg/kg	1.245	53.523	mg/kg	0.00535 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0246 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP219

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP219
Sample Depth:
3.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.9 mg/kg		4.9 mg/kg	0.00049 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9 mg/kg	1.462	13.154 mg/kg	0.00132 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				11	mg/kg	1.252	13.77	mg/kg	0.00138 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.5	mg/kg	1.884	0.942	mg/kg	0.0000942 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	15	mg/kg		15	mg/kg	0.0015 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	7.4	mg/kg		7.4	mg/kg	0.00074 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				8.9	mg/kg	1.785	15.888	mg/kg	0.00159 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				22	mg/kg	1.245	27.384	mg/kg	0.00274 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0103 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_TP219[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_TP219[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
2	acenaphthylene		205-917-1	208-96-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	8.7 mg/kg		8.7 mg/kg	0.00087 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		180 mg/kg		180 mg/kg	0.018 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.4 mg/kg		0.4 mg/kg	0.00004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.7 mg/kg		0.7 mg/kg	0.00007 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.7 mg/kg		0.7 mg/kg	0.00007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1 mg/kg		1 mg/kg	0.0001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.6 mg/kg		2.6 mg/kg	0.00026 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.9 mg/kg		1.9 mg/kg	0.00019 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		57 mg/kg	1.462	83.309 mg/kg	0.00833 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.7	mg/kg		0.7	mg/kg	0.00007 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				140	mg/kg	1.252	175.249	mg/kg	0.0175 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.7	mg/kg		1.7	mg/kg	0.00017 %		
			205-912-4	206-44-0									
21		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	430	mg/kg		430	mg/kg	0.043 %		
		082-001-00-6											
24		mercury { mercury }				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1	mg/kg		1	mg/kg	0.0001 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				1.5	mg/kg		1.5	mg/kg	0.00015 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				50	mg/kg	1.785	89.259	mg/kg	0.00893 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				240	mg/kg	1.245	298.731	mg/kg	0.0299 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.132 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS201

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS201
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.1 mg/kg		4.1 mg/kg	0.00041 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		44 mg/kg		44 mg/kg	0.0044 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.04 mg/kg		0.04 mg/kg	0.000004 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.08 mg/kg		0.08 mg/kg	0.000008 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.07 mg/kg		0.07 mg/kg	0.000007 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2 mg/kg		2 mg/kg	0.0002 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	2.4 mg/kg		2.4 mg/kg	0.00024 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				280	mg/kg	1.252	350.497	mg/kg	0.035 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.2	mg/kg		0.2	mg/kg	0.00002 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	170	mg/kg		170	mg/kg	0.017 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	50	mg/kg		50	mg/kg	0.005 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
			204-927-3	129-00-0									
30		selenium { selenium }				0.6	mg/kg		0.6	mg/kg	0.00006 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				64	mg/kg	1.785	114.252	mg/kg	0.0114 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				910	mg/kg	1.245	1132.69	mg/kg	0.113 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.19 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS202

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS202
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		7.3 mg/kg		7.3 mg/kg	0.00073 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.7 mg/kg	5.719	4.003 mg/kg	0.0004 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		27 mg/kg	1.252	33.798 mg/kg	0.00338 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		11 mg/kg	0.0011 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	30 mg/kg		30 mg/kg	0.003 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				55	mg/kg	1.245	68.459	mg/kg	0.00685 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0243 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS202[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS202[2]
Sample Depth:
0.3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
2	•	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
3		toluene	601-021-00-3	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	•	TPH (C6 to C40) petroleum group			TPH		210 mg/kg		210 mg/kg	0.021 %		
									Total:	0.021 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.021%)

Classification of sample: GEO_WS202[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS202[3]
Sample Depth:
0.5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.1 mg/kg		8.1 mg/kg	0.00081 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				28	mg/kg	1.252	35.05	mg/kg	0.0035 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	25	mg/kg		25	mg/kg	0.0025 %		
		082-001-00-6											
24		mercury { mercury }				0.07	mg/kg		0.07	mg/kg	0.000007 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	26	mg/kg		26	mg/kg	0.0026 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0251 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS202[4]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS202[4]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4.9 mg/kg		4.9 mg/kg	0.00049 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		9.9 mg/kg	1.462	14.469 mg/kg	0.00145 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		20 mg/kg	1.252	25.036 mg/kg	0.0025 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	30 mg/kg		30 mg/kg	0.003 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.07 mg/kg		0.07 mg/kg	0.000007 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	13 mg/kg		13 mg/kg	0.0013 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				27	mg/kg	1.245	33.607	mg/kg	0.00336 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.015 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS204

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS204	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				140	mg/kg		140	mg/kg	0.014 %		
				TPH									
										Total:	0.014 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.014%)

Classification of sample: GEO_WS204[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS204[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.5 mg/kg		6.5 mg/kg	0.00065 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				15	mg/kg	1.252	18.777	mg/kg	0.00188 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11	mg/kg		11	mg/kg	0.0011 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	13	mg/kg		13	mg/kg	0.0013 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				43	mg/kg	1.245	53.523	mg/kg	0.00535 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS205

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS205
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.4 mg/kg		3.4 mg/kg	0.00034 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
4	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
5	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
6	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
7	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		130 mg/kg	1.252	162.731 mg/kg	0.0163 %		
9	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.3 mg/kg	1.884	0.565 mg/kg	0.0000565 %		
10	ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
11	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	100 mg/kg		100 mg/kg	0.01 %		
12	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.06 mg/kg		0.06 mg/kg	0.000006 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		nickel { nickel }			7	43	mg/kg		43	mg/kg	0.0043 %		
		028-002-00-7	231-111-4	7440-02-0									
14		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
15		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
16		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
17		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
				TPH									
18		vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
		023-001-00-8	215-239-8	1314-62-1									
19		zinc { zinc oxide }				170	mg/kg	1.245	211.601	mg/kg	0.0212 %		
		030-013-00-7	215-222-5	1314-13-2									
20		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0634 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS205[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
GEO_WS205[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1A; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.14%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	12 mg/kg		12 mg/kg	0.0012 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		65 mg/kg		65 mg/kg	0.0065 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.04 mg/kg		0.04 mg/kg	0.000004 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.3 mg/kg		2.3 mg/kg	0.00023 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.4 mg/kg	5.719	8.007 mg/kg	0.000801 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of				1	0.4 mg/kg		0.4 mg/kg	0.00004 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5											
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		81	mg/kg	1.462	118.386	mg/kg	0.0118 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		820	mg/kg	1.252	1026.457	mg/kg	0.103 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
21		fluorene		201-695-5	86-73-7		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	1400	mg/kg		1400	mg/kg	0.14 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.51	mg/kg		0.51	mg/kg	0.000051 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	56	mg/kg		56	mg/kg	0.0056 %		
27		phenanthrene		201-581-5	85-01-8		0.09	mg/kg		0.09	mg/kg	0.000009 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.09	mg/kg		0.09	mg/kg	0.000009 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		380	mg/kg	1.785	678.37	mg/kg	0.0678 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		110	mg/kg	1.245	136.919	mg/kg	0.0137 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.351 %		

Key	
	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS205[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS205[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				26	mg/kg		26	mg/kg	0.0026 %		
				TPH									
										Total:	0.0026 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0026%)

Classification of sample: GEO_WS206

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS206
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		5.8 mg/kg		5.8 mg/kg	0.00058 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4 mg/kg	5.719	2.288 mg/kg	0.000229 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		8.2 mg/kg	1.462	11.985 mg/kg	0.0012 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				12	mg/kg	1.252	15.021	mg/kg	0.0015 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6.2	mg/kg		6.2	mg/kg	0.00062 %		
		082-001-00-6											
24		mercury { mercury }				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	8.5	mg/kg		8.5	mg/kg	0.00085 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				11	mg/kg	1.785	19.637	mg/kg	0.00196 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				24	mg/kg	1.245	29.873	mg/kg	0.00299 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0105 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS206[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS206[2]
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
2	acenaphthylene		205-917-1	208-96-8		0.03 mg/kg		0.03 mg/kg	0.000003 %		
3	anthracene		204-371-1	120-12-7		0.18 mg/kg		0.18 mg/kg	0.000018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.17 mg/kg		0.17 mg/kg	0.000017 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.35 mg/kg		0.35 mg/kg	0.000035 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.28 mg/kg		0.28 mg/kg	0.000028 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.37 mg/kg		0.37 mg/kg	0.000037 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.1 mg/kg		0.1 mg/kg	0.00001 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		12 mg/kg	1.462	17.539 mg/kg	0.00175 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.42	mg/kg		0.42	mg/kg	0.000042 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				20	mg/kg	1.252	25.036	mg/kg	0.0025 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				1.1	mg/kg		1.1	mg/kg	0.00011 %		
			205-912-4	206-44-0									
21		fluorene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.14	mg/kg		0.14	mg/kg	0.000014 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	43	mg/kg		43	mg/kg	0.0043 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	14	mg/kg		14	mg/kg	0.0014 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.95	mg/kg		0.95	mg/kg	0.000095 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.95	mg/kg		0.95	mg/kg	0.000095 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				47	mg/kg	1.245	58.502	mg/kg	0.00585 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0204 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS206[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS206[3]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-020-00-8	200-753-7	71-43-2									
2	•	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
4	•	TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
				TPH									
										Total:	0.00005 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Classification of sample: GEO_WS207

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS207
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13 mg/kg		13 mg/kg	0.0013 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1 mg/kg	5.719	5.719 mg/kg	0.000572 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				45	mg/kg	1.252	56.33	mg/kg	0.00563 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44	mg/kg		44	mg/kg	0.0044 %		
		082-001-00-6											
24		mercury { mercury }				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				33	mg/kg	1.785	58.911	mg/kg	0.00589 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				88	mg/kg	1.245	109.535	mg/kg	0.011 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0343 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS207[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS207[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6 mg/kg		6 mg/kg	0.0006 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23 mg/kg	1.462	33.616 mg/kg	0.00336 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		26 mg/kg	1.252	32.546 mg/kg	0.00325 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	28 mg/kg		28 mg/kg	0.0028 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				53	mg/kg	1.245	65.97	mg/kg	0.0066 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0232 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS207[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS207[3]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.6 mg/kg		8.6 mg/kg	0.00086 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		26 mg/kg	1.252	32.546 mg/kg	0.00325 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		13 mg/kg	0.0013 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25 mg/kg		25 mg/kg	0.0025 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				25	mg/kg	1.785	44.63	mg/kg	0.00446 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				54	mg/kg	1.245	67.215	mg/kg	0.00672 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0225 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS208

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS208	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.12 mg/kg		0.12 mg/kg	0.000012 %		
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		0.19 mg/kg		0.19 mg/kg	0.000019 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.08 mg/kg		0.08 mg/kg	0.000008 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.21 mg/kg		0.21 mg/kg	0.000021 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.14 mg/kg		0.14 mg/kg	0.000014 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.22 mg/kg		0.22 mg/kg	0.000022 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.22	mg/kg		0.22	mg/kg	0.000022 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		52	mg/kg	1.252	65.092	mg/kg	0.00651 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				160	mg/kg	1.884	301.44	mg/kg	0.0301 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.83	mg/kg		0.83	mg/kg	0.000083 %		
21		fluorene		201-695-5	86-73-7		0.08	mg/kg		0.08	mg/kg	0.000008 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.08	mg/kg		0.08	mg/kg	0.000008 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	240	mg/kg		240	mg/kg	0.024 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.11	mg/kg		0.11	mg/kg	0.000011 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	18	mg/kg		18	mg/kg	0.0018 %		
27		phenanthrene		201-581-5	85-01-8		0.79	mg/kg		0.79	mg/kg	0.000079 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
29		pyrene		204-927-3	129-00-0		0.63	mg/kg		0.63	mg/kg	0.000063 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
32		TPH (C6 to C40) petroleum group			TPH		250	mg/kg		250	mg/kg	0.025 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		15	mg/kg	1.785	26.778	mg/kg	0.00268 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		250	mg/kg	1.245	311.178	mg/kg	0.0311 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
											Total:	0.125 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.025%)

Classification of sample: GEO_WS209

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS209
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.2 mg/kg		3.2 mg/kg	0.00032 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		43 mg/kg		43 mg/kg	0.0043 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.2 mg/kg		2.2 mg/kg	0.00022 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.2 mg/kg	5.719	6.863 mg/kg	0.000686 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5 mg/kg		0.5 mg/kg	0.00005 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				170	mg/kg	1.252	212.802	mg/kg	0.0213 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.3	mg/kg	1.884	0.565	mg/kg	0.0000565 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	130	mg/kg		130	mg/kg	0.013 %		
		082-001-00-6											
24		mercury { mercury }				0.39	mg/kg		0.39	mg/kg	0.000039 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	33	mg/kg		33	mg/kg	0.0033 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				43	mg/kg	1.785	76.763	mg/kg	0.00768 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				97	mg/kg	1.245	120.737	mg/kg	0.0121 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0658 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS209[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS209[2]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.3 mg/kg		2.3 mg/kg	0.00023 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		20 mg/kg		20 mg/kg	0.002 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1 mg/kg		1 mg/kg	0.0001 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.1 mg/kg	5.719	6.291 mg/kg	0.000629 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		20 mg/kg	1.462	29.231 mg/kg	0.00292 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		58 mg/kg	1.252	72.603 mg/kg	0.00726 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	87 mg/kg		87 mg/kg	0.0087 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.22 mg/kg		0.22 mg/kg	0.000022 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	26 mg/kg		26 mg/kg	0.0026 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		**<LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				65	mg/kg	1.245	80.906	mg/kg	0.00809 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0389 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS209[3]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:
GEO_WS209[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	
0.3 m	Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.11%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.14 mg/kg		0.14 mg/kg	0.000014 %		
2	acenaphthylene		205-917-1	208-96-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
3	anthracene		204-371-1	120-12-7		0.28 mg/kg		0.28 mg/kg	0.000028 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	6.1 mg/kg		6.1 mg/kg	0.00061 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		23 mg/kg		23 mg/kg	0.0023 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.3	mg/kg		0.3	mg/kg	0.00003 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.57	mg/kg		0.57	mg/kg	0.000057 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.48	mg/kg		0.48	mg/kg	0.000048 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.72	mg/kg		0.72	mg/kg	0.000072 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7	mg/kg		0.7	mg/kg	0.00007 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.4	mg/kg	5.719	2.288	mg/kg	0.000229 %		
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.7	mg/kg		0.7	mg/kg	0.00007 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.77	mg/kg		0.77	mg/kg	0.000077 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150	mg/kg	1.252	187.766	mg/kg	0.0188 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				69	mg/kg	1.884	129.996	mg/kg	0.013 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.07	mg/kg		0.07	mg/kg	0.000007 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		1.8	mg/kg		1.8	mg/kg	0.00018 %		
21		fluorene		201-695-5	86-73-7		0.14	mg/kg		0.14	mg/kg	0.000014 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.23	mg/kg		0.23	mg/kg	0.000023 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	230	mg/kg		230	mg/kg	0.023 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.09	mg/kg		0.09	mg/kg	0.000009 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.09	mg/kg		0.09	mg/kg	0.000009 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	25	mg/kg		25	mg/kg	0.0025 %		
27		phenanthrene		201-581-5	85-01-8		1.1	mg/kg		1.1	mg/kg	0.00011 %		
28		monohydric phenols			P1186		<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
29		pyrene		204-927-3	129-00-0		1.7	mg/kg		1.7	mg/kg	0.00017 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				1100	mg/kg		1100	mg/kg	0.11 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	57.126	mg/kg	0.00571 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				230	mg/kg	1.245	286.284	mg/kg	0.0286 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.208 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS210

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS210	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				96	mg/kg		96	mg/kg	0.0096 %		
				TPH									
										Total:	0.0096 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0096%)

Classification of sample: GEO_WS210[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS210[2]
Sample Depth:
0.7 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		0.06 mg/kg		0.06 mg/kg	0.000006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	3.6 mg/kg		3.6 mg/kg	0.00036 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		25 mg/kg		25 mg/kg	0.0025 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.03 mg/kg		0.03 mg/kg	0.000003 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.12 mg/kg		0.12 mg/kg	0.000012 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.1 mg/kg		0.1 mg/kg	0.00001 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.8 mg/kg	5.719	4.575 mg/kg	0.000458 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		44 mg/kg	1.462	64.308 mg/kg	0.00643 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				170	mg/kg	1.252	212.802	mg/kg	0.0213 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.3	mg/kg		0.3	mg/kg	0.00003 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.03	mg/kg		0.03	mg/kg	0.000003 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	110	mg/kg		110	mg/kg	0.011 %		
		082-001-00-6											
24		mercury { mercury }				0.14	mg/kg		0.14	mg/kg	0.000014 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	35	mg/kg		35	mg/kg	0.0035 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.25	mg/kg		0.25	mg/kg	0.000025 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.31	mg/kg		0.31	mg/kg	0.000031 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				160	mg/kg	1.785	285.63	mg/kg	0.0286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				410	mg/kg	1.245	510.333	mg/kg	0.051 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.126 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS211

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS211
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1 mg/kg		1 mg/kg	0.0001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11 mg/kg		11 mg/kg	0.0011 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.04 mg/kg		0.04 mg/kg	0.000004 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.05 mg/kg		0.05 mg/kg	0.000005 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.2 mg/kg	5.719	1.144 mg/kg	0.000114 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.2 mg/kg		0.2 mg/kg	0.00002 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				39	mg/kg	1.252	48.819	mg/kg	0.00488 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.1	mg/kg	1.884	0.188	mg/kg	0.0000188 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	55	mg/kg		55	mg/kg	0.0055 %		
		082-001-00-6											
24		mercury { mercury }				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.04	mg/kg		0.04	mg/kg	0.000004 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	20	mg/kg		20	mg/kg	0.002 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				48	mg/kg	1.245	59.746	mg/kg	0.00597 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0257 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS211[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS211[2]
Sample Depth:
5 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	2.8 mg/kg		2.8 mg/kg	0.00028 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		21 mg/kg		21 mg/kg	0.0021 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.6 mg/kg		1.6 mg/kg	0.00016 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<**LOD**
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.4 mg/kg		0.4 mg/kg	0.00004 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		96 mg/kg	1.252	120.171 mg/kg	0.012 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	41 mg/kg		41 mg/kg	0.0041 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.14 mg/kg		0.14 mg/kg	0.000014 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	43 mg/kg		43 mg/kg	0.0043 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				45	mg/kg	1.785	80.333	mg/kg	0.00803 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				100	mg/kg	1.245	124.471	mg/kg	0.0124 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0463 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS212

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS212
Sample Depth:
0.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		1.9 mg/kg		1.9 mg/kg	0.00019 %		
2	acenaphthylene		205-917-1	208-96-8		0.05 mg/kg		0.05 mg/kg	0.000005 %		
3	anthracene		204-371-1	120-12-7		1.8 mg/kg		1.8 mg/kg	0.00018 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	4.3 mg/kg		4.3 mg/kg	0.00043 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		28 mg/kg		28 mg/kg	0.0028 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.38 mg/kg		0.38 mg/kg	0.000038 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.7 mg/kg		1.7 mg/kg	0.00017 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.97 mg/kg		0.97 mg/kg	0.000097 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		2.3 mg/kg		2.3 mg/kg	0.00023 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		16 mg/kg	1.462	23.385 mg/kg	0.00234 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				240	mg/kg	1.252	300.426	mg/kg	0.03 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.2	mg/kg	1.884	0.377	mg/kg	0.0000377 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				5.1	mg/kg		5.1	mg/kg	0.00051 %		
			205-912-4	206-44-0									
21		fluorene				1.6	mg/kg		1.6	mg/kg	0.00016 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.35	mg/kg		0.35	mg/kg	0.000035 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	170	mg/kg		170	mg/kg	0.017 %		
		082-001-00-6											
24		mercury { mercury }				0.92	mg/kg		0.92	mg/kg	0.000092 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				5.5	mg/kg		5.5	mg/kg	0.00055 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	38	mg/kg		38	mg/kg	0.0038 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				8.6	mg/kg		8.6	mg/kg	0.00086 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<**LOD**
				P1186									
29		pyrene				5.6	mg/kg		5.6	mg/kg	0.00056 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				69.8	mg/kg		69.8	mg/kg	0.00698 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				54	mg/kg	1.785	96.4	mg/kg	0.00964 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				150	mg/kg	1.245	186.707	mg/kg	0.0187 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.0964 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00698%)

Classification of sample: GEO_WS212[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
GEO_WS212[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.6 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1		benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-020-00-8	200-753-7	71-43-2									
2	●	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-023-00-4	202-849-4	100-41-4									
3		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		**<LOD**
		601-021-00-3	203-625-9	108-88-3									
4	●	TPH (C6 to C40) petroleum group				290	mg/kg		290	mg/kg	0.029 %		
				TPH									
											Total:		0.029 %	

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
<LOD	Below limit of detection
ND	Not detected

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.029%)

Classification of sample: GEO_WS212[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS212[3]
Sample Depth:
4 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.9 mg/kg		1.9 mg/kg	0.00019 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9.2 mg/kg		9.2 mg/kg	0.00092 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<0.2 mg/kg	5.719	<1.144 mg/kg	<0.000114 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		14 mg/kg	1.462	20.462 mg/kg	0.00205 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				39	mg/kg	1.252	48.819	mg/kg	0.00488 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44	mg/kg		44	mg/kg	0.0044 %		
		082-001-00-6											
24		mercury { mercury }				0.16	mg/kg		0.16	mg/kg	0.000016 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	22	mg/kg		22	mg/kg	0.0022 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				55	mg/kg	1.245	68.459	mg/kg	0.00685 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0254 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS213A

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS213A
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.3 mg/kg		1.3 mg/kg	0.00013 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		13 mg/kg		13 mg/kg	0.0013 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.3 mg/kg		0.3 mg/kg	0.00003 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				38	mg/kg	1.252	47.568	mg/kg	0.00476 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				0.6	mg/kg	1.884	1.13	mg/kg	0.000113 %		
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32	mg/kg		32	mg/kg	0.0032 %		
		082-001-00-6											
24		mercury { mercury }				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	16	mg/kg		16	mg/kg	0.0016 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
			201-581-5	85-01-8									
28		monohydric phenols				2.7	mg/kg		2.7	mg/kg	0.00027 %		
				P1186									
29		pyrene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
33		zinc { zinc oxide }				81	mg/kg	1.245	100.822	mg/kg	0.0101 %		
		030-013-00-7	215-222-5	1314-13-2									
34		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0303 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS213A[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS213A[2]
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8.4 mg/kg		8.4 mg/kg	0.00084 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<**LOD**
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.5 mg/kg	5.719	2.86 mg/kg	0.000286 %		
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				23	mg/kg	1.252	28.791	mg/kg	0.00288 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.1	mg/kg	1.884	<0.188	mg/kg	<0.0000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26	mg/kg		26	mg/kg	0.0026 %		
		082-001-00-6											
24		mercury { mercury }				0.19	mg/kg		0.19	mg/kg	0.000019 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	14	mg/kg		14	mg/kg	0.0014 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.3	mg/kg		<0.3	mg/kg	<0.00003 %		<LOD
				P1186									
29		pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				28	mg/kg	1.785	49.985	mg/kg	0.005 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				41	mg/kg	1.245	51.033	mg/kg	0.0051 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0214 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: GEO_WS214

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
GEO_WS214

Sample Depth:
2 m

LoW Code:

Chapter:
17: Construction and Demolition Wastes (including excavated soil from contaminated sites)

Entry:
17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<1 mg/kg		<1 mg/kg	<0.0001 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3.6 mg/kg		3.6 mg/kg	0.00036 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.3 mg/kg	5.719	1.716 mg/kg	0.000172 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<**LOD**
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		11 mg/kg	1.252	13.77 mg/kg	0.00138 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<0.1 mg/kg	1.884	<0.188 mg/kg	<0.0000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	7 mg/kg		7 mg/kg	0.0007 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<**LOD**
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	11 mg/kg		11 mg/kg	0.0011 %		
12	monohydric phenols			P1186		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		vanadium { divanadium pentaoxide; vanadium pentoxide }				13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
		023-001-00-8	215-239-8	1314-62-1									
15		zinc { zinc oxide }				26	mg/kg	1.245	32.363	mg/kg	0.00324 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0111 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: OP01

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
OP01
Sample Depth:
0.1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.2 mg/kg		0.2 mg/kg	0.00002 %		
2	acenaphthylene		205-917-1	208-96-8		0.18 mg/kg		0.18 mg/kg	0.000018 %		
3	anthracene		204-371-1	120-12-7		1.04 mg/kg		1.04 mg/kg	0.000104 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	21 mg/kg		21 mg/kg	0.0021 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		58 mg/kg		58 mg/kg	0.0058 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		1.04 mg/kg		1.04 mg/kg	0.000104 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		2.26 mg/kg		2.26 mg/kg	0.000226 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		2.16 mg/kg		2.16 mg/kg	0.000216 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		2.64 mg/kg		2.64 mg/kg	0.000264 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.2 mg/kg		1.2 mg/kg	0.00012 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	7.2 mg/kg		7.2 mg/kg	0.00072 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		42 mg/kg	1.462	61.385 mg/kg	0.00614 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		2.51	mg/kg		2.51	mg/kg	0.000251 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		275	mg/kg	1.252	344.239	mg/kg	0.0344 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		0.24	mg/kg		0.24	mg/kg	0.000024 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		4.48	mg/kg		4.48	mg/kg	0.000448 %		
21		fluorene		201-695-5	86-73-7		0.17	mg/kg		0.17	mg/kg	0.000017 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		1.16	mg/kg		1.16	mg/kg	0.000116 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	477	mg/kg		477	mg/kg	0.0477 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.32	mg/kg		0.32	mg/kg	0.000032 %		
25		naphthalene	601-052-00-2	202-049-5	91-20-3		0.16	mg/kg		0.16	mg/kg	0.000016 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	69	mg/kg		69	mg/kg	0.0069 %		
27		phenanthrene		201-581-5	85-01-8		2.6	mg/kg		2.6	mg/kg	0.00026 %		
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
29		pyrene		204-927-3	129-00-0		4.16	mg/kg		4.16	mg/kg	0.000416 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		557	mg/kg		557	mg/kg	0.0557 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		71	mg/kg	1.785	126.748	mg/kg	0.0127 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		684	mg/kg	1.245	851.384	mg/kg	0.0851 %		
											Total:	0.261 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0557%)

Classification of sample: OP03

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
OP03	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.1 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.04	mg/kg		0.04	mg/kg	0.000004 %		
2		acenaphthylene		205-917-1	208-96-8		0.05	mg/kg		0.05	mg/kg	0.000005 %		
3		anthracene		204-371-1	120-12-7		0.26	mg/kg		0.26	mg/kg	0.000026 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	21	mg/kg		21	mg/kg	0.0021 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		18	mg/kg		18	mg/kg	0.0018 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.26	mg/kg		0.26	mg/kg	0.000026 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.47	mg/kg		0.47	mg/kg	0.000047 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.48	mg/kg		0.48	mg/kg	0.000048 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.63	mg/kg		0.63	mg/kg	0.000063 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.4	mg/kg		3.4	mg/kg	0.00034 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		23	mg/kg	1.462	33.616	mg/kg	0.00336 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.58	mg/kg		0.58	mg/kg	0.000058 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				129	mg/kg	1.252	161.479	mg/kg	0.0161 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.99	mg/kg		0.99	mg/kg	0.000099 %		
			205-912-4	206-44-0									
21		fluorene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	191	mg/kg		191	mg/kg	0.0191 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.05	mg/kg		0.05	mg/kg	0.000005 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.45	mg/kg		0.45	mg/kg	0.000045 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.93	mg/kg		0.93	mg/kg	0.000093 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				183	mg/kg		183	mg/kg	0.0183 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				322	mg/kg	1.245	400.798	mg/kg	0.0401 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.11 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0183%)

Classification of sample: SoilSamp02

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp02

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	14 mg/kg		14 mg/kg	0.0014 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3 mg/kg		3 mg/kg	0.0003 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1 mg/kg		1 mg/kg	0.0001 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		25 mg/kg	1.252	31.294 mg/kg	0.00313 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	44 mg/kg		44 mg/kg	0.0044 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.05 mg/kg		1.05 mg/kg	0.000105 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	27 mg/kg		27 mg/kg	0.0027 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				25	mg/kg		25	mg/kg	0.0025 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				79	mg/kg	1.245	98.332	mg/kg	0.00983 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0348 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0025%)

Classification of sample: SoilSamp04

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp04

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		8 mg/kg		8 mg/kg	0.0008 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.2 mg/kg		1.2 mg/kg	0.00012 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		29 mg/kg	1.462	42.385 mg/kg	0.00424 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		79 mg/kg	1.252	98.89 mg/kg	0.00989 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	237 mg/kg		237 mg/kg	0.0237 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.01 mg/kg		1.01 mg/kg	0.000101 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	21 mg/kg		21 mg/kg	0.0021 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				52	mg/kg		52	mg/kg	0.0052 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				206	mg/kg	1.245	256.411	mg/kg	0.0256 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0781 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0052%)

Classification of sample: SoilSamp05

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp05

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	41 mg/kg		41 mg/kg	0.0041 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		36 mg/kg		36 mg/kg	0.0036 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		3.5 mg/kg	5.719	20.017 mg/kg	0.002 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	5.5 mg/kg		5.5 mg/kg	0.00055 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40 mg/kg	1.462	58.462 mg/kg	0.00585 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		626 mg/kg	1.252	783.612 mg/kg	0.0784 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				1 mg/kg	1.884	1.884 mg/kg	0.000188 %		
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	683 mg/kg		683 mg/kg	0.0683 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.27 mg/kg		0.27 mg/kg	0.000027 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	38 mg/kg		38 mg/kg	0.0038 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				10	mg/kg		10	mg/kg	0.001 %		
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				158	mg/kg		158	mg/kg	0.0158 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				49	mg/kg	1.785	87.474	mg/kg	0.00875 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				988	mg/kg	1.245	1229.777	mg/kg	0.123 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.315 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0158%)

Classification of sample: SoilSamp07

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp07

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	35 mg/kg		35 mg/kg	0.0035 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6 mg/kg		6 mg/kg	0.0006 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.5 mg/kg		0.5 mg/kg	0.00005 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		1.3 mg/kg	5.719	7.435 mg/kg	0.000743 %		
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.1 mg/kg		1.1 mg/kg	0.00011 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		21 mg/kg	1.462	30.693 mg/kg	0.00307 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		41 mg/kg	1.252	51.323 mg/kg	0.00513 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	172 mg/kg		172 mg/kg	0.0172 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		0.88 mg/kg		0.88 mg/kg	0.000088 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14 mg/kg		14 mg/kg	0.0014 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				35	mg/kg		35	mg/kg	0.0035 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				169	mg/kg	1.245	210.357	mg/kg	0.021 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0608 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0035%)

Classification of sample: SoilSamp09

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp09

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4 mg/kg		4 mg/kg	0.0004 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.8 mg/kg		1.8 mg/kg	0.00018 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		27 mg/kg	1.462	39.462 mg/kg	0.00395 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		145 mg/kg	1.252	181.508 mg/kg	0.0182 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	75 mg/kg		75 mg/kg	0.0075 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.47 mg/kg		1.47 mg/kg	0.000147 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	22 mg/kg		22 mg/kg	0.0022 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				786	mg/kg		786	mg/kg	0.0786 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				933	mg/kg	1.245	1161.318	mg/kg	0.116 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.236 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0786%)

Classification of sample: SoilSamp10

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp10

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	19 mg/kg		19 mg/kg	0.0019 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		45 mg/kg		45 mg/kg	0.0045 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	3.8 mg/kg		3.8 mg/kg	0.00038 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		744 mg/kg	1.252	931.322 mg/kg	0.0931 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	356 mg/kg		356 mg/kg	0.0356 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		2.09 mg/kg		2.09 mg/kg	0.000209 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	34 mg/kg		34 mg/kg	0.0034 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				1	mg/kg		1	mg/kg	0.0001 %		
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				152	mg/kg		152	mg/kg	0.0152 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				228	mg/kg	1.245	283.795	mg/kg	0.0284 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.194 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0152%)

Classification of sample: SoilSamp11

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
SoilSamp11

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5 mg/kg		5 mg/kg	0.0005 %		
2	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		6 mg/kg		6 mg/kg	0.0006 %		
3	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
4	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
5	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.4 mg/kg		1.4 mg/kg	0.00014 %		
6	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24 mg/kg	1.462	35.077 mg/kg	0.00351 %		
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		39 mg/kg	1.252	48.819 mg/kg	0.00488 %		
8	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<**LOD**
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	154 mg/kg		154 mg/kg	0.0154 %		
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		1.14 mg/kg		1.14 mg/kg	0.000114 %		
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	14 mg/kg		14 mg/kg	0.0014 %		
12	monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<**LOD**

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
13		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
14		TPH (C6 to C40) petroleum group				269	mg/kg		269	mg/kg	0.0269 %		
				TPH									
15		vanadium { divanadium pentaoxide; vanadium pentoxide }				21	mg/kg	1.785	37.489	mg/kg	0.00375 %		
		023-001-00-8	215-239-8	1314-62-1									
16		zinc { zinc oxide }				139	mg/kg	1.245	173.015	mg/kg	0.0173 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0755 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0269%)

Classification of sample: TP304

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP304
Sample Depth:
1.2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
3	anthracene		204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		9 mg/kg	0.0009 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		10 mg/kg	1.462	14.616 mg/kg	0.00146 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				93	mg/kg	1.252	116.415	mg/kg	0.0116 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	77	mg/kg		77	mg/kg	0.0077 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	19	mg/kg		19	mg/kg	0.0019 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				4	mg/kg		4	mg/kg	0.0004 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				16	mg/kg	1.785	28.563	mg/kg	0.00286 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				301	mg/kg	1.245	374.659	mg/kg	0.0375 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0659 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0004%)

Classification of sample: TP304[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP304[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2.45 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
1	•	TPH (C6 to C40) petroleum group		TPH		156	mg/kg		156	mg/kg	0.0156 %		
										Total:	0.0156 %		

Key

	User supplied data
•	Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0156%)

Classification of sample: TP305

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP305
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		228 mg/kg		228 mg/kg	0.0228 %		
								Total:	0.0228 %		

Key

User supplied data
● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0228%)

Classification of sample: TP305[2]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP305[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	•	TPH (C6 to C40) petroleum group		TPH		16 mg/kg		16 mg/kg	0.0016 %		
								Total:	0.0016 %		

Key

- User supplied data
- • Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0016%)

Classification of sample: TP305[3]

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP305[3]
Sample Depth:
3 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
2	acenaphthylene		205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
3	anthracene		204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<**LOD**
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	11 mg/kg		11 mg/kg	0.0011 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		31 mg/kg		31 mg/kg	0.0031 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.16 mg/kg		0.16 mg/kg	0.000016 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<**LOD**
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.24 mg/kg		0.24 mg/kg	0.000024 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.15 mg/kg		0.15 mg/kg	0.000015 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		3 mg/kg		3 mg/kg	0.0003 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		18 mg/kg	1.462	26.308 mg/kg	0.00263 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.07	mg/kg		0.07	mg/kg	0.000007 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		342	mg/kg	1.252	428.108	mg/kg	0.0428 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
20		fluoranthene		205-912-4	206-44-0		<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<**LOD**
21		fluorene		201-695-5	86-73-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.19	mg/kg		0.19	mg/kg	0.000019 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	131	mg/kg		131	mg/kg	0.0131 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<**LOD**
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	50	mg/kg		50	mg/kg	0.005 %		
27		phenanthrene		201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
28		monohydric phenols			P1186		<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
29		pyrene		204-927-3	129-00-0		<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<**LOD**
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
32		TPH (C6 to C40) petroleum group			TPH		2	mg/kg		2	mg/kg	0.0002 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		54	mg/kg	1.785	96.4	mg/kg	0.00964 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		121	mg/kg	1.245	150.61	mg/kg	0.0151 %		
											Total:	0.0941 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0002%)

Classification of sample: TP306

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TP306	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.5 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.01	mg/kg		0.01	mg/kg	0.000001 %		
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.07	mg/kg		0.07	mg/kg	0.000007 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	9	mg/kg		9	mg/kg	0.0009 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		40	mg/kg		40	mg/kg	0.004 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		0.12	mg/kg		0.12	mg/kg	0.000012 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.17	mg/kg		0.17	mg/kg	0.000017 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.25	mg/kg		0.25	mg/kg	0.000025 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.34	mg/kg		0.34	mg/kg	0.000034 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.9	mg/kg		1.9	mg/kg	0.00019 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.7	mg/kg		1.7	mg/kg	0.00017 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		17	mg/kg	1.462	24.846	mg/kg	0.00248 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				297	mg/kg	1.252	371.778	mg/kg	0.0372 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
			205-912-4	206-44-0									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	687	mg/kg		687	mg/kg	0.0687 %		
		082-001-00-6											
24		mercury { mercury }				0.45	mg/kg		0.45	mg/kg	0.000045 %		
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	40	mg/kg		40	mg/kg	0.004 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				0.19	mg/kg		0.19	mg/kg	0.000019 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.28	mg/kg		0.28	mg/kg	0.000028 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				93	mg/kg		93	mg/kg	0.0093 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				45	mg/kg	1.785	80.333	mg/kg	0.00803 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				169	mg/kg	1.245	210.357	mg/kg	0.021 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.157 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0093%)

Classification of sample: TP307

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP307
Sample Depth:
2 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.18 mg/kg		0.18 mg/kg	0.000018 %		
2	acenaphthylene		205-917-1	208-96-8		0.01 mg/kg		0.01 mg/kg	0.000001 %		
3	anthracene		204-371-1	120-12-7		0.6 mg/kg		0.6 mg/kg	0.00006 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		9 mg/kg		9 mg/kg	0.0009 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7	benzo[ghi]perylene		205-883-8	191-24-2		0.43 mg/kg		0.43 mg/kg	0.000043 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		1.94 mg/kg		1.94 mg/kg	0.000194 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		1.28 mg/kg		1.28 mg/kg	0.000128 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		1.61 mg/kg		1.61 mg/kg	0.000161 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.1 mg/kg		1.1 mg/kg	0.00011 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.9 mg/kg		0.9 mg/kg	0.00009 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				2.45	mg/kg		2.45	mg/kg	0.000245 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				30	mg/kg	1.252	37.553	mg/kg	0.00376 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<**LOD**
		006-007-00-5											
18		dibenz[a,h]anthracene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				5.43	mg/kg		5.43	mg/kg	0.000543 %		
			205-912-4	206-44-0									
21		fluorene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.48	mg/kg		0.48	mg/kg	0.000048 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	31	mg/kg		31	mg/kg	0.0031 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<**LOD**
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	28	mg/kg		28	mg/kg	0.0028 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				2.41	mg/kg		2.41	mg/kg	0.000241 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
				P1186									
29		pyrene				5.48	mg/kg		5.48	mg/kg	0.000548 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				187	mg/kg		187	mg/kg	0.0187 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				89	mg/kg	1.245	110.78	mg/kg	0.0111 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0517 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0187%)

Classification of sample: TP308

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP308
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		3	mg/kg		3	mg/kg	0.0003 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<**LOD**
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7	mg/kg	1.462	10.231	mg/kg	0.00102 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				11	mg/kg	1.252	13.77	mg/kg	0.00138 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	7	mg/kg		7	mg/kg	0.0007 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	7	mg/kg		7	mg/kg	0.0007 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				8	mg/kg	1.785	14.281	mg/kg	0.00143 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				36	mg/kg	1.245	44.81	mg/kg	0.00448 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.0118 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP309

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP309
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
2		acenaphthylene		205-917-1	208-96-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
3		anthracene		204-371-1	120-12-7		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<**LOD**
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		10	mg/kg		10	mg/kg	0.001 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
7		benzo[ghi]perylene		205-883-8	191-24-2		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<**LOD**
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.3	mg/kg		1.3	mg/kg	0.00013 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<**LOD**
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.8	mg/kg		0.8	mg/kg	0.00008 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		24	mg/kg	1.462	35.077	mg/kg	0.00351 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				36	mg/kg	1.252	45.064	mg/kg	0.00451 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
			205-912-4	206-44-0									
21		fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	88	mg/kg		88	mg/kg	0.0088 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	32	mg/kg		32	mg/kg	0.0032 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				52	mg/kg	1.245	64.725	mg/kg	0.00647 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<LOD
		024-017-00-8											
										Total:	0.035 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TP310

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:
TP310
Sample Depth:
1 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		0.11 mg/kg		0.11 mg/kg	0.000011 %		
2	acenaphthylene		205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %		
3	anthracene		204-371-1	120-12-7		0.28 mg/kg		0.28 mg/kg	0.000028 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<**LOD**
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		4 mg/kg		4 mg/kg	0.0004 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<**LOD**
7	benzo[ghi]perylene		205-883-8	191-24-2		0.11 mg/kg		0.11 mg/kg	0.000011 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.35 mg/kg		0.35 mg/kg	0.000035 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.29 mg/kg		0.29 mg/kg	0.000029 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.26 mg/kg		0.26 mg/kg	0.000026 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.9 mg/kg		0.9 mg/kg	0.00009 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<**LOD**
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<**LOD**
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		11 mg/kg	1.462	16.077 mg/kg	0.00161 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
15		chrysene				0.4	mg/kg		0.4	mg/kg	0.00004 %		
		601-048-00-0	205-923-4	218-01-9									
16		copper { copper(II) oxide }				25	mg/kg	1.252	31.294	mg/kg	0.00313 %		
		029-016-00-6	215-269-1	1317-38-0									
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
		006-007-00-5											
18		dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		601-041-00-2	200-181-8	53-70-3									
19		ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-023-00-4	202-849-4	100-41-4									
20		fluoranthene				0.88	mg/kg		0.88	mg/kg	0.000088 %		
			205-912-4	206-44-0									
21		fluorene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
			201-695-5	86-73-7									
22		indeno[123-cd]pyrene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
			205-893-2	193-39-5									
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	93	mg/kg		93	mg/kg	0.0093 %		
		082-001-00-6											
24		mercury { mercury }				<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
		080-001-00-0	231-106-7	7439-97-6									
25		naphthalene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
26		nickel { nickel }			7	14	mg/kg		14	mg/kg	0.0014 %		
		028-002-00-7	231-111-4	7440-02-0									
27		phenanthrene				1.12	mg/kg		1.12	mg/kg	0.000112 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
				P1186									
29		pyrene				0.83	mg/kg		0.83	mg/kg	0.000083 %		
			204-927-3	129-00-0									
30		selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				<0.5	mg/kg		<0.5	mg/kg	<0.00005 %		<LOD
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				14	mg/kg	1.785	24.993	mg/kg	0.0025 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				31	mg/kg	1.245	38.586	mg/kg	0.00386 %		
		030-013-00-7	215-222-5	1314-13-2									
										Total:	0.0243 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TT301

Non Hazardous Waste
Classified as **17 05 04**
in the List of Waste

Sample details

Sample name:	LoW Code:	
TT301	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
1.2 m	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		33 mg/kg		33 mg/kg	0.0033 %		
								Total:	0.0033 %		

Key

User supplied data

● Determinand defined or amended by HazWasteOnline (see Appendix A)

Supplementary Hazardous Property Information

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"

Force this Hazardous property to non hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0033%)

Classification of sample: TT301[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:
TT301[2]
Sample Depth:
2.45 m

LoW Code:
Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Entry: 17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.232%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.232%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.232%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		0.09	mg/kg		0.09	mg/kg	0.000009 %		
2		acenaphthylene		205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
3		anthracene		204-371-1	120-12-7		0.11	mg/kg		0.11	mg/kg	0.000011 %		
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	5	mg/kg		5	mg/kg	0.0005 %		
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		29	mg/kg		29	mg/kg	0.0029 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
6		benzene	601-020-00-8	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
7		benzo[ghi]perylene		205-883-8	191-24-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		0.16 mg/kg		0.16 mg/kg	0.000016 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		0.13 mg/kg		0.13 mg/kg	0.000013 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		0.19 mg/kg		0.19 mg/kg	0.000019 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		1.7 mg/kg		1.7 mg/kg	0.00017 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.5 mg/kg		1.5 mg/kg	0.00015 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		15 mg/kg	1.462	21.923 mg/kg	0.00219 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		0.26 mg/kg		0.26 mg/kg	0.000026 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		150 mg/kg	1.252	187.766 mg/kg	0.0188 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
20		fluoranthene		205-912-4	206-44-0		0.2 mg/kg		0.2 mg/kg	0.00002 %		
21		fluorene		201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
22		indeno[123-cd]pyrene		205-893-2	193-39-5		0.1 mg/kg		0.1 mg/kg	0.00001 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	464 mg/kg		464 mg/kg	0.0464 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17 mg/kg		<0.17 mg/kg	<0.000017 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	33 mg/kg		33 mg/kg	0.0033 %		
27		phenanthrene		201-581-5	85-01-8		0.1 mg/kg		0.1 mg/kg	0.00001 %		
28		monohydric phenols			P1186		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
29		pyrene		204-927-3	129-00-0		0.61 mg/kg		0.61 mg/kg	0.000061 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
31		toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				2324	mg/kg		2324	mg/kg	0.232 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				262	mg/kg	1.245	326.115	mg/kg	0.0326 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.348 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TT302

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
TT302	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.3 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 0.00004%)
ethylbenzene: (conc.: 0.00003%)
toluene: (conc.: 0.00003%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.744%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.744%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.744%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1		acenaphthene		201-469-6	83-32-9		7.29 mg/kg		7.29 mg/kg	0.000729 %		
2		acenaphthylene		205-917-1	208-96-8		10.9 mg/kg		10.9 mg/kg	0.00109 %		
3		anthracene		204-371-1	120-12-7		19.1 mg/kg		19.1 mg/kg	0.00191 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
4		antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	<5	mg/kg		<5	mg/kg	<0.0005 %		<LOD
5		arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		11	mg/kg		11	mg/kg	0.0011 %		
6		benzene	601-020-00-8	200-753-7	71-43-2		0.41	mg/kg		0.41	mg/kg	0.000041 %		
7		benzo[ghi]perylene		205-883-8	191-24-2		29.9	mg/kg		29.9	mg/kg	0.00299 %		
8		benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		39.6	mg/kg		39.6	mg/kg	0.00396 %		
9		benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		39.6	mg/kg		39.6	mg/kg	0.00396 %		
10		benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		35.8	mg/kg		35.8	mg/kg	0.00358 %		
11		beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.6	mg/kg		0.6	mg/kg	0.00006 %		
12		boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1	mg/kg	5.719	<5.719	mg/kg	<0.000572 %		<LOD
13		cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	0.5	mg/kg		0.5	mg/kg	0.00005 %		
14		chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		7	mg/kg	1.462	10.231	mg/kg	0.00102 %		
15		chrysene	601-048-00-0	205-923-4	218-01-9		60	mg/kg		60	mg/kg	0.006 %		
16		copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		65	mg/kg	1.252	81.365	mg/kg	0.00814 %		
17		cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				10	mg/kg	1.884	18.84	mg/kg	0.00188 %		
18		dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		5.51	mg/kg		5.51	mg/kg	0.000551 %		
19		ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.34	mg/kg		0.34	mg/kg	0.000034 %		
20		fluoranthene		205-912-4	206-44-0		59	mg/kg		59	mg/kg	0.0059 %		
21		fluorene		201-695-5	86-73-7		13.4	mg/kg		13.4	mg/kg	0.00134 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		24.1	mg/kg		24.1	mg/kg	0.00241 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	162	mg/kg		162	mg/kg	0.0162 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<LOD
25		naphthalene	601-052-00-2	202-049-5	91-20-3		9.57	mg/kg		9.57	mg/kg	0.000957 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	12	mg/kg		12	mg/kg	0.0012 %		

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
27		phenanthrene				74.4	mg/kg		74.4	mg/kg	0.00744 %		
			201-581-5	85-01-8									
28		monohydric phenols				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<**LOD**
				P1186									
29		pyrene				129	mg/kg		129	mg/kg	0.0129 %		
			204-927-3	129-00-0									
30		selenium { selenium }				1	mg/kg		1	mg/kg	0.0001 %		
		034-001-00-2	231-957-4	7782-49-2									
31		toluene				0.38	mg/kg		0.38	mg/kg	0.000038 %		
		601-021-00-3	203-625-9	108-88-3									
32		TPH (C6 to C40) petroleum group				7442.41	mg/kg		7442.41	mg/kg	0.744 %		
				TPH									
33		vanadium { divanadium pentaoxide; vanadium pentoxide }				13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
		023-001-00-8	215-239-8	1314-62-1									
34		zinc { zinc oxide }				126	mg/kg	1.245	156.834	mg/kg	0.0157 %		
		030-013-00-7	215-222-5	1314-13-2									
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
		024-017-00-8											
										Total:	0.849 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: TT302[2]

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
TT302[2]	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.8 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.174%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.174%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.174%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number							
1	●	TPH (C6 to C40) petroleum group		TPH		1740 mg/kg		1740 mg/kg	0.174 %		
								Total:	0.174 %		

Key

	User supplied data
	Hazardous result
●	Determinand defined or amended by HazWasteOnline (see Appendix A)

Classification of sample: TT303

Hazardous Waste
Classified as **17 05 03 ***
in the List of Waste

Sample details

Sample name:	LoW Code:	
TT303	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:		
0.35 m	Entry:	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 3(i): Flammable "flammable liquid waste: liquid waste having a flash point below 60°C or waste gas oil, diesel and light heating oils having a flash point > 55°C and <= 75°C"
Force this Hazardous property to hazardous because At this concentration, TPH is sufficiently dilute

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 0.00001%)
ethylbenzene: (conc.: 0.00001%)
toluene: (conc.: 0.00003%)

Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.311%)

HP 7: Carcinogenic "waste which induces cancer or increases its incidence"

Hazard Statements hit:

Carc. 1B; H350 "May cause cancer [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.311%)

HP 10: Toxic for reproduction "waste which has adverse effects on sexual function and fertility in adult males and females, as well as developmental toxicity in the offspring"

Hazard Statements hit:

Repr. 2; H361d "Suspected of damaging the unborn child."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.311%)

HP 11: Mutagenic "waste which may cause a mutation, that is a permanent change in the amount or structure of the genetic material in a cell"

Hazard Statements hit:

Muta. 1B; H340 "May cause genetic defects [state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard]."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.311%)

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

phenanthrene: (conc.: 0.108%)

Aquatic Chronic 2; H411 "Toxic to aquatic life with long lasting effects."

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 5.311%)

Determinands

Moisture content: 0% No Moisture Correction applied (MC)

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	acenaphthene		201-469-6	83-32-9		94.1 mg/kg		94.1 mg/kg	0.00941 %		
2	acenaphthylene		205-917-1	208-96-8		110 mg/kg		110 mg/kg	0.011 %		
3	anthracene		204-371-1	120-12-7		155 mg/kg		155 mg/kg	0.0155 %		
4	antimony { antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex }	051-003-00-9			1	10 mg/kg		10 mg/kg	0.001 %		
5	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2		24 mg/kg		24 mg/kg	0.0024 %		
6	benzene	601-020-00-8	200-753-7	71-43-2		0.14 mg/kg		0.14 mg/kg	0.000014 %		
7	benzo[ghi]perylene		205-883-8	191-24-2		74.6 mg/kg		74.6 mg/kg	0.00746 %		
8	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3		205 mg/kg		205 mg/kg	0.0205 %		
9	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8		123 mg/kg		123 mg/kg	0.0123 %		
10	benzo[bk]fluoranthene		[1] 205-911-9 [2] 205-916-6	[1] 205-99-2 [2] 207-08-9		111 mg/kg		111 mg/kg	0.0111 %		
11	beryllium { beryllium }	004-001-00-7	231-150-7	7440-41-7		0.7 mg/kg		0.7 mg/kg	0.00007 %		
12	boron { boric acid [1] boric acid [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		<1 mg/kg	5.719	<5.719 mg/kg	<0.000572 %		<LOD
13	cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex	048-001-00-5			1	1.7 mg/kg		1.7 mg/kg	0.00017 %		
14	chromium { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		40 mg/kg	1.462	58.462 mg/kg	0.00585 %		
15	chrysene	601-048-00-0	205-923-4	218-01-9		409 mg/kg		409 mg/kg	0.0409 %		
16	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0		87 mg/kg	1.252	108.905 mg/kg	0.0109 %		
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }	006-007-00-5				4 mg/kg	1.884	7.536 mg/kg	0.000754 %		
18	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3		19.2 mg/kg		19.2 mg/kg	0.00192 %		
19	ethylbenzene	601-023-00-4	202-849-4	100-41-4		0.11 mg/kg		0.11 mg/kg	0.000011 %		

#		Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
20		fluoranthene		205-912-4	206-44-0		272	mg/kg		272	mg/kg	0.0272 %		
21		fluorene		201-695-5	86-73-7		248	mg/kg		248	mg/kg	0.0248 %		
22		indeno[123-cd]pyrene		205-893-2	193-39-5		65.4	mg/kg		65.4	mg/kg	0.00654 %		
23		lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	46	mg/kg		46	mg/kg	0.0046 %		
24		mercury { mercury }	080-001-00-0	231-106-7	7439-97-6		<0.17	mg/kg		<0.17	mg/kg	<0.000017 %		<**LOD**
25		naphthalene	601-052-00-2	202-049-5	91-20-3		822	mg/kg		822	mg/kg	0.0822 %		
26		nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	35	mg/kg		35	mg/kg	0.0035 %		
27		phenanthrene		201-581-5	85-01-8		1080	mg/kg		1080	mg/kg	0.108 %		
28		monohydric phenols			P1186		0.2	mg/kg		0.2	mg/kg	0.00002 %		
29		pyrene		204-927-3	129-00-0		437	mg/kg		437	mg/kg	0.0437 %		
30		selenium { selenium }	034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<**LOD**
31		toluene	601-021-00-3	203-625-9	108-88-3		0.32	mg/kg		0.32	mg/kg	0.000032 %		
32		TPH (C6 to C40) petroleum group			TPH		53110.32	mg/kg		53110.32	mg/kg	5.311 %		
33		vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1		40	mg/kg	1.785	71.407	mg/kg	0.00714 %		
34		zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2		76	mg/kg	1.245	94.598	mg/kg	0.00946 %		
35		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }	024-017-00-8				<1	mg/kg	2.27	<2.27	mg/kg	<0.000227 %		<**LOD**
											Total:	5.78 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Hazardous result
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Deteminand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Appendix A: Classifier defined and non EU CLP determinands

- **acenaphthene** (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Aquatic Chronic 2; H411

- **acenaphthylene** (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 1; H330 , Acute Tox. 1; H310 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315

- **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **arsenic** (EC Number: 231-148-6, CAS Number: 7440-38-2)

EU CLP index number: 033-001-00-X
Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **benzo[bk]fluoranthene** (EC Number: [1] 205-911-9 [2] 205-916-6, CAS Number: [1] 205-99-2 [2] 207-08-9)

Description/Comments: Combined data from harmonised entries in CLP for benzo[b] and benzo[k]fluoranthene; C&L Inventory Database
Data source: https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 02 Mar 2017
Hazard Statements: Carc. 1B; H350 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex**

EU CLP index number: 048-001-00-5
Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
29 Sep 2015 - Carc. 1A; H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

- **chromium(III) oxide (worst case)** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database
Data source: https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806
Data source date: 17 Jul 2015
Hazard Statements: Acute Tox. 4; H332 , Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Resp. Sens. 1; H334 , Skin Sens. 1; H317 , Repr. 1B; H360FD , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

- **salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex**

EU CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

EU CLP index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

fluoranthene (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

fluorene (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

indeno[123-cd]pyrene (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

lead compounds with the exception of those specified elsewhere in this Annex (worst case)

EU CLP index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following CLP protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A
Additional Hazard Statement(s): Carc. 1A; H350
Reason for additional Hazards Statement(s):
03 Jun 2015 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

phenanthrene (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

monohydric phenols (CAS Number: P1186)

Description/Comments: Combined hazards statements from harmonised entries in CLP for phenol, cresols and xylenols (604-001-00-2, 604-004-00-9, 604-006-00-X)
Data source: CLP combined data
Data source date: 26 Mar 2019
Hazard Statements: Muta. 2; H341 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , Acute Tox. 3; H301 , STOT RE 2; H373 , Skin Corr. 1B; H314 , Skin Corr. 1B; H314 >= 3 % , Skin Irrit. 2; H315 1 £ conc. < 3 % , Eye Irrit. 2; H319 1 £ conc. < 3 % , Aquatic Chronic 2; H411

pyrene (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

Appendix B: Rationale for selection of metal species

antimony {antimony compounds, with the exception of the tetroxide (Sb2O4), pentoxide (Sb2O5), trisulphide (Sb2S3), pentasulphide (Sb2S5) and those specified elsewhere in this Annex}

Total antimony

arsenic {arsenic}

Total arsenic

beryllium {beryllium}

Total beryllium

boron {boric acid [1] boric acid [2]}

Water soluble boron

chromium {chromium(III) oxide (worst case)}

Total chromium

copper {copper(II) oxide}

Total copper

cyanides {salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex}

Total cyanide

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Total lead

mercury {mercury}

Total mercury

nickel {nickel}

Total nickel

selenium {selenium}

Total selenium

vanadium {divanadium pentaoxide; vanadium pentoxide}

Total vanadium

zinc {zinc oxide}

Total zinc

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

Worst case species (edit as required)

manganese {manganese sulphate}

Worst case species (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018
HazWasteOnline Classification Engine Version: 2022.192.5237.9831 (11 Jul 2022)
HazWasteOnline Database: 2022.192.5237.9831 (11 Jul 2022)

This classification utilises the following guidance and legislation:
WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018
CLP Regulation - Regulation 1272/2008/EC of 16 December 2008
1st ATP - Regulation 790/2009/EC of 10 August 2009
2nd ATP - Regulation 286/2011/EC of 10 March 2011
3rd ATP - Regulation 618/2012/EU of 10 July 2012
4th ATP - Regulation 487/2013/EU of 8 May 2013
Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013
5th ATP - Regulation 944/2013/EU of 2 October 2013
6th ATP - Regulation 605/2014/EU of 5 June 2014
WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014
Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014
7th ATP - Regulation 2015/1221/EU of 24 July 2015
8th ATP - Regulation (EU) 2016/918 of 19 May 2016
9th ATP - Regulation (EU) 2016/1179 of 19 July 2016
10th ATP - Regulation (EU) 2017/776 of 4 May 2017
HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017
13th ATP - Regulation (EU) 2018/1480 of 4 October 2018
14th ATP - Regulation (EU) 2020/217 of 4 October 2019
15th ATP - Regulation (EU) 2020/1182 of 19 May 2020
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2019 - UK: 2019 No. 720 of 27th March 2019
The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020
The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020
17th ATP - Regulation (EU) 2021/849 of 11 March 2021

Appendix E - Ground gas monitoring summary

Installation	Date Time	Atm. Pressure	CH4		CO2		O2		H2S		CO		Flow		PID	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max
		bar	%vol	%vol	%vol	%vol	%vol	%vol	ppm	ppm	ppm	ppm	l/hr	l/hr	ppmv	ppmv
BH101	26/05/2022	1012	0.4	0.4	0.1	6.9	8.1	21.6	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	06/06/2022	1011	0.4	0.4	4.7	7.4	5.3	20.1	0.0	0.0	0.0	17.0	0.1	0.2	0.00	0.00
	20/06/2022	1017	0.4	0.4	5.6	8.1	4.0	18.5	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	04/07/2022	1016	0.1	0.1	6.2	8.4	4.4	16.3	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	18/07/2022	1016	1.0	1.0	5.1	9.7	3.5	18.5	0.0	0.0	0.0	2.0	0.1	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	6.3	7.9	8.1	19.0	0.0	0.0	0.0	1.0	0.0	0.0	0.00	0.00
	All data		**0.1**	**1.0**	**0.1**	**9.7**	**3.5**	**21.6**	**0.0**	**0.0**	**0.0**	**17.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH102	26/05/2022	1012	0.3	0.3	0.5	0.5	20.5	21.0	0.0	0.0	0.0	0.0	-0.5	-0.4	0.00	0.00
	06/06/2022	1011	0.3	0.4	0.2	0.7	21.2	21.7	0.0	0.0	0.0	0.0	-0.9	0.0	0.00	0.00
	20/06/2022	1017	0.1	0.3	0.5	1.9	18.8	21.0	0.0	0.0	1.0	2.0	-2.1	0.1	0.00	0.00
	04/07/2022	1016	0.0	0.0	2.7	6.2	10.4	16.5	0.0	0.0	0.0	4.0	0.0	2.5	0.00	0.00
	18/07/2022	1016	0.9	0.9	0.2	0.6	16.2	20.8	0.0	0.0	1.0	3.0	0.1	0.2	0.00	0.00
	01/08/2022	1016	1.0	1.0	3.0	7.1	11.3	18.2	0.0	0.0	0.0	15.0	0.0	0.0	0.00	0.00
	All data		**0.0**	**1.0**	**0.2**	**7.1**	**10.4**	**21.7**	**0.0**	**0.0**	**0.0**	**15.0**	**-2.1**	**2.5**	**0.0**	**0.0**
BH112	26/05/2022	1012	0.3	0.3	2.3	2.3	18.7	19.4	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	06/06/2022	1010	0.1	0.1	2.1	2.8	16.5	17.8	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	20/06/2022	1013	0.1	0.2	3.2	3.2	14.0	16.5	0.0	0.0	0.0	1.0	0.2	0.3	0.00	0.00
	05/07/2022	1020	0.0	0.0	0.1	0.1	20.2	20.4	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	18/07/2022	1013	0.8	0.8	3.3	5.2	14.0	15.9	1.0	1.0	2.0	3.0	0.1	0.1	0.00	0.00
	01/08/2022	1016	0.9	0.9	3.1	3.2	14.9	17.0	0.0	0.0	1.0	2.0	0.1	0.1	0.00	0.00
	All data		**0.0**	**0.9**	**0.1**	**5.2**	**14.0**	**20.4**	**0.0**	**1.0**	**0.0**	**3.0**	**0.1**	**0.3**	**0.0**	**0.0**
BH201	26/05/2022	1012	0.3	0.3	1.1	1.7	11.8	19.6	0.0	0.0	0.0	0.0	-0.5	2.6	0.00	0.00
	06/06/2022	1011	0.4	0.4	1.1	2.1	10.2	19.4	0.0	0.0	0.0	0.0	0.0	0.1	0.00	0.00
	20/06/2022	1017	0.3	0.3	0.3	2.0	7.2	20.4	0.0	0.0	0.0	1.0	0.2	0.2	0.00	0.00
	04/07/2022	1016	0.0	0.0	0.3	1.4	11.8	20.8	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	18/07/2022	1016	1.0	1.0	0.3	2.0	10.9	20.3	0.0	0.0	0.0	1.0	0.2	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.5	2.0	10.6	20.4	0.0	0.0	0.0	1.0	0.2	0.2	0.00	0.00
	All data		**0.0**	**1.0**	**0.3**	**2.1**	**7.2**	**20.8**	**0.0**	**0.0**	**0.0**	**1.0**	**-0.5**	**2.6**	**0.0**	**0.0**
BH202	26/05/2022	1012	0.3	0.4	0.1	0.3	19.5	22.0	0.0	0.0	0.0	1.0	-0.3	0.0	0.00	0.00
	06/06/2022	1011	0.4	0.4	0.1	0.6	19.2	21.5	0.0	0.0	0.0	3.0	0.1	0.1	0.00	0.00
	20/06/2022	1017	0.2	0.2	0.1	0.5	18.4	20.8	0.0	0.0	0.0	9.0	0.1	0.1	0.00	0.00
	04/07/2022	1016	0.0	0.0	0.1	0.5	18.2	20.8	0.0	0.0	0.0	3.0	0.1	0.2	0.00	0.00
	18/07/2022	1016	1.1	1.2	0.8	4.5	15.2	20.3	0.0	0.0	1.0	1.0	0.0	0.0	0.00	0.00
	01/08/2022	1016	0.8	0.8	0.2	0.6	14.9	20.7	0.0	0.0	1.0	3.0	0.2	0.2	0.00	0.00
	All data		**0.0**	**1.2**	**0.1**	**4.5**	**14.9**	**22.0**	**0.0**	**0.0**	**0.0**	**9.0**	**-0.3**	**0.2**	**0.0**	**0.0**
BH204	26/05/2022	1012	0.3	0.4	8.3	8.5	12.3	17.6	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	06/06/2022	1011	0.3	0.3	0.3	0.6	21.0	21.5	0.0	0.0	2.0	2.0	0.1	0.2	0.00	0.00
	20/06/2022	1017	0.1	0.1	0.1	1.5	20.7	20.8	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	05/07/2022	1020	0.1	0.1	0.2	0.3	20.2	20.8	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	18/07/2022	1017	0.9	1.0	0.1	0.2	17.3	20.8	0.0	0.0	1.0	2.0	0.1	0.1	0.00	0.00
	01/08/2022	1016	1.0	1.0	10.2	10.7	10.2	16.6	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	All data		**0.1**	**1.0**	**0.1**	**10.7**	**10.2**	**21.5**	**0.0**	**0.0**	**0.0**	**2.0**	**0.1**	**0.2**	**0.0**	**0.0**
BH205	26/05/2022	1012	0.3	0.3	2.1	2.1	7.8	14.0	0.0	0.0	0.0	1.0	-8.9	-4.5	0.00	0.00
	06/06/2022	1011	0.3	0.3	0.4	0.7	19.2	21.3	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	20/06/2022	1017	0.1	0.1	0.8	1.9	15.9	19.8	0.0	0.0	1.0	5.0	-0.8	0.2	0.00	0.00
	04/07/2022	1016	0.0	0.0	0.2	1.5	16.2	21.0	0.0	0.0	0.0	4.0	0.0	0.1	0.00	0.00
	18/07/2022	1016	1.0	1.0	1.3	1.3	18.1	20.8	0.0	0.0	0.0	4.0	0.1	0.1	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.4	1.4	17.4	20.2	0.0	0.0	0.0	4.0	0.0	0.3	0.00	0.00
	All data		**0.0**	**1.0**	**0.2**	**2.1**	**7.8**	**21.3**	**0.0**	**0.0**	**0.0**	**5.0**	**-8.9**	**0.3**	**0.0**	**0.0**
BH206	26/05/2022	1012	0.3	0.3	0.1	6.6	9.1	21.6	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	06/06/2022		No data - well flooded													
	20/06/2022		No data - well flooded													
	04/07/2022	1016	0.1	0.1	7.5	8.0	8.6	14.4	0.0	0.0	9.0	31.0	0.0	0.0	0.00	0.00
	18/07/2022	1016	0.9	0.9	0.3	8.5	9.1	17.9	0.0	0.0	1.0	1.0	0.1	0.1	0.00	0.00
	01/08/2022	1016	0.8	0.9	0.7	9.1	8.7	20.5	0.0	0.0	0.0	2.0	0.1	0.2	0.00	0.00
	All data		**0.1**	**0.9**	**0.1**	**9.1**	**8.6**	**21.6**	**0.0**	**0.0**	**0.0**	**31.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH207	26/05/2022	1012	0.3	0.3	0.1	0.1	16.4	21.5	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	06/06/2022	1011	0.4	0.4	0.1	0.1	21.7	21.7	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	20/06/2022	1017	0.2	0.2	0.1	0.9	20.6	21.4	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	04/07/2022	1016	0.0	0.1	0.2	2.1	18.9	21.1	0.0	0.0	0.0	1.0	0.0	0.2	0.00	0.00
	18/07/2022	1017	0.9	0.9	0.2	0.7	20.2	21.0	0.0	0.0	0.0	1.0	0.2	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.2	0.4	17.9	21.8	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	All data		**0.0**	**0.9**	**0.1**	**2.1**	**16.4**	**21.8**	**0.0**	**0.0**	**0.0**	**1.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH208	27/05/2022	1019	0.3	0.4	3.5	7.8	13.8	18.2	0.0	0.0	0.0	0.0	0.0	0.1	0.00	0.00
	06/06/2022	1011	0.3	0.3	3.5	7.2	14.8	18.1	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	20/06/2022	1017	0.2	1.1	1.0	7.2	14.7	20.4	0.0	0.0	0.0	2.0	0.1	0.2	0.00	0.00
	04/07/2022	1016	0.0	0.0	2.5	7.2	14.6	18.6	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	18/07/2022	1017	1.0	1.0	1.2	6.9	15.8	20.0	0.0	0.0	1.0	2.0	0.0	0.1	0.00	0.00
	01/08/2022	1016	1.0	1.0	0.3	6.5	16.1	21.5	0.0	0.0	0.0	1.0	0.0	0.1	0.00	0.00
	All data		**0.0**	**1.1**	**0.3**	**7.8**	**13.8**	**21.5**	**0.0**	**0.0**	**0.0**	**2.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH209	27/05/2022	1019	0.4	0.4	0.8	7.3	8.6	21.0	0.0	0.0	0.0	2.0	-8.9	-4.2	0.00	0.00
	06/06/2022	1011	0.3	0.3	1.0	7.2	8.6	20.1	0.0	0.0	1.0	1.0	-1.0	-0.1	0.00	0.00
	20/06/2022	1017	0.2	0.2	0.1	6.9	8.8	21.4	0.0	0.0	0.0	3.0	0.0	0.1	0.00	0.00
	04/07/2022	1016	0.0	0.0	0.6	7.2	8.7	19.7	0.0	0.0	0.0	3.0	0.0	0.2	0.00	0.00
	18/07/2022	1017	0.9	1.0	0.2	7.4	9.5	21.1	0.0	0.0	1.0	3.0	0.1	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	2.9	7.6	10.1	15.3	0.0	0.0	0.0	3.0	-2.0	2.5	0.00	0.00
	All data		**0.0**	**1.0**	**0.1**	**7.6**	**8.6**	**21.4**	**0.0**	**0.0**	**0.0**	**3.0**	**-8.9**	**2.5**	**0.0**	**0.0**
BH210	01/08/2022	1016	0.9	0.9	0.9	1.5	12.8	16.8	0.0	0.0	0.0	4.0	0.1	0.2	0.00	0.00

Installation	Date Time	Atm. Pressure	CH4		CO2		O2		H2S		CO		Flow		PID	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max
		bar	%vol	%vol	%vol	%vol	%vol	%vol	ppm	ppm	ppm	ppm	l/hr	l/hr	ppmv	ppmv
	All data		**0.9**	**0.9**	**0.9**	**1.5**	**12.8**	**16.8**	**0.0**	**0.0**	**0.0**	**4.0**	**0.1**	**0.2**	**0.0**	**0.0**
BH211A	15/08/2022	1006	0.3	0.3	0.8	1.0	20.1	20.9	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	All data		**0.3**	**0.3**	**0.8**	**1.0**	**20.1**	**20.9**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.0**	**0.00**	**0.00**
BH213	26/05/2022	1012	0.3	0.3	0.6	0.6	19.2	20.3	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	07/06/2022	1010	0.1	0.1	0.5	0.6	19.4	19.5	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	21/06/2022	1013	0.2	0.2	0.2	1.2	19.2	20.3	0.0	0.0	0.0	1.0	0.1	0.3	0.00	0.00
	05/07/2022	1020	0.0	0.0	0.5	0.7	19.2	20.0	0.0	0.0	0.0	1.0	0.1	0.1	0.00	0.00
	18/07/2022	1013	0.9	0.9	0.7	0.9	17.8	19.2	1.0	1.0	2.0	2.0	0.1	0.3	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.7	0.8	18.1	19.6	0.0	0.0	1.0	1.0	0.1	0.2	0.00	0.00
	All data		**0.0**	**0.9**	**0.2**	**1.2**	**17.8**	**20.3**	**0.0**	**1.0**	**0.0**	**2.0**	**0.1**	**0.3**	**0.0**	**0.0**
WS201B	26/05/2022	1012	0.3	0.3	0.2	0.2	21.8	21.8	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	06/06/2022	1011	0.4	0.4	1.1	2.0	19.9	20.9	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	20/06/2022	1017	0.1	0.1	0.6	0.6	18.6	19.6	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	04/07/2022	1016	0.0	0.1	0.8	1.4	19.7	21.4	0.0	0.0	0.0	0.0	0.0	0.2	0.00	0.00
	18/07/2022	1016	1.0	1.0	1.8	1.8	18.0	18.8	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.5	2.6	17.5	19.9	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	All data		**0.0**	**1.0**	**0.2**	**2.6**	**17.5**	**21.8**	**0.0**	**0.0**	**0.0**	**1.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH304	26/05/2022	1012	0.3	0.4	4.0	6.8	11.7	16.1	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	06/06/2022	1011	0.3	0.4	0.2	5.8	14.9	21.7	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	20/06/2022	1017	0.2	0.2	5.2	7.2	10.9	12.3	0.0	0.0	1.0	1.0	0.2	0.2	0.00	0.00
	04/07/2022	1016	0.0	0.1	0.2	7.3	9.7	21.1	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	18/07/2022	1017	0.9	0.9	0.2	0.7	20.0	21.0	0.0	0.0	1.0	1.0	0.1	0.2	0.00	0.00
	01/08/2022	1016	1.0	1.0	4.7	5.7	15.9	17.1	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	All data		**0.0**	**1.0**	**0.2**	**7.3**	**9.7**	**21.7**	**0.0**	**0.0**	**0.0**	**1.0**	**0.1**	**0.2**	**0.0**	**0.0**
BH305	27/05/2022	1019	0.4	0.4	0.2	4.4	18.2	21.4	0.0	0.0	0.0	17.0	0.1	0.1	0.00	0.00
	06/06/2022	1011	0.4	0.4	0.4	4.3	17.9	21.6	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	20/06/2022	1017	0.2	0.8	2.0	3.2	17.5	19.5	0.0	0.0	0.0	2.0	0.0	0.1	0.00	0.00
	04/07/2022	1016	0.0	0.1	3.3	3.6	18.2	21.3	0.0	0.0	0.0	3.0	0.0	0.2	0.00	0.00
	18/07/2022	1017	1.0	1.0	2.0	2.0	19.5	20.5	0.0	0.0	1.0	2.0	0.0	0.1	0.00	0.00
	01/08/2022	1016	0.9	0.9	2.4	2.5	18.9	19.6	0.0	0.0	0.0	1.0	0.2	0.2	0.00	0.00
	All data		**0.0**	**1.0**	**0.2**	**4.4**	**17.5**	**21.6**	**0.0**	**0.0**	**0.0**	**17.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH306	27/05/2022	1019	0.4	0.4	7.8	7.9	11.0	17.3	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	07/06/2022	1010	0.2	0.2	0.5	7.9	9.6	20.3	0.0	0.0	0.0	4.0	0.1	0.2	0.00	0.00
	21/06/2022	1013	0.1	0.2	7.5	7.8	10.4	12.6	0.0	1.0	2.0	4.0	0.1	0.2	0.00	0.00
	05/07/2022	1020	0.0	0.0	7.9	8.4	10.6	16.4	1.0	2.0	1.0	3.0	0.1	0.3	0.00	0.00
	18/07/2022	1013	0.8	0.8	8.1	8.3	10.3	14.9	1.0	2.0	3.0	6.0	0.1	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.8	9.2	11.0	17.1	0.0	2.0	3.0	5.0	0.1	0.3	0.00	0.00
	All data		**0.0**	**0.9**	**0.5**	**9.2**	**9.6**	**20.3**	**0.0**	**2.0**	**0.0**	**6.0**	**0.1**	**0.3**	**0.0**	**0.0**
BH307	26/05/2022	1012	0.3	0.4	0.2	3.3	15.0	21.3	0.0	2.0	2.0	2.0	0.2	0.2	0.00	0.00
	07/06/2022	1010	0.4	0.5	1.4	1.8	19.3	20.1	0.0	1.0	1.0	2.0	0.1	0.1	0.00	0.00
	21/06/2022	1013	0.3	0.4	0.1	2.6	18.4	21.7	0.0	1.0	2.0	2.0	0.0	0.1	0.00	0.00
	05/07/2022	1020	0.1	0.1	3.0	3.6	15.0	20.6	0.0	1.0	2.0	3.0	0.1	0.2	0.00	0.00
	18/07/2022	1017	1.0	1.0	5.7	7.9	9.6	13.2	2.0	2.0	4.0	5.0	0.1	0.3	0.00	0.00
	01/08/2022	1016	0.9	1.0	0.3	4.6	15.1	20.6	0.0	2.0	2.0	4.0	0.1	0.2	0.00	0.00
	All data		**0.1**	**1.0**	**0.1**	**7.9**	**9.6**	**21.7**	**0.0**	**2.0**	**1.0**	**5.0**	**0.0**	**0.3**	**0.0**	**0.0**
BH311B	19/07/2022	1009	0.8	0.8	0.3	0.7	18.0	19.8	1.0	2.0	53.0	356.0	-1.0	-0.4	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.6	0.7	18.3	19.2	0.0	0.0	113.0	305.0	-0.3	-0.1	0.00	0.00
	15/08/2022	1006	0.3	0.3	1.0	1.0	17.5	21.1	1.0	2.0	2.0	276.0	-0.3	-0.1	0.00	0.00
	All data		**0.3**	**0.9**	**0.3**	**1.0**	**17.5**	**21.1**	**0.0**	**2.0**	**2.0**	**356.0**	**-1.0**	**-0.1**	**0.0**	**0.0**
BH312A	19/07/2022	1009	0.9	0.9	0.3	0.4	20.0	20.5	1.0	1.0	1.0	1.0	0.1	0.1	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.7	0.7	19.0	19.1	0.0	0.0	1.0	1.0	0.2	0.2	0.00	0.00
	15/08/2022	1006	0.3	0.3	3.4	3.4	17.3	18.9	0.0	0.0	0.0	0.1	0.1	0.1	0.00	0.00
	All data		**0.3**	**0.9**	**0.3**	**3.4**	**17.3**	**20.5**	**0.0**	**1.0**	**0.0**	**1.0**	**0.1**	**0.2**	**0.0**	**0.0**
BH313	27/05/2022	1019	0.3	0.4	2.5	2.8	15.4	20.3	0.0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
	06/06/2022	1011	0.3	0.3	2.6	2.9	14.7	16.2	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	20/06/2022	1017	0.1	0.1	2.0	2.9	15.3	17.1	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	04/07/2022	1016	0.0	0.0	2.8	3.0	15.2	20.1	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	18/07/2022	1017	0.9	0.9	3.1	3.3	14.9	19.5	0.0	0.0	1.0	2.0	0.2	0.2	0.00	0.00
	01/08/2022	1016	1.0	1.0	3.6	3.8	15.7	19.2	0.0	0.0	0.0	1.0	0.2	0.2	0.00	0.00
	All data		**0.0**	**1.0**	**2.0**	**3.8**	**14.7**	**20.3**	**0.0**	**0.0**	**0.0**	**2.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH314	27/05/2022	1019	24.0	34.3	12.9	18.7	5.3	13.2	0.0	0.0	1.0	3.0	-7.5	-2.4	0.00	0.00
	06/06/2022	1011	42.0	58.9	12.3	22.6	0.1	13.0	0.0	6.0	3.0	6.0	-0.4	1.5	0.00	0.00
	20/06/2022	1017	2.1	56.7	0.7	20.6	0.5	20.3	0.0	0.0	1.0	2.0	0.0	0.1	0.00	0.00
	05/07/2022		No data													
	19/07/2022	1007	32.0	49.1	23.9	36.2	0.3	4.9	0.0	0.0	2.0	3.0	-0.2	-0.2	0.00	0.00
	01/08/2022	1016	12.1	50.1	8.8	41.9	0.2	17.4	0.0	0.0	0.0	3.0	-1.3	0.2	0.00	0.00
	All data		**2.1**	**58.9**	**0.7**	**41.9**	**0.1**	**20.3**	**0.0**	**6.0**	**0.0**	**6.0**	**-7.5**	**1.5**	**0.0**	**0.0**
BH315	26/05/2022	1012	0.3	0.4	0.1	1.8	15.0	21.4	0.0	0.0	0.0	1.0	-0.3	1.4	0.00	0.00
	06/06/2022	1011	0.5	0.6	2.0	2.9	11.5	17.3	0.0	0.0	0.0	0.0	-1.0	0.5	0.00	0.00
	20/06/2022	1017	0.0	0.1	0.5	2.9	10.1	18.6	0.0	0.0	1.0	3.0	-0.3	0.0	0.00	0.00
	05/07/2022	1020	0.1	0.1	1.0	4.0	8.5	19.8	0.0	0.0	0.0	0.0	-0.4	0.3	0.00	0.00
	18/07/2022	1017	0.9	0.9	0.2	1.6	14.5	20.1	0.0	0.0	1.0	2.0	0.0	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	2.0	3.7	9.3	16.1	0.0	0.0	0.0	1.0	-0.3	0.2	0.00	0.00
	All data		**0.0**	**0.9**	**0.1**	**4.0**	**8.5**	**21.4**	**0.0**	**0.0**	**0.0**	**3.0**	**-1.0**	**1.4**	**0.0**	**0.0**
BH320	26/05/2022	1012	0.3	0.3	0.2	2.4	18.8	21.4	0.0	0.0	0.0	227.0	0.0	0.0	0.00	0.00
	06/06/2022	1011	0.3	0.3	1.0	5.9	8.7	19.5	0.0	0.0	1.0	4.0	0.1	0.1	0.00	0.00
	20/06/2022	1017	0.0	0.1	0.1	1.7	17.5	21.0	0.0	0.0	10.0	38.0	0.1	0.1	0.00	0.00

Installation	Date Time	Atm. Pressure	CH4		CO2		O2		H2S		CO		Flow		PID	
			min	max	min	max	min	max	min	max	min	max	min	max	min	max
		bar	%vol	%vol	%vol	%vol	%vol	%vol	ppm	ppm	ppm	ppm	l/hr	l/hr	ppmv	ppmv
	05/07/2022	1020	0.1	0.1	0.2	2.4	18.1	21.0	0.0	20.7	0.0	5.0	0.1	0.1	0.00	0.00
	18/07/2022	1017	0.9	0.9	3.7	7.4	7.2	14.7	0.0	0.0	2.0	2.0	0.2	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	3.1	7.3	7.9	14.8	0.0	0.0	1.0	1.0	0.1	0.1	0.00	0.00
	All data		**0.0**	**0.9**	**0.1**	**7.4**	**7.2**	**21.4**	**0.0**	**20.7**	**0.0**	**227.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH321	26/05/2022	1012	0.4	0.4	8.4	8.7	9.3	20.9	0.0	0.0.	0.0	0.0	0.1	0.2	0.00	0.00
	06/06/2022	1011	0.3	0.4	9.9	10.6	6.0	14.7	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	20/06/2022	1017	0.1	0.2	8.9	10.7	6.1	13.3	0.0	0.0	0.0	13.0	0.0	0.1	0.00	0.00
	05/07/2022	1020	0.0	0.1	9.3	9.7	12.1	19.7	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	18/07/2022	1017	0.9	1.0	11.3	12.8	7.7	11.2	0.0	0.0	1.0	1.0	0.0	0.2	0.00	0.00
	01/08/2022	1016	0.9	1.0	10.3	11.0	11.3	12.5	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	All data		**0.0**	**1.0**	**8.4**	**12.8**	**6.0**	**20.9**	**0.0**	**0.0**	**0.0**	**13.0**	**0.0**	**0.2**	**0.0**	**0.0**
BH323	26/05/2022	1012	0.3	0.4	6.8	7.2	14.7	21.0	0.0	0.0	0.0	0.0	0.1	0.1	0.00	0.00
	06/06/2022	1011	0.3	0.3	6.7	6.9	14.2	19.9	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	20/06/2022	1017	0.1	0.2	6.8	9.4	11.8	13.5	0.0	0.0	0.0	1.0	0.1	0.2	0.00	0.00
	05/07/2022	1020	0.1	0.1	8.1	8.4	12.9	20.1	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	18/07/2022	1017	0.9	0.9	12.1	13.6	8.6	9.8	0.0	0.0	1.0	1.0	0.1	0.3	0.00	0.00
	01/08/2022	1016	0.9	1.0	9.3	11.0	12.2	16.2	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	All data		**0.1**	**1.0**	**6.7**	**13.6**	**8.6**	**21.0**	**0.0**	**0.0**	**0.0**	**1.0**	**0.1**	**0.3**	**0.0**	**0.0**
BH325	26/05/2022	1012	0.3	0.3	0.6	0.9	18.7	20.6	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	07/06/2022	1010	0.3	0.3	0.4	0.9	19.9	20.5	0.0	0.0	0.0	0.0	0.1	0.2	0.00	0.00
	21/06/2022	1013	0.3	0.3	0.6	1.1	19.3	20.2	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	05/07/2022	1020	0.0	0.1	0.8	0.9	18.8	20.5	0.0	0.0	0.0	0.0	0.2	0.2	0.00	0.00
	18/07/2022	1017	0.9	1.0	0.5	0.5	17.5	19.9	0.0	1.0	1.0	3.0	0.1	0.2	0.00	0.00
	01/08/2022	1016	0.9	0.9	0.8	0.8	17.0	18.8	0.0	1.0	1.0	2.0	0.1	0.2	0.00	0.00
	All data		**0.0**	**1.0**	**0.4**	**1.1**	**17.0**	**20.6**	**0.0**	**1.0**	**0.0**	**3.0**	**0.1**	**0.2**	**0.0**	**0.0**

Element Materials Technology
Unit 3 Deeside Point
Zone 3
Deeside Industrial Park
Deeside
CH5 2UA

P: +44 (0) 1244 833780
F: +44 (0) 1244 833781
W: www.element.com

BAM Ritchies
Unit 5
Taurus Park
Gemini Business Park
Warrington
WA5 7ZT

Attention :	Andy Bird
Date :	27th July, 2022
Your reference :	326R
Our reference :	Test Report 22/11805 Batch 1
Location :	-
Date samples received :	19th July, 2022
Status :	Final Report
Issue :	1

One sample was received for analysis on 19th July, 2022 and was scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Paul Boden BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: BAM Ritchies
Reference: 326R
Location: -
Contact: Andy Bird
EMT Job No: 22/11805

Report : **Gas**

EMT Sample No.	1												
Sample ID	BH314												
Depth													
COC No / misc													
Containers	GC												
Sample Date	19/07/2022 11:00												
Sample Type	Gas												
Batch Number	1												
Date of Receipt	19/07/2022												

Please see attached notes for all abbreviations and acronyms

											LOD/LOR	Units	Method No.
Carbon Dioxide	24.67										<0.05	%	TM69/PM0
Carbon Monoxide	<0.05										<0.05	%	TM69/PM0
Hydrogen	<0.5										<0.5	%	TM69/PM0
Methane	37.85										<0.05	%	TM69/PM0
Methane	>>374968										<5	ppmV	TM69/PM0
Nitrogen	33.9										<0.5	%	TM69/PM0
Oxygen	3.5										<0.5	%	TM69/PM0
Hydrogen Sulphide	<1										<1	ppm	TM119/PM0

Element Materials Technology

Client Name: BAM Ritchies
Reference: 326R
Location: -
Contact: Andy Bird

Sample Date: 19 Jul 2022
Date of Receipt: 19 Jul 2022
Date Analysed: 25 Jul 2022

Sample ID: BH314
Depth:
EMT Job No: 22/11805
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 482 0.45
Sample Train Serial number: ST-404

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
75-45-6	86.77		Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91		Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49		Chloromethane		25.3	52.2	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92		1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12		Isobutene		176.2	404.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09		1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	#	Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	#	Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07		Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05		Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06		Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08		Acetone + Propanal		23	55	<6	<6	<14	<14
75-69-4	137.36	#	Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09		2-Propanol		9	22	<6	<6	<15	<15
109-66-0	72.15		Pentane		10	29.5	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12		Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94		Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	#	1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	#	Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	#	Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14		Carbon Disulfide		3.3	10.3	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09		1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09		Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	#	1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14		Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09		Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15		Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09		Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11		Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1		2-Butanone (MEK)		7	21	<2	<2	<6	<6
156-59-2	96.94	#	cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17		Hexane		4.1	14.4	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	#	Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	#	1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	#	1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12		1-Butanol		4	12	<3	<3	<9	<9
71-43-2	78.11	#	Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	#	Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16		Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: BAM Ritchies
Reference: 326R
Location: -
Contact: Andy Bird

Sample Date: 19 Jul 2022
Date of Receipt: 19 Jul 2022
Date Analysed: 25 Jul 2022

Sample ID: BH314
Depth:
EMT Job No: 22/11805
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 482 0.45
Sample Train Serial number: ST-404

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight		Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
107-87-9	86.13		2-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13		Pentanal		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13		3-Pentanone		**<1.5**	**<5.3**	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	#	1,2-Dichloropropane		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83		Bromodichloromethane		**<1.5**	**<10.1**	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11		1,4-Dioxane		**<2**	**<7**	<2	<2	<7	<7
79-01-6	131.4	#	Trichloroethene (TCE)		**<1.5**	**<8.1**	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97		cis-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16		4-Methyl-2-pentanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97		trans-1,3-Dichloropropene		**<1.5**	**<6.8**	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	#	1,1,2-Trichloroethane		**<1.5**	**<8.2**	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	#	Toluene		**17.5**	**65.9**	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16		3-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16		2-Hexanone		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16		Hexanal		**<1.5**	**<6.1**	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	#	1,2-Dibromoethane		**<1.5**	**<11.5**	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	#	Tetrachloroethene (PCE)		**<1.5**	**<10.2**	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	#	Chlorobenzene		**<1.5**	**<6.9**	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	#	Ethylbenzene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	#	m/p-Xylene		**3.5**	**15.2**	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77		Bromoform		**<1.5**	**<15.5**	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	#	Styrene		**2**	**8.5**	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	#	1,1,2,2-Tetrachloroethane		**<1.5**	**<10.3**	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	#	o-Xylene		**<1.5**	**<6.5**	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	#	1,3,5-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	#	1,2,4-Trimethylbenzene		**<1.5**	**<7.4**	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	#	1,3-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
100-44-7	126.58		Benzyl Chloride		**<1.5**	**<7.8**	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	#	1,4-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
526-73-8	120.2		1,2,3-Trimethylbenzene		**1.8**	**8.8**	<1.5	<1.5	<7.4	<7.4
95-50-1	147	#	1,2-Dichlorobenzene		**<1.5**	**<9**	<1.5	<1.5	<9	<9
120-82-1	181.46		1,2,4-Trichlorobenzene		**<1.5**	**<11.1**	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17		Naphthalene		**<0.32**	**<1.7**	<0.32	<0.32	<1.7	<1.7
			Sum of VOC TO15 compounds		**286.7**	**719.2**				
460-00-4			4-Bromofluorobenzene Surrogate Recovery		**98%**		0%	0%		
75-01-4	62.5	#	Vinyl Chloride		**<1.5**	**<3.8**	<1.5	<1.5	<3.8	<3.8
	81		Aliphatic >C4-C6		**177**	**586**	<10	<10	<33	<33
	100		Aliphatic >C6-C8		**<10**	**<41**	<10	<10	<41	<41
	130		Aliphatic >C8-C10		**<10**	**<53**	<10	<10	<53	<53

Element Materials Technology

Client Name: BAM Ritchies
Reference: 326R
Location: -
Contact: Andy Bird

Sample Date: 19 Jul 2022
Date of Receipt: 19 Jul 2022
Date Analysed: 25 Jul 2022

Sample ID: BH314
Depth:
EMT Job No: 22/11805
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 482 0.45
Sample Train Serial number: ST-404

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m^3	RL ppbv	MDL ppbv	RL ug/m^3	MDL ug/m^3
	160	Aliphatic >C10-C12		**<10**	**<65**	<10	<10	<65	<65
	78.11	Aromatic >C5-EC7 (Benzene)		**<1.5**	**<4.8**	<1.5	<1.5	<4.8	<4.8
	92.13	Aromatic >EC7-EC8 (Toluene)		**17.5**	**65.9**	<1.5	<1.5	<5.7	<5.7
	120	Aromatic >EC8-EC10		**17**	**83**	<10	<10	<49	<49
	130	Aromatic >EC10-EC12		**<10**	**<53**	<10	<10	<53	<53

Client Name: BAM Ritchies
Reference: 326R
Location: -
Contact: Andy Bird

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
No deviating sample report results for job 22/11805						

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating.
Only analyses which are accredited are recorded as deviating if set criteria are not met.

EMT Job No.: 22/11805

SOILS and ASH

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary. Asbestos samples are retained for 6 months.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C. Ash samples are dried at 37°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overesitimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

STACK EMISSIONS

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation for Dioxins and Furans and Dioxin like PCBs has been performed on XAD-2 Resin, only samples which use this resin will be within our MCERTS scope.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.
Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.
Laboratory records are kept for a period of no less than 6 years.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

Customer Provided Information

Sample ID and depth is information provided by the customer.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above calibration range, the result should be considered the minimum value. The actual result could be significantly higher.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

EMT Job No: 22/11805

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/SANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM68	Modified TO-15 method. Volatile Organic Compounds (VOCs) sampled using Gas Canisters, BottleVacs or Tedlar bags and analysed using Entech GC-MS.	PM0	No preparation is required.				
TM68	Modified TO-15 method. Volatile Organic Compounds (VOCs) sampled using Gas Canisters, BottleVacs or Tedlar bags and analysed using Entech GC-MS.	PM0	No preparation is required.	Yes			
TM69	Analysis of gas samples by direct injection onto a Gas Chromatography (GC) column and analysed using a Flame Ionisation Detector (FID) or a Thermocouple Detector (TD)	PM0	No preparation is required.				
TM119	Determination of hydrogen sulphide using Gerhardt Steam distillation followed by Impact Pro Multi Gas Detector.	PM0	No preparation is required.				

Appendix F - Cheetham Hill culvert

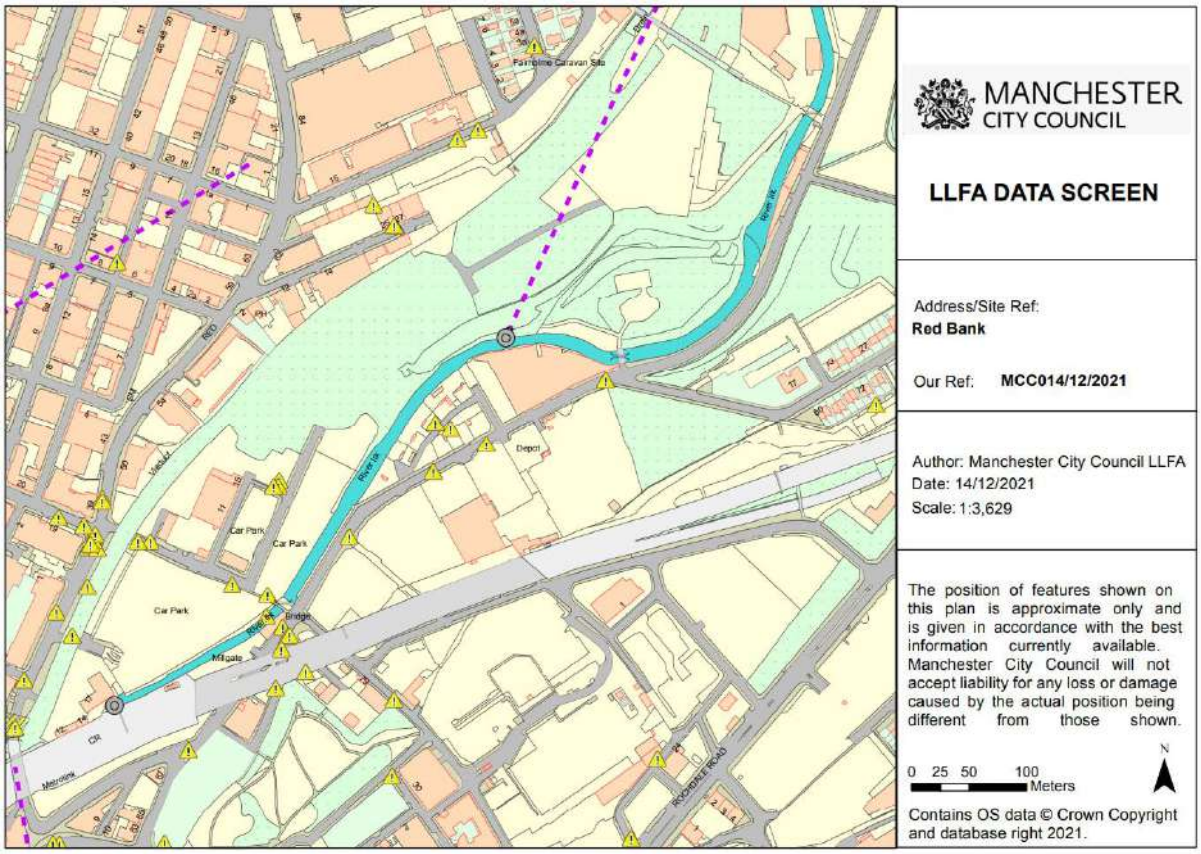
On site investigation works to attempt to locate the believed route of Cheetham hill culvert

Following the receipt of the below information of the possible route of the Cheetham Hill Culvert across the development site investigation works where undertaken to locate and plot the position.

As can be seen on the enclosed drawing and photographs an exiting drainage system was identified across the site which eventually connected to the UU combined drainage system in Hargreaves Street.

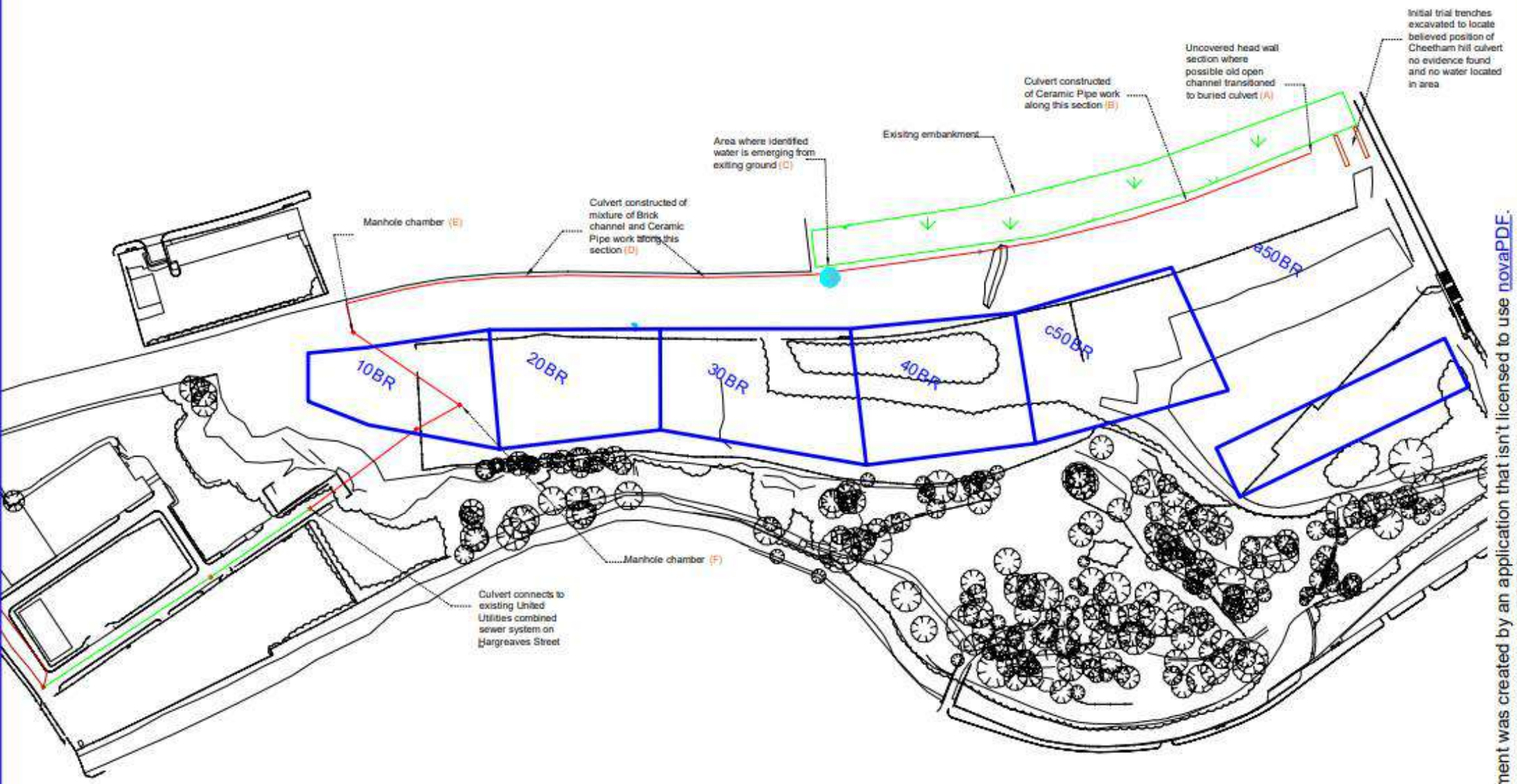
Historical Information

The below drawing was initially provided in an aid to the location of the Culvert. Surveys of existing drainage system to locate any connections to the culvert were undertaken without success.



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Identified drainage system across development area



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Photographs of investigation works undertaken

A. Headwall uncovered



B. Clay pipe work of culverted section of drain



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C. Area where water emerges from existing ground





D. Identified areas of culvert/drain construction







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E. Manhole chamber



F. Manhole Chamber





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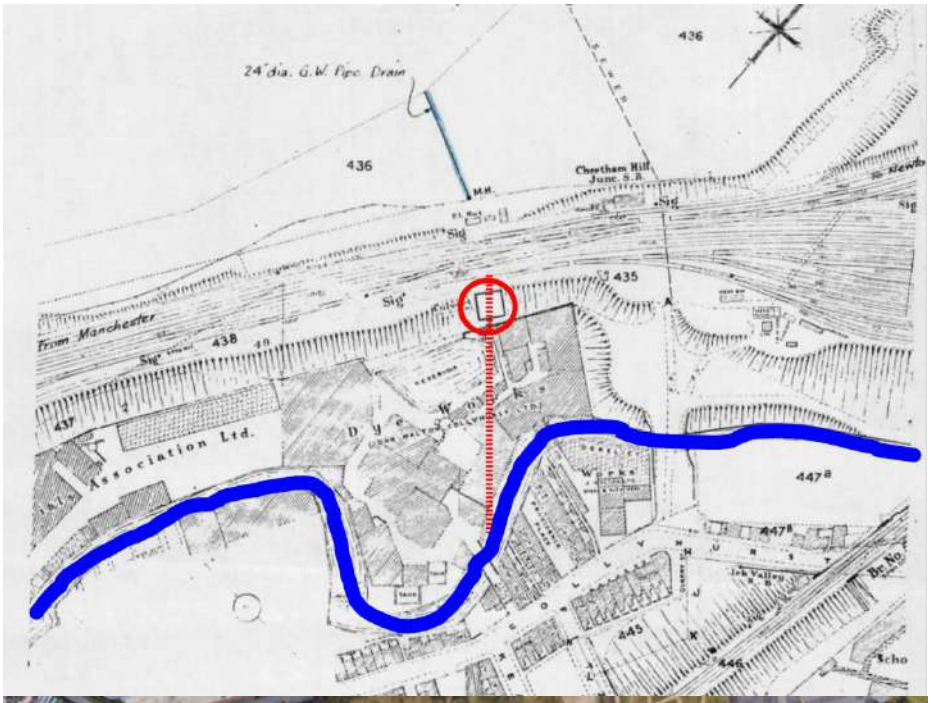
Located alignment of Culvert

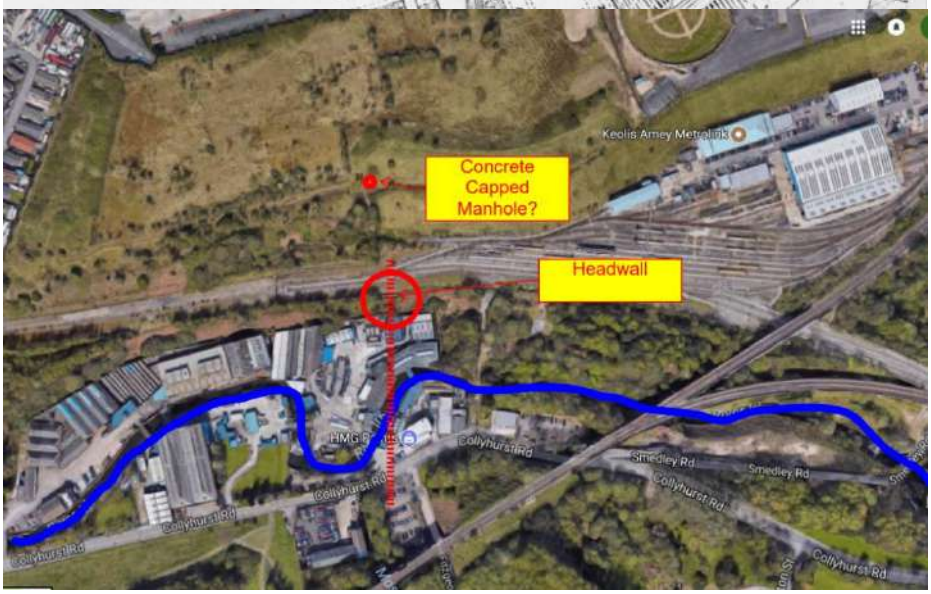
Following investigations and research on previous works undertaken in the wider area it has been discovered that the Cheetham hill culvert does not enter the Victoria North site area.

It was identified that the culvert now runs through the Packaging products site and outfalls into the river irk as shown below upstream of the Victoria North site area.



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Head wall (original photos taken)





Outfall present day overgrown



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Photos taken 2022 Showing route of culvert to river outfall

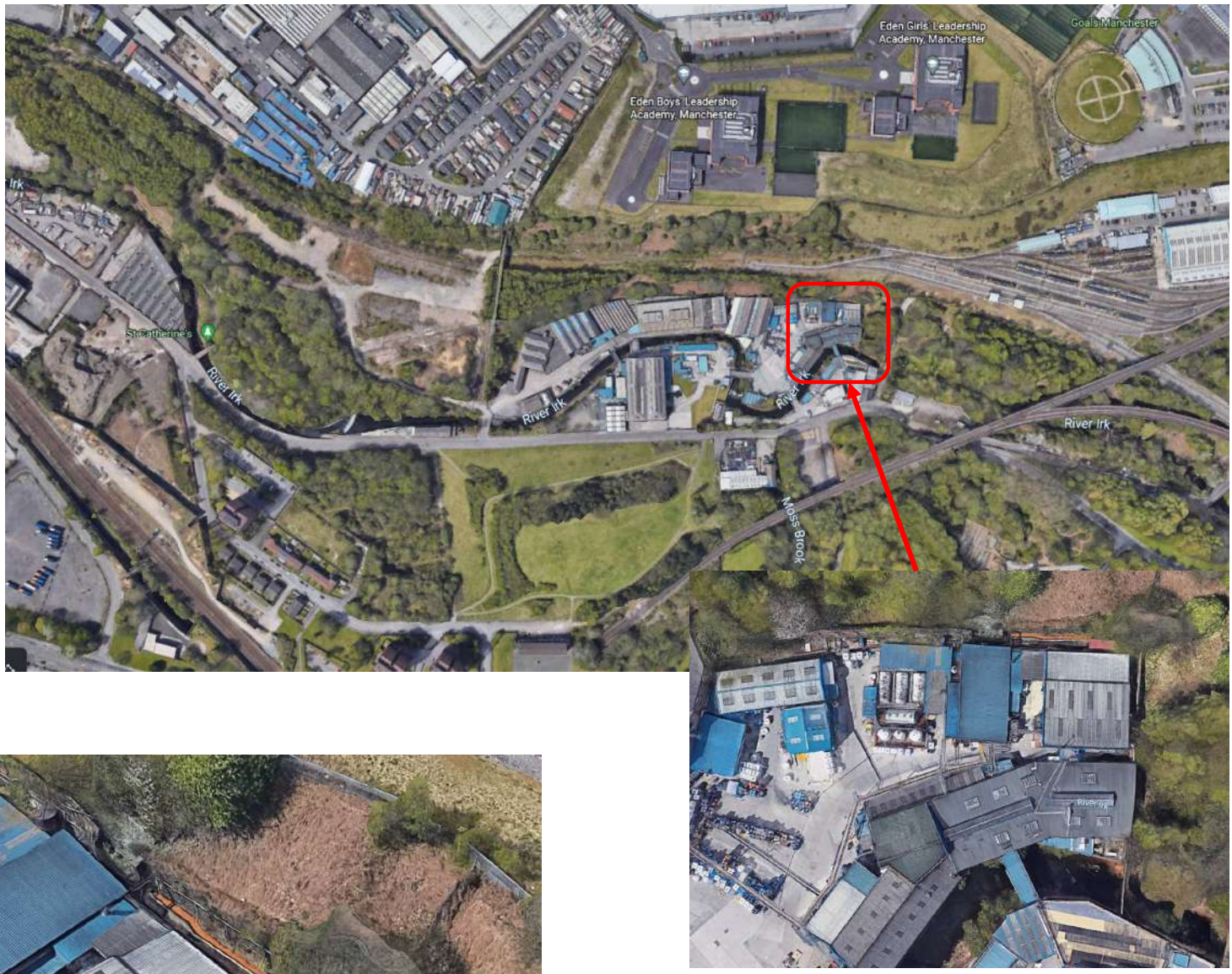






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Google Earth screen shots showing location of Cheetham hill Culvert entering River Irk







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Angel Street (Collingham St.)
Ammoniacal nitrogen as N (w): 22.1 mg/l
Broken Pipe
Ammoniacal nitrogen as N (w): 4.73 mg/l
Orange Lagoon
Ammoniacal nitrogen as N (w): 28.3 mg/l
SWS01
Ammoniacal nitrogen as N (w): 0.28 mg/l
SWS02
Ammoniacal nitrogen as N (w): 0.11 mg/l
SWS03
Ammoniacal nitrogen as N (w): 0.09 mg/l

envirolab
Units 7 & 8 Sandpits Business Park
Mottram Road, Hyde, Cheshire, SK14 3AR

FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 22/03772
Issue Number: 1 **Date:** 05 May, 2022

Client:
BAM Ritchies Warrington
Unit 5
Taurus Park
Europa Boulevard
Warrington
UK
WA5 7ZT

Project Manager: Andy Bird
Project Name: Victoria North HIF
Project Ref: 326R
Order No: RIT 262 915 759
Date Samples Received: 14/04/22
Date Instructions Received: 20/04/22
Date Analysis Completed: 05/05/22

Approved by:



Sophie France
Client Service Manager

UKAS TESTING
1247

Envirolab Job Number: 22/03772

Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
pH (w)$_{A}^{\#}$	7.58	7.66	7.79	7.15	6.75			pH	0.01	A-T-031w
COD (settled)$_{A}^{\#}$	16	17	27	21	40			mg/l	5	A-T-034w
BOD (settled, 5 day)$_{A}$	2	<1	1	15	14			mg/l	1	A-T-048
Hardness Total$_{A}^{\#}$	185	156	147	447	683			mg/l CaCO3	2	A-T-049w
Total Suspended Solids (w)$_{A}^{\#}$	<10	<10	<10	14	71			mg/l	10	A-T-036w
Ammoniacal nitrogen as N (w)$_{A}^{\#}$	0.28	0.11	0.09	4.73	28.3			mg/l	0.02	A-T-033w
Chloride (w)$_{A}^{\#}$	84	85	84	36	34			mg/l	1	A-T-026w
Cyanide (free) (w)$_{A}^{\#}$	<0.005	<0.005	<0.005	0.005	<0.005			mg/l	0.005	A-T-042wFCN
Cyanide (total) (w)$_{A}^{\#}$	<0.005	<0.005	<0.005	0.008	0.008			mg/l	0.005	A-T-042wTCN
Cyanide (complex)$_{A}^{\#}$	<0.005	<0.005	<0.005	<0.005	0.008			mg/l	0.005	A-T-042wCCN
Thiocyanate (w)$_{A}$	0.3	0.3	0.2	0.1	0.1			mg/l	0.1	A-T-041w
Phenols - Total by HPLC (w)$_{A}$	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-050w
DOC (w)$_{A}^{\#}$	3.6	3.3	3.3	5.5	5.6			mg/l	2	A-T-032w
Antimony (dissolved)$_{A}$	2	2	2	1	<5			µg/l	1	A-T-025w
Arsenic (dissolved)$_{A}^{\#}$	3	2	3	2	9			µg/l	1	A-T-025w
Beryllium (dissolved)$_{A}^{\#}$	<1	<1	<1	<1	<5			µg/l	1	A-T-025w
Cadmium (dissolved)$_{A}^{\#}$	<0.2	<0.2	<0.2	<0.2	<1.0			µg/l	0.2	A-T-025w
Calcium (dissolved)$_{A}^{\#}$	61	49	47	135	222			mg/l	1	A-T-049w
Copper (dissolved)$_{A}^{\#}$	9	4	7	8	26			µg/l	1	A-T-025w
Chromium (dissolved)$_{A}^{\#}$	21	22	21	1	<5			µg/l	1	A-T-025w
Chromium (hexavalent) (w)$_{A}^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			mg/l	0.01	A-T-040w
Iron (dissolved)$_{A}^{\#}$	681	355	549	3160	76800			µg/l	10	A-T-025w
Lead (dissolved)$_{A}^{\#}$	6	<1	3	52	21			µg/l	1	A-T-025w
Manganese (dissolved)$_{A}^{\#}$	74	51	56	746	693			µg/l	1	A-T-025w
Mercury (dissolved)$_{A}^{\#}$	<0.1	<0.1	<0.1	<0.1	<0.5			µg/l	0.1	A-T-025w
Nickel (dissolved)$_{A}^{\#}$	3	2	3	7	<5			µg/l	1	A-T-025w
Selenium (dissolved)$_{A}^{\#}$	<1	<1	<1	<1	<5			µg/l	1	A-T-025w
Vanadium (dissolved)$_{A}^{\#}$	<1	<1	<1	2	6			µg/l	1	A-T-025w
Zinc (dissolved)$_{A}^{\#}$	44	28	34	50	59			µg/l	1	A-T-025w

Envirolab Job Number: 22/03772

Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Acid Herbicides Suite 3+ (w)										
2,3,6-TBA (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
2,4-D (w)$_A$	0.06	0.05	0.05	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
2,4-DB (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
2,4,5-T (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
2,4,5-TP; (Fenoprop); (Silvex) (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
4-CPA (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Benazolin (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Bentazone (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Bromacil (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Bromoxynil (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Clopyralid (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Dicamba (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
2,4-DP; (Dichlorprop)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Diclofop (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Flamprop (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Flamprop-isopropyl (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Fluroxypyr (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Ioxynil (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
MCPA (w)$_A$	0.04	0.04	0.04	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
MCPB (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
MCPP; (Mecoprop) (w)$_A$	0.12	0.11	0.10	0.02	0.02			µg/l	0.02	Subcon RPS MH
PCP; (Pentachlorophenol) (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Picloram (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Triclopyr (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH

Envirolab Job Number: 22/03772

Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Carb+Urea(w)HerbsSuite1										
Carbetamide (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Chlorbufam (w)$_A$	<1	<1	<1	<1	<1			µg/l	0.1	Subcon RPS MH
Chloroxuron (w) $_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Chlorpropham (w)$_A$	<1	<1	<1	<1	<1			µg/l	0.1	Subcon RPS MH
Chlortoluron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Diflubenzuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Dimefuron (w) $_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Diuron (w)$_A$	<0.05	0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Ethiofencarb (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Isoproturon (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Linuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Methabenzthiazuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Metoxuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Monolinuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Monuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Pencycuron (w)$_A$	<0.05	<0.05	<0.05	<0.05	<0.05			µg/l	0.05	Subcon RPS MH
Phenmedipham (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Pirimicarb (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Propham (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
OCP+OPP Combined Pest Suite (incl. Atrazine+Simazine) (w)										
Dichlobenil (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Tecnazene (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Trifluralin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
alpha-Hexachlorocyclohexane (HCH) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Hexachlorobenzene (HCB) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Simazine (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Atrazine (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
beta-Hexachlorocyclohexane (HCH) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Quintozene (PCNB) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Triallate (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
delta-Hexachlorocyclohexane (HCH) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Chlorothalonil (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Heptachlor (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Aldrin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Triadimefon (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Telodrin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Isodrin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Pendimethalin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Heptachlor epoxide (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
trans-Chlordane (Gamma) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
o,p-DDE (2,4) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Endosulphan I (Alpha) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
cis-Chlordane (Alpha) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
p,p-DDE (4,4) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Dieldrin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
o,p-DDD (2,4) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Endrin (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Endosulphan II (Beta) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
p,p-DDD (4,4) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
o,p-DDT (2,4) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Endrin Aldehyde (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Endosulphan Sulphate (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
p,p-DDT (4,4) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
o,p-Methoxychlor (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Endrin Ketone (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
p,p-Methoxychlor (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Permethrin I (cis) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Permethrin II (trans) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Dichlorvos (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Mevinphos (w)$_A$	<1.0	<1.0	<1.0	<1.0	<1.0			µg/l	0.5	A-T-056w

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Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Demeton-S (w)$_A$	<1.0	<1.0	<1.0	<1.0	<1.0			µg/l	0.5	A-T-056w
Phorate (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Dimethoate (w)$_A$	<1.0	<1.0	<1.0	<1.0	<1.0			µg/l	0.5	A-T-056w
Demeton-O (w)$_A$	<1.0	<1.0	<1.0	<1.0	<1.0			µg/l	0.5	A-T-056w
Propetamphos (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Diazinon (Dimpylate) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Disulfoton (w)$_A$	<1.0	<1.0	<1.0	<1.0	<1.0			µg/l	0.5	A-T-056w
Chlorpyrifos-methyl (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Methyl Parathion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Pirimiphos-methyl (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Fenitrothion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Malathion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Chlorpyrifos (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Fenthion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Parathion (Ethyl Parathion) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Trichloronate (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Chlorfenvinphos (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Fensulphothion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Prothiofos (Tokuthion) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Ethion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Triazophos (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Carbophenothion (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Phosalone (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Azinphos-methyl (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Azinphos-ethyl (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
Coumaphos (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w
gamma-Hexachlorocyclohexane (HCH / Lindane) (w)$_A$	<0.2	<0.2	<0.2	<0.2	<0.2			µg/l	0.1	A-T-056w

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Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
ONP (Triazine Herbicides x11) (w)										
Ametryne (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Atraton (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Atrazine (w)$_A$	<0.02	<0.02	<0.02	0.05	<0.02			µg/l	0.02	Subcon RPS MH
Cyanazine (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Prometon (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Prometryn (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Propazine (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Simazine (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Simetryn (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Terbuthylazine (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH
Terbutryn (w)$_A$	<0.02	<0.02	<0.02	<0.02	<0.02			µg/l	0.02	Subcon RPS MH

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Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
PAH 16MS (w)										
Acenaphthene (w)$_A^{\#}$	0.01	0.01	0.02	<0.01	0.13			µg/l	0.01	A-T-019w
Acenaphthylene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Anthracene (w)$_A^{\#}$	<0.01	<0.01	<0.01	0.07	0.01			µg/l	0.01	A-T-019w
Benzo(a)anthracene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(a)pyrene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(b)fluoranthene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(ghi)perylene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Benzo(k)fluoranthene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Chrysene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Dibenzo(ah)anthracene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Fluoranthene (w)$_A^{\#}$	0.01	<0.01	0.03	<0.01	0.03			µg/l	0.01	A-T-019w
Fluorene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	0.05			µg/l	0.01	A-T-019w
Indeno(123-cd)pyrene (w)$_A^{\#}$	<0.01	<0.01	<0.01	<0.01	<0.01			µg/l	0.01	A-T-019w
Naphthalene (w)$_A^{\#}$	0.01	0.02	0.07	<0.01	0.01			µg/l	0.01	A-T-019w
Phenanthrene (w)$_A^{\#}$	<0.01	<0.01	0.02	<0.01	0.05			µg/l	0.01	A-T-019w
Pyrene (w)$_A^{\#}$	0.01	0.01	0.03	<0.01	0.02			µg/l	0.01	A-T-019w
Total PAH 16MS (w)$_A^{\#}$	0.04	0.04	0.17	0.07	0.30			µg/l	0.01	A-T-019w
Pyrethroids (x6) (w)										
Cyfluthrin (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Cyhalothrin-lambda (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Cypermethrin (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Deltamethrin (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Fenvalerate (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH
Permethrin (w)$_A$	<0.1	<0.1	<0.1	<0.1	<0.1			µg/l	0.1	Subcon RPS MH

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Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Speciated PCB-WHO12 (w)										
PCB BZ 81 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 105 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 114 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 118 (w)$_A$$^{\#}$	<0.002	<0.002	<0.002	<0.002	<0.002			µg/l	0.002	A-T-004w
PCB BZ 123 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 126 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 156 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 157 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 167 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 169 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 189 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
PCB BZ 77 (w)$_A$	<0.001	<0.001	<0.001	<0.001	<0.001			µg/l	0.001	A-T-004w
Total Speciated PCB-WHO12 (w)$_A$	<0.002	<0.002	<0.002	<0.002	<0.002			µg/l	0.001	A-T-004w

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
SVOC (excluding PAH-16) (w)										
2,4,5-Trichlorophenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4,6-Trichlorophenol (w)$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4-Dichlorophenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4-Dimethylphenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,4-Dinitrotoluene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2,6-Dinitrotoluene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Chloronaphthalene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Chlorophenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Methylnaphthalene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Methylphenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
2-Nitrophenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
4-Bromophenyl phenyl ether$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
4-Chloro-3-methylphenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-chloroisopropyl)ether$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
3+4-Methylphenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
4-Nitrophenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-chloroethyl)ether$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-chloroethoxy)methane$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Bis(2-ethylhexyl)phthalate$_A$	<10	<10	<10	<10	<10			µg/l	10	A-T-052w
Butylbenzyl phthalate$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Carbazole$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Dibenzofuran$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
n-Dibutylphthalate$_A$	<4	<1	<1	<1	<1			µg/l	1	A-T-052w
n-Dioctylphthalate$_A$	<10	<10	<10	<10	<10			µg/l	10	A-T-052w
n-Nitroso-n-dipropylamine$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Diethyl phthalate$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Dimethyl phthalate$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Hexachlorobenzene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Pentachlorophenol (SVOC)$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Phenol$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Hexachloroethane$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Nitrobenzene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w

Envirolab Job Number: 22/03772

Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
Isophorone$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Hexachlorocyclopentadiene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w
Perylene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-052w

Envirolab Job Number: 22/03772

Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
VOC (w)										
Dichlorodifluoromethane$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chloromethane$_A$	<10	<10	<10	<10	<10			µg/l	10	A-T-006w
Vinyl Chloride$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromomethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chloroethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Trichlorofluoromethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
trans 1,2-Dichloroethene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Dichloromethane$_A$	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Carbon Disulphide$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloroethene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloroethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
cis 1,2-Dichloroethene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromochloromethane$_A^{\#}$	<5	<5	<5	<5	<5			µg/l	5	A-T-006w
Chloroform$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
2,2-Dichloropropane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichloroethane$_A^{\#}$	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,1,1-Trichloroethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1-Dichloropropene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Benzene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Carbon Tetrachloride$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Dibromomethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichloropropane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromodichloromethane$_A^{\#}$	<10	<10	<10	<10	<10			µg/l	10	A-T-006w
Trichloroethene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
cis 1,3-Dichloropropene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
trans 1,3-Dichloropropene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,2-Trichloroethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Toluene$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,3-Dichloropropane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Dibromochloromethane$_A^{\#}$	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
1,2-Dibromoethane$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Tetrachloroethene$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w

Envirolab Job Number: 22/03772 **Client Project Name: Victoria North HIF**

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
1,1,1,2-Tetrachloroethane$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Chlorobenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Ethylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
m & p Xylene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromoform$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Styrene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,1,2,2-Tetrachloroethane$_A$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
o-Xylene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2,3-Trichloropropane$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Isopropylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
Bromobenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
2-Chlorotoluene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
n-propylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
4-Chlorotoluene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2,4-Trimethylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
4-Isopropyltoluene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,3,5-Trimethylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dichlorobenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,4-Dichlorobenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
sec-Butylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
tert-Butylbenzene$_A^\#$	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,3-Dichlorobenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
n-butylbenzene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w
1,2-Dibromo-3-chloropropane$_A^\#$	<2	<2	<2	<2	<2			µg/l	2	A-T-006w
1,2,4-Trichlorobenzene$_A^\#$	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
1,2,3-Trichlorobenzene$_A^\#$	<3	<3	<3	<3	<3			µg/l	3	A-T-006w
Hexachlorobutadiene$_A^\#$	<1	<1	<1	<1	<1			µg/l	1	A-T-006w

Envirolab Job Number: 22/03772

Client Project Name: Victoria North HIF

Client Project Ref: 326R

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5			Units	Limit of Detection	Method ref
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01					
Client Sample ID	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON					
Depth to Top										
Depth To Bottom										
Date Sampled	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22	13-Apr-22					
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW					
Sample Matrix Code	N/A	N/A	N/A	N/A	N/A					
TPH UKCWG (w) with Clean Up *C1										
Ali >C5-C6 (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Ali >C6-C8 (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Ali >C8-C10 (w)$_A^{\#}$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C10-C12 (w)$_A^{\#}$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C12-C16 (w)$_A^{\#}$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C16-C21 (w)$_A^{\#}$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C21-C35 (w)$_A^{\#}$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Ali >C35-C44 (w)$_A$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Total Aliphatics (w)$_A$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Aro >C5-C7 (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Aro >C7-C8 (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
Aro >C8-C10 (w)$_A$	<5	<5	<5	<5	6			µg/l	5	A-T-055w
Aro >C10-C12 (w)$_A^{\#}$	<5	<5	<5	<5	7			µg/l	5	A-T-055w
Aro >C12-C16 (w)$_A^{\#}$	<5	<5	<5	<5	8			µg/l	5	A-T-055w
Aro >C16-C21 (w)$_A^{\#}$	8	8	10	15	13			µg/l	5	A-T-055w
Aro >C21-C35 (w)$_A$	<10	<10	<10	<10	<10			µg/l	10	A-T-055w
Aro >C35-C44 (w)$_A$	<5	<5	<5	<5	<5			µg/l	5	A-T-055w
Total Aromatics (w)$_A$	<10	<10	10	15	34			µg/l	10	A-T-055w
TPH (Ali & Aro >C5-C44) (w)$_A$	<10	<10	10	15	34			µg/l	10	A-T-055w
BTEX - Benzene (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - Toluene (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - Ethyl Benzene (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - m & p Xylene (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
BTEX - o Xylene (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w
MTBE (w)$_A^{\#}$	<1	<1	<1	<1	<1			µg/l	1	A-T-022w

REPORT NOTES

General

This report shall not be reproduced, except in full, without written approval from Envirolab.
The results reported herein relate only to the material supplied to the laboratory.
The residue of any samples contained within this report, and any received with the same delivery, will be disposed of six weeks after initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of six months after the initial Asbestos testing is completed.
Analytical results reflect the quality of the sample at the time of analysis only.
Opinions and interpretations expressed are outside the scope of our accreditation.
If results are in italic font they are associated with an AQC failure, these are not accredited and are unreliable.
A deviating samples report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
The Client Sample No, Client Sample ID, Depth to Top, Depth to Bottom and Date Sampled were all provided by the client.

Soil chemical analysis:
All results are reported as dry weight (<40°C).
For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.
For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts
All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any "D" subscripts.

TPH analysis of water by method A-T-007:
Free and visible oils are excluded from the sample used for analysis so that the reported result represents the dissolved phase only.

Electrical Conductivity of water by Method A-T-037:
Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Asbestos:
Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.
Stones etc. are not removed from the sample prior to analysis.
Quantification of asbestos is a 3 stage process including visual identification, hand picking and weighing and fibre counting by sedimentation/phase contrast optical microscopy if required. If asbestos is identified as being present but is not in a form that is suitable for analysis by hand picking and weighing (normally if the asbestos is present as free fibres) quantification by sedimentation is performed. Where ACMs are found a percentage asbestos is assigned to each with reference to 'HSG264, Asbestos: The survey guide' and the calculated asbestos content is expressed as a percentage of the dried soil sample aliquot used.

Predominant Matrix Codes:
1 = SAND, 2 = LOAM, 3 = CLAY, 4 = LOAM/SAND, 5 = SAND/CLAY, 6 = CLAY/LOAM, 7 = OTHER, 8 = Asbestos bulk ID sample, 9 = INCINERATOR ASH.
Samples with Matrix Code 7 & 8 are not predominantly a SAND/LOAM/CLAY mix and are not covered by our BSEN 17025 or MCERTS accreditations, with the exception of bulk asbestos which are BSEN 17025 accredited.
Secondary Matrix Codes:
A = contains stones, B = contains construction rubble, C = contains visible hydrocarbons, D = contains glass/metal, E = contains roots/twigs.

Key:
IS indicates Insufficient Sample for analysis.
US indicates Unsuitable Sample for analysis.
NDP indicates No Determination Possible.
NAD indicates No Asbestos Detected.
N/A indicates Not Applicable.
Superscript # indicates method accredited to ISO 17025.
Superscript "M" indicates method accredited to MCERTS.
Subscript "A" indicates analysis performed on the sample as received.
Subscript "D" indicates analysis performed on the dried sample, crushed to pass a 2mm sieve
EPH CWG results have humics mathematically subtracted through instrument calculation
TPH results "with Cleanup" indicates results cleaned up with Silica during extraction

EPH CWG GCxGC ID from TPH CWG

Where we have identified humic substances in any ID's from TPH CWG with Clean Up please note that the concentration of these humic substances is not included in the quantified results and are included in the ID for information.

Please contact us if you need any further information.

v2

Envirolab Deviating Samples Report

Units 7&8 Sandpits Business Park, Mottram Road, Hyde, SK14 3AR
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: BAM Ritchies Warrington, Unit 5, Taurus Park, Europa Boulevard, Warrington, UK, WA5 7ZT

Project: Victoria North HIF

Clients Project No: 326R

Project No: 22/03772

Date Received: 20/04/2022 (am)

Cool Box Temperatures (°C): 10.7 - 11.2

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01
Client Sample ID/Depth	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON
Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Deviation Code					
F	✓	✓	✓	✓	✓

Key
F *Maximum holding time exceeded between sampling date and analysis for analytes listed below*

HOLDING TIME EXCEEDANCES

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01
Client Sample ID/Depth	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON
Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
Acid Herbicides Suite 3+ (w)	✓	✓	✓	✓	✓
Pyrethroids (x6) (w)	✓	✓	✓	✓	✓
BOD (settled, 5 day)	✓	✓	✓	✓	✓

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	22/03772/1	22/03772/2	22/03772/3	22/03772/4	22/03772/5
Client Sample No	326R.SWS01.EW04	326R.SWS02.EW04	326R.SWS03.EW04	326R.LP01.EW01	326R.LAGOON.EW01
Client Sample ID/Depth	SWS01	SWS02	SWS03	LEAKING PIPE01	ORANGE LAGOON
Date Sampled	13/04/22	13/04/22	13/04/22	13/04/22	13/04/22
A-T-004w	25/04/2022	25/04/2022	25/04/2022	25/04/2022	25/04/2022
A-T-006w	25/04/2022	25/04/2022	25/04/2022	25/04/2022	25/04/2022
A-T-019w	25/04/2022	25/04/2022	25/04/2022	25/04/2022	25/04/2022
A-T-022w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-025w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-026w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-031w	21/04/2022	21/04/2022	21/04/2022	21/04/2022	21/04/2022
A-T-032w	22/04/2022	22/04/2022	22/04/2022	22/04/2022	22/04/2022
A-T-033w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-034w	22/04/2022	22/04/2022	22/04/2022	22/04/2022	22/04/2022
A-T-036w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-040w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-041w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-042wCCN	22/04/2022	22/04/2022	22/04/2022	22/04/2022	22/04/2022
A-T-042wFCN	22/04/2022	22/04/2022	22/04/2022	22/04/2022	22/04/2022
A-T-042wTCN	22/04/2022	22/04/2022	22/04/2022	22/04/2022	22/04/2022
A-T-048	25/04/2022	25/04/2022	25/04/2022	25/04/2022	25/04/2022
A-T-049w	25/04/2022	25/04/2022	25/04/2022	25/04/2022	25/04/2022
A-T-050w	22/04/2022	22/04/2022	22/04/2022	22/04/2022	22/04/2022
A-T-052w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-055w	26/04/2022	26/04/2022	26/04/2022	26/04/2022	26/04/2022
A-T-056w	27/04/2022	27/04/2022	27/04/2022	27/04/2022	27/04/2022

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

GIR – Drawing list

Drawing 01 – Arup Ground Investigation Positions (2019 and 2021)

Drawing 02 – Monitoring Installations

Drawing 03 – Visual and Olfactory Evidence of Contamination

Drawing 04 – Historic Features and Potential Development Constraints

Drawing 05A – Red Bank Plateau - Geological Long Section

Drawing 05B – Red Bank Plateau - Geological cross section (Plateau slope area)

Drawing 05C – Red Bank Plateau - Geological cross section (Plateau slope area)

Drawing 06 – Red Bank Terrace - Geological Cross Section

Drawing 07A – St Catherine's Wood Cross Section

Drawing 07B – St Catherine's Wood Cross Section (P&P slope area)

Drawing 08 – Extent of Cohesive Made Ground Zones

Drawing 09 – Exploratory Holes Targeting Historical Features

Drawing 10 – Bedrock Elevation

Drawing 11 – Groundwater Elevation in Shallow Aquifer

Drawing 12 – Groundwater Elevation in Bedrock

Drawing 13 – Human Health Risk Assessment for Residential without Plant Uptake

Drawing 14 – Human Health Risk Assessment for Public Open Space

Drawing 15 – Identification of Asbestos in Soil Samples

Drawing 16 – Controlled Waters Risk Assessment

Drawing 17 – Hazardous Waste Classification

Drawing 18 – Waste Acceptance Criteria Samples Summary

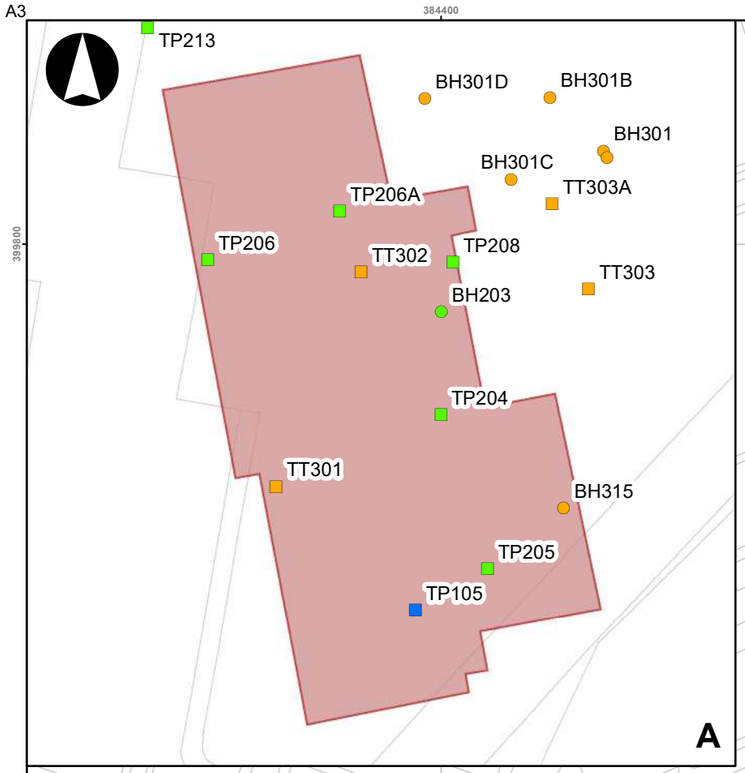
Drawing 19 – Gas Risk Assessment

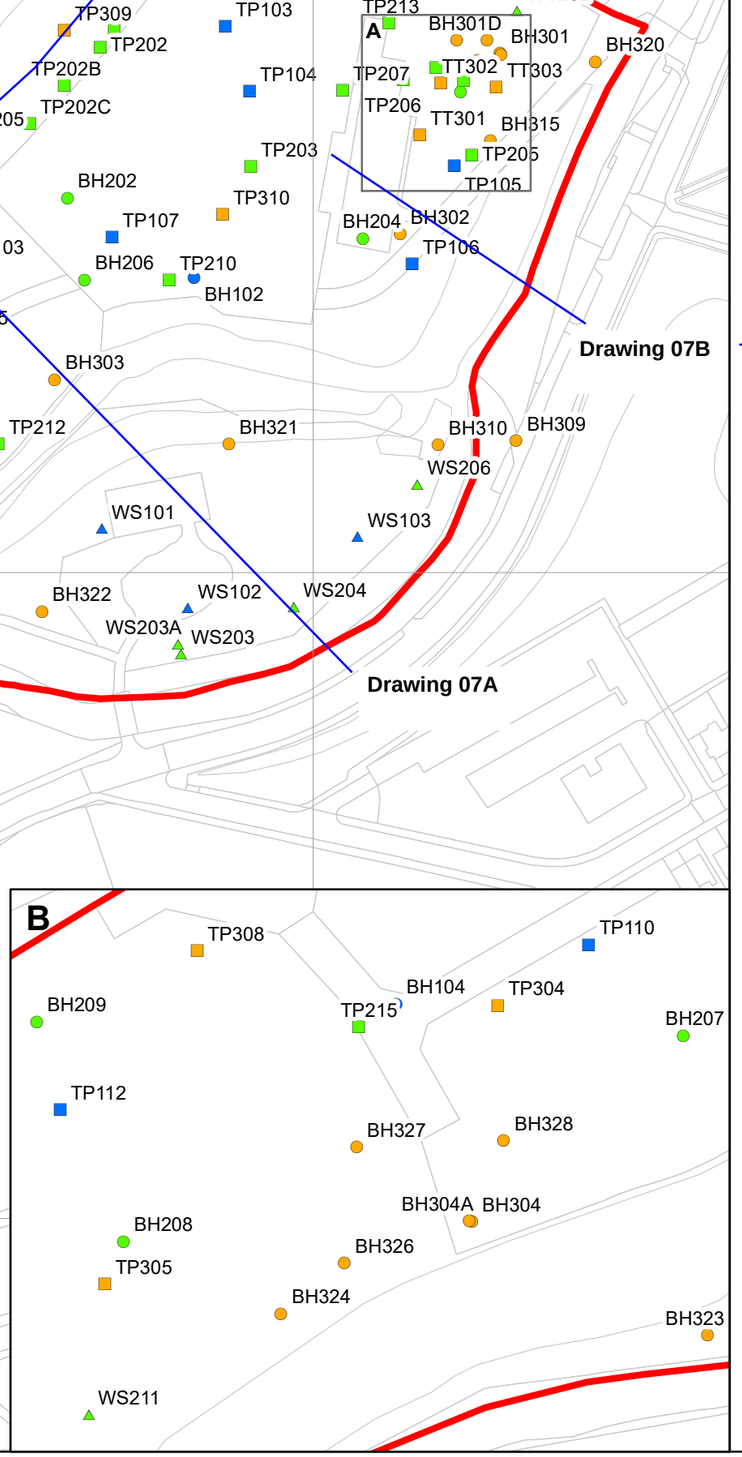
Drawing 20 – Samples Exceeding TPH Saturation Limit

A3

384400 384600 384800

3398800 3399600 3399400





Drawing 05A
Drawing 05B
Drawing 05C
Drawing 05D
Drawing 05E
Drawing 06
Drawing 07A
Drawing 07B

Legend

- Site Boundary

Phase 1 GI
- Borehole
- Trial pit
- Window sample

Phase 2 GI
- Borehole
- Trial pit
- Window sample

Phase 3 GI
- Borehole
- Trial pit
- Window sample

River Engineering Works GI
- Borehole
- Gasworks footprint

Cross section lines and associated drawings

P0	2022-06-23	LH	LH	LH

Issue	Date	By	Chkd	Appd

Metres: 0 25 50 100

ARUP

6th Floor, 3 Piccadilly Place
Manchester M1 3BN
Tel+44(0161) 228 2331 Fax+44(0161)228 6879
www.arup.com

Client
BAM Nuttall Limited

Project Title
Victoria North

This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Ground Investigation Locations

Scale at A3
1:1,900

Arup Job No	Suitability
282022	**Issue**

Name	Rev
Drawing 01	**P1**

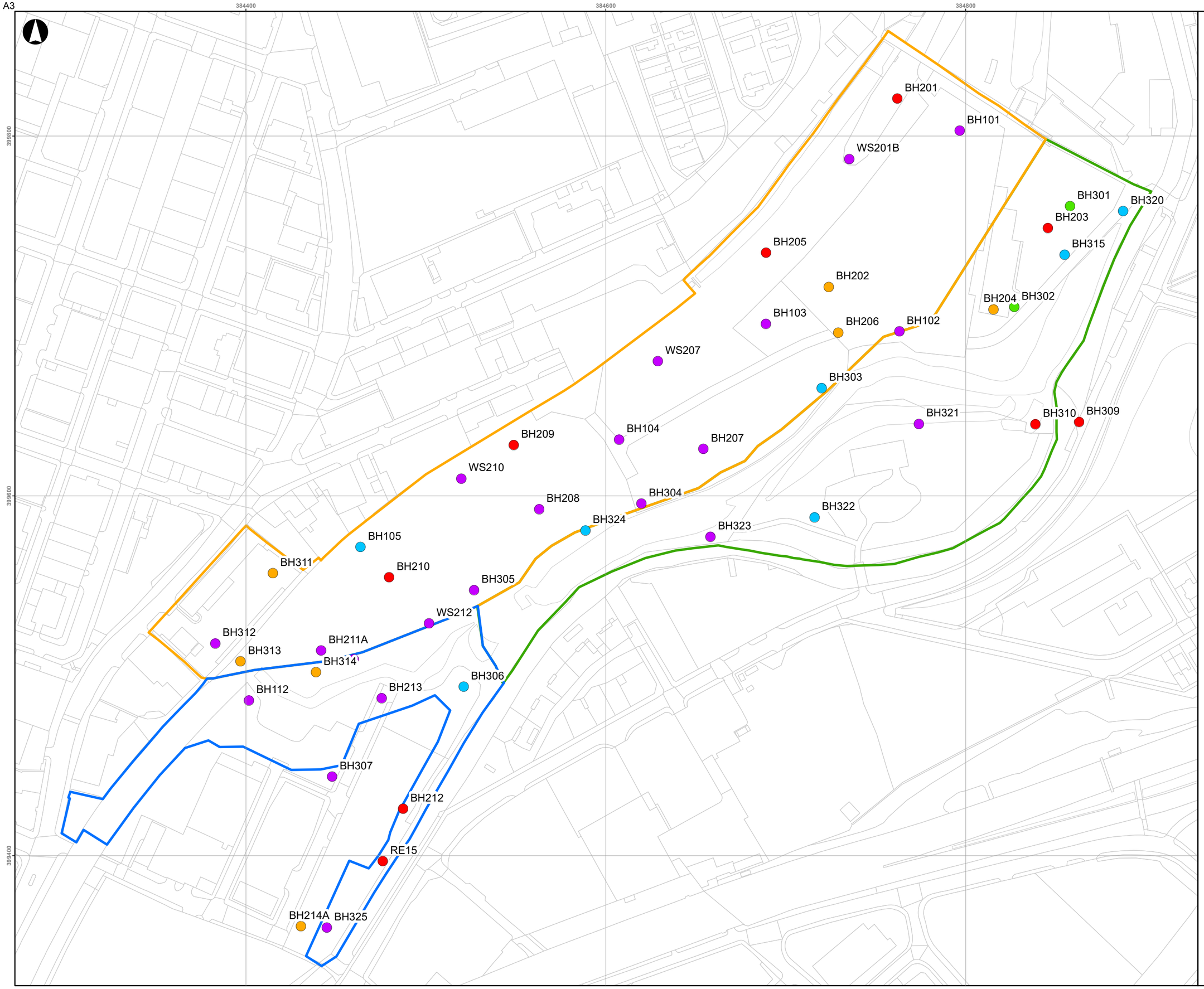
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© Arup

A3

384400 384600 384800

399800 399600 399400



Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

Monitoring Installations

Response strata

- Made ground
- Alluvium
- Glacial till
- Bedrock
- Inclinometer

Issue	Date	By	Chkd	Appd
P1	2022-08-01	LH	LH	LH

Metres
0 25 50 100

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VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Monitoring Installations

Scale at A3
1:1,900

Arup Job No
282022-00

Suitability
Issue

Name
Drawing 02

Rev
P1

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A3

384400 384600 384800

399800 399600 399400

TP101 (0.8-0.9m)
TP213 (1.2-4.5m)
TP206A (1.7-4.5m)
BH320 (3-6.7m)
TT302 (0.7-1.1m)
TP202B (0.1-0.6m)
TP202C (0.5-1.2m)
TP204 (2.4-4.5m)
BH203 (5.5-7.5m)
TP205 (1.9-4.2m)
BH103 (0.1-1.3m)
BH102 (3m)
BH321 (4.4-5.6m)
BH310 (3.9-5.6m)
BH207 (13-15.7m)
TP216 (1.1-1.2m)
BH327 (7.4-8.0m)
BH322 (0.9-3.3m)
BH211A (10.1-10.5m)
BH314 (8.2-9.3m)
BH306 (1.8-3.9m)
TP120 (0.7-1.8m)

Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood

Contamination observed during fieldwork

- Hydrocarbon odour
- Metallic blue sand
- Oily groundwater

Key features

- Bridge
- Carriage Shed
- Infilled Channel
- Infilled Water Body
- Railway Turntable
- River Irk
- Gasworks footprint

Contamination in BH102 was noted during subsequent groundwater sampling

Issue	Date	By	Chkd	Appd
P1	2022-08-05	LH	LH	LH

Metres
0 25 50 100

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VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Visual and Olfactory Evidence of Contamination

Scale at A3
1:1,900

Arup Job No
282022-00

Suitability
Issue

Name
Drawing 03

Rev
P1

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A3

384400 384600 384800

399800 399600 399400

TP202A (1.2m)
TP202 (1.4m)
TP202B (0.6m)
TP102 (4.1m)
TP202C (1.2m)
TP206 (0.9m)
TT303A (1.1m)
TT303 (0.3m)
TT302 (0.7-1.1m)
TT301 (1.4-2.7m)
WS103 (3.9m)
OP04 (0.18m)
OP03 (0.2m)
OP02 (0.4m)
OP01 (0.15m)
BH308 (1.6-7.4m)

Zone of surface obstructions including turntables and concrete slab

Buried retaining wall

Legend

Site Area

- Red Bank Plateau
- Red Bank Terrace
- St Catherine's Wood
- Obstructions encountered during formation of exploratory holes

Key features

- Carriage Shed
- Railway Turntable
- River Irk
- Gasworks footprint

A number of surface obstructions were observed during the fieldworks which were not recorded in exploratory holes. These included two rail turntables, a number of drainage chambers, and shallow concrete slabs located in the North Western side of Red Bank Plateau. Please refer to the site clearance drawing (VNIF-ARP-00-YYY-DR-G-0013) which shows obstructions needed to be removed during pre-construction works.

Issue	Date	By	Chkd	Appd
P1	2022-08-05	LH	LH	LH

Metres
0 25 50 100

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Client
BAM Nuttall Limited

Project Title
Victoria North

This drawing relates to
Ground Investigation Interpretive Report
VNIF-ARP-ZZ-YYY-RP-CG-0012

Drawing Title
Historic Features and Potential Development Constraints

Scale at A3
1:1,900

Arup Job No
282022-00

Suitability
Issue

Name
Drawing 04

Rev
P1

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