

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
	Isocyanides and mercuric oxycyanide and those specified elsewhere in this Annex)									
	005-007-00-5									
14	pH				10 pH		10 pH	10pH		
15	naphthalene	001-052-00-2	002-040-5	01-20-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		005-017-1	008-06-8							
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		001-469-6	03-32-9							
18	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		001-695-5	06-73-7							
19	phenanthrene				3.1 mg/kg		2.79 mg/kg	0.000279 %	✓	
		001-581-5	05-01-8							
20	anthracene				0.6 mg/kg		0.54 mg/kg	0.000054 %	✓	
		004-371-1	020-12-7							
21	fluoranthene				4.6 mg/kg		4.14 mg/kg	0.000414 %	✓	
		005-012-4	005-44-0							
22	pyrene				4 mg/kg		3.6 mg/kg	0.00036 %	✓	
		004-027-3	029-00-0							
23	benzo[a]anthracene				3.3 mg/kg		2.97 mg/kg	0.000297 %	✓	
		001-033-00-9	000-280-6	06-55-3						
24	chrysene				2.4 mg/kg		2.16 mg/kg	0.000216 %	✓	
		001-048-00-0	005-023-4	018-01-9						
25	benzo[b]fluoranthene				2 mg/kg		1.8 mg/kg	0.00018 %	✓	
		001-034-00-4	005-011-9	005-09-2						
26	benzo[k]fluoranthene				1 mg/kg		0.9 mg/kg	0.00009 %	✓	
		001-035-00-5	005-016-6	007-08-9						
27	benzo[a]pyrene; benzo[def]chrysene				1.3 mg/kg		1.17 mg/kg	0.000117 %	✓	
		001-032-00-3	000-028-5	00-32-8						
28	indeno[1,2,3-cd]pyrene				0.84 mg/kg		0.756 mg/kg	0.0000756 %	✓	
		005-893-2	093-39-5							
29	dibenz[a,h]anthracene				0.28 mg/kg		0.252 mg/kg	0.0000252 %	✓	
		001-041-00-2	000-181-8	03-70-3						
30	benzo[ghi]perylene				0.86 mg/kg		0.774 mg/kg	0.0000774 %	✓	
		005-883-8	091-24-2							
31	polychlorobiphenyls; PCB				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		002-039-00-4	015-648-1	0336-36-3						
32	monochloric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1185							
33	asbestos				400 mg/kg		360 mg/kg	0.036 %	✓	
	000-013-00-6	-----	02001-28-4 032207-32-0 02172-73-5 07536-66-4 07536-68-6 07536-67-5 02001-29-5							
Total								0.258 %		

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)
- Specialized Determinand - 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 Not present in free phase

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00378%)

Classification of sample: TP08—1.20

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

Sample details

Sample name:	LoW Code:
TP08—1.20	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
18% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 18% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number									
1	arsenic (arsenic trioxide)				120	mg/kg	1.32	129.92	mg/kg	0.013 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron (diboron trioxide; boric oxide)				1.3	mg/kg	3.22	3.432	mg/kg	0.000343 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium (cadmium oxide)				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds (chromium(III) oxide (worst case))				26	mg/kg	1.462	31.16	mg/kg	0.00312 %	✓	
		215-160-9	1308-38-9									
5	chromium in chromium(VI) compounds (chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex)				<4	mg/kg	2.27	<9.08	mg/kg	<0.000908 %		<LOD
	024-017-00-8											
6	copper (dicopper oxide; copper (I) oxide)				430	mg/kg	1.126	396.988	mg/kg	0.0397 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead (lead chromate)			1	170	mg/kg	1.56	217.438	mg/kg	0.0139 %	✓	
	082-004-00-2	231-846-0	1758-97-6									
8	mercury (mercury dichloride)				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.000406 %		<LOD
	080-010-00-X	231-299-8	1487-94-7									
9	nickel (nickel chromate)				40	mg/kg	2.976	97.621	mg/kg	0.00976 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium (nickel selenate)				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
11	zinc (zinc chromate)				390	mg/kg	2.774	887.172	mg/kg	0.0887 %	✓	
	024-007-00-3	236-878-9	13530-65-9									
12	TPH (C6 to C40) petroleum group				140	mg/kg		114.8	mg/kg	0.0115 %	✓	
			TPH									
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	503-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	501-020-00-8	200-753-7	1143-2									
15	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	501-021-00-3	203-625-9	108-88-3									
16	ethylbenzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	501-023-00-4	202-840-4	100-41-4									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	M/C Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number								
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.004 mg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
18	cyanides (salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric cyanide and those specified elsewhere in this Annex) 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
19	pH		pH		8 pH		8 pH	SpH			
20	naphthalene 601-052-00-2	202-049-5	91-20-3		0.57 mg/kg		0.467 mg/kg	0.0000467 %		✓	
21	acenaphthylene 205-017-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	acenaphthene 201-469-6	83-32-9			4.1 mg/kg		3.362 mg/kg	0.000336 %		✓	
23	fluorene 201-695-5	86-73-7			2.6 mg/kg		2.132 mg/kg	0.000213 %		✓	
24	phenanthrene 201-581-5	85-01-8			15 mg/kg		12.3 mg/kg	0.00123 %		✓	
25	anthracene 204-371-1	120-12-7			3.2 mg/kg		2.624 mg/kg	0.000262 %		✓	
26	fluoranthene 205-012-4	206-44-0			14 mg/kg		11.48 mg/kg	0.00115 %		✓	
27	pyrene 204-027-3	129-00-0			10 mg/kg		8.2 mg/kg	0.00082 %		✓	
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		10 mg/kg		8.2 mg/kg	0.00082 %		✓	
29	chrysene 601-048-00-0	205-923-4	218-01-9		7.4 mg/kg		6.068 mg/kg	0.000607 %		✓	
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		6.9 mg/kg		5.658 mg/kg	0.000566 %		✓	
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.3 mg/kg		2.706 mg/kg	0.000271 %		✓	
32	benzo[a]pyrene; benzo[de]chrysene 601-032-00-3	200-028-5	50-32-8		4.4 mg/kg		3.608 mg/kg	0.000361 %		✓	
33	indeno[1,2,3-cd]pyrene 205-893-2	193-39-5			3.2 mg/kg		2.624 mg/kg	0.000262 %		✓	
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.3 mg/kg		1.066 mg/kg	0.000107 %		✓	
35	benzo[ghi]perylene 205-883-8	191-24-2			3.2 mg/kg		2.624 mg/kg	0.000262 %		✓	
36	phenol 604-001-00-2	203-632-7	108-95-2		<0.2 mg/kg		<0.2 mg/kg	<0.00002 %			<LOD
37	1,1-dichloroethane and 1,2-dichloroethane (combined) 203-458-1, 200-863-5	107-06-2, 75-34-3			<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
38	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
39	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
40	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
41	vinyl chloride; chloroethylene 602-023-00-7	200-831-0	75-01-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
42	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.3 mg/kg		<0.3 mg/kg	<0.00003 %			<LOD
43	aniline 612-008-00-7	200-539-3	62-53-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
44	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-0 [2] 108-43-0 [3] 25167-80-0 [4]							
45	bis(2-chloroethyl) ether	203-870-1	111-44-4		-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
46	hexachloroethane	200-666-4	67-72-1		-0.05 mg/kg		-0.05 mg/kg	<0.000005 %		<LOD
47	nitrobenzene	609-003-00-7	202-716-0	98-95-3	-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
48	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-128-0	78-59-1	-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
49	2-nitrophenol	201-857-5	88-75-5		-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
50	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]	604-005-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
51	bis(2-chloroethoxy)methane	203-020-2	111-91-1		-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
52	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
53	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
54	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
55	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
56	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
57	2-methyl naphthalene	202-078-3	91-57-6		1.9 mg/kg		1.558 mg/kg	0.000156 %	✓	
58	2-chloronaphthalene	202-079-9	91-58-7		-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
59	dimethyl phthalate	205-011-6	131-11-3		-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
60	2,6-dinitrotoluene	609-049-00-8	210-106-0	806-20-2	-0.1 mg/kg		-0.1 mg/kg	<0.00001 %		<LOD
61	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
62	dibenzofuran	205-071-3	132-64-9		2.6 mg/kg		2.132 mg/kg	0.000213 %	✓	
63	4-chlorophenylphenyl ether	230-281-7	7085-72-3		-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
64	diethyl phthalate	201-550-6	84-66-2		-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
65	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 100-01-6 [3]	-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
66	azobenzene	611-001-00-6	203-102-5	103-33-3	-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
67	4-bromophenylphenyl ether	202-052-4	101-55-3		-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	M/C Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
68	carbazole	201-696-0	95-74-8		-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
69	dibutyl phthalate; DBP	207-318-00-4	201-557-4		-0.2 mg/kg		-0.2 mg/kg	<0.00002 %		<LOD
70	anthraquinone	206-151-00-4	201-549-0		-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
71	BBP; benzyl butyl phthalate	207-430-00-3	201-622-7		-0.3 mg/kg		-0.3 mg/kg	<0.00003 %		<LOD
72	1,1,1-trichloroethane; methyl chloroform	202-013-00-2	200-756-3		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
73	1,1,2,2-tetrachloroethane	202-015-00-3	201-197-8		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
74	1,1,2-trichloroethane	202-014-00-8	201-166-0		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
75	1,1-dichloroethylene; vinylidene chloride	202-025-00-8	200-864-0		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
76	1,1-dichloropropane	202-031-00-0	200-253-3		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
77	1,2,3-trichlorobenzene	201-757-1	87-61-6		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
78	1,2,4-trimethylbenzene	201-043-00-3	202-436-0		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
79	1,2-dibromoethane	202-010-00-6	203-444-5		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
80	1,2-dichlorobenzene; o-dichlorobenzene	202-034-00-7	202-425-0		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
81	1,2-dichloropropane; propylene dichloride	202-020-00-0	201-152-2		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
82	1,3-dichlorobenzene	202-067-00-7	208-792-1		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
83	1,3-dichloropropane	205-531-3	142-28-9		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
84	1,4-dichlorobenzene; p-dichlorobenzene	202-035-00-2	203-400-5		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
85	2,2-dichloropropane	200-832-0	594-20-7		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
86	bromodichloromethane	200-856-7	75-27-4		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
87	bromomethane; methyl bromide	202-002-00-2	200-813-2		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
88	bromobenzene	202-060-00-9	203-623-8		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
89	n-butylbenzene	203-209-7	104-51-8		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
90	1,3-dichloropropane; [1] (Z)-1,3-dichloropropane [2]	202-030-00-5	208-826-5 [1] 233-195-8 [2]		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
91	chlorobenzene	202-033-00-1	203-628-5		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
92	chloroethane	202-009-00-0	200-830-5		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
93	chloroform; trichloromethane	202-006-00-4	200-663-8		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
94	chloromethane; methyl chloride	202-001-00-7	200-817-4		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
95	1,2-dibromo-3-chloropropane	204-704-0	124-48-1		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD
96	1,2-dibromo-3-chloropropane	202-021-00-6	202-479-3		-0.001 mg/kg		-0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
97	dibromomethane	602-003-00-8	200-824-2	074-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
99	4-isopropyltoluene	202-796-7	69-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	sec-butylbenzene	205-227-0	635-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	styrene	601-026-00-0	202-851-5	600-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	trans-1,3-dichloropropene	431-460-4	60061-02-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	tert-butylbenzene	202-632-4	68-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromotoluene; tribromomethane	602-007-00-X	200-854-6	075-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
105	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	620-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	trichlorofluoromethane	200-802-3	075-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	608-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
110	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	008-39-4 [1] 05-48-7 [2] 006-44-5 [3] 0319-77-3 [4]	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
111	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	05-49-8 [1] 008-41-8 [2] 006-43-4 [3] 25168-05-2 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
112	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 056-59-2 [2] 056-60-5 [3]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
113	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	008-82-8 [1] 003-65-1 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
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 Determinand - 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 Not present in free phase

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0115%)

Classification of sample: TP08—1.60

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

Sample details

Sample name:	LoW Code:
TP08—1.60	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
17% (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 17% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number									
1	arsenic (arsenic trioxide)				28	mg/kg	1.32	30.684	mg/kg	0.00307 %	✓	
	033-003-00-0	215-481-4	6327-53-3									
2	boron (diboron trioxide; boric oxide)				0.7	mg/kg	3.22	1.871	mg/kg	0.000187 %	✓	
	005-008-00-8	215-125-8	6303-86-2									
3	cadmium (cadmium oxide)				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	6306-19-0									
4	chromium in chromium(III) compounds (chromium(III) oxide (worst case))				18	mg/kg	1.462	21.836	mg/kg	0.00218 %	✓	
		215-160-9	6308-38-9									
5	chromium in chromium(VI) compounds (chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex)				<4	mg/kg	2.27	<9.08	mg/kg	<0.000908 %		<LOD
	024-017-00-8											
6	copper (dicopper oxide; copper (I) oxide)				56	mg/kg	1.126	52.331	mg/kg	0.00523 %	✓	
	029-002-00-X	215-270-7	6317-39-1									
7	lead (lead chromate)			1	47	mg/kg	1.56	60.848	mg/kg	0.0039 %	✓	
	082-004-00-2	231-846-0	6758-97-6									
8	mercury (mercury dichloride)				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.000406 %		<LOD
	080-010-00-X	231-299-8	6487-94-7									
9	nickel (nickel chromate)				21	mg/kg	2.976	51.876	mg/kg	0.00519 %	✓	
	028-035-00-7	238-766-5	64721-18-7									
10	selenium (nickel selenate)				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	65060-62-5									
11	zinc (zinc chromate)				86	mg/kg	2.774	198.019	mg/kg	0.0198 %	✓	
	024-007-00-3	236-878-9	63530-65-9									
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	cyanides (salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric cyanide and those specified elsewhere in this Annex)				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
14	pH				7.2	pH		7.2	pH	7.2 pH		
			pH									
15	naphthalene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	61-20-3									
16	acenaphthylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number								
17	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
19	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	benzo[a]anthracene	201-033-00-9	200-280-6	55-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
24	chrysene	201-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	benzo[b]fluoranthene	201-034-00-4	205-911-0	205-90-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
26	benzo[k]fluoranthene	201-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
27	benzo[a]pyrene; benzo[de]chrysene	201-032-00-3	200-028-5	50-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	dibenz[a,h]anthracene	201-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0422 %		

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)
- Specialised Determinand - 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: TP09—0.50

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

Sample details

Sample name:	LoW Code:
TP09—0.50	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15% (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
1	arsenic (arsenic trioxide)				24 mg/kg	1.32	26.935 mg/kg	0.00269 %	✓	
	033-003-00-0	215-481-4	6327-53-3							
2	boron (diboron trioxide; boric oxide)				0.6 mg/kg	3.22	1.642 mg/kg	0.000164 %	✓	
	005-008-00-8	215-125-8	6303-86-2							
3	cadmium (cadmium oxide)				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	6306-19-0							
4	chromium in chromium(III) compounds (chromium(III) oxide (worst case))				13 mg/kg	1.462	16.15 mg/kg	0.00162 %	✓	
		215-160-9	6308-38-9							
5	chromium in chromium(VI) compounds (chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex)				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
6	copper (dicopper oxide; copper (I) oxide)				45 mg/kg	1.126	43.065 mg/kg	0.00431 %	✓	
	029-002-00-X	215-270-7	6317-39-1							
7	lead (lead chromate)			1	32 mg/kg	1.56	42.427 mg/kg	0.00272 %	✓	
	082-004-00-2	231-846-0	6758-97-6							
8	mercury (mercury dichloride)				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.000406 %		<LOD
	080-010-00-X	231-299-8	6487-94-7							
9	nickel (nickel chromate)				19 mg/kg	2.976	48.067 mg/kg	0.00481 %	✓	
	028-035-00-7	238-766-5	64721-18-7							
10	selenium (nickel selenate)				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	65060-62-5							
11	zinc (zinc chromate)				75 mg/kg	2.774	176.852 mg/kg	0.0177 %	✓	
	024-007-00-3	236-878-9	63530-65-9							
12	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
			TPH							
13	cyanides (salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric cyanide and those specified elsewhere in this Annex)				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
14	pH				7.9 pH		7.9 pH	7.9 pH		
			pH							
15	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	61-20-3							
16	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
17	acenaphthene	201-460-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	benzo[a]anthracene	601-033-00-0	200-280-6	55-55-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	chrysene	601-048-00-0	205-923-4	218-01-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	benzo[b]fluoranthene	601-034-00-4	205-911-0	205-90-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	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 %		<LOD
28	indeno[1,2,3-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0366 %		

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)
- Specialised Determinand - 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: TP10—0.60

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

Sample details

Sample name:	LoW Code:
TP10—0.60	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
8.8% (wet weight correction)	

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 determinant:

zinc chromate: (compound conc.: 0.152%)

Determinands

Moisture content: 8.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
1	arsenic [arsenic trioxide]				36 mg/kg	1.32	43.349 mg/kg	0.00433 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	boron [diboron trioxide; boric oxide]				0.7 mg/kg	3.22	2.056 mg/kg	0.000206 %	✓	
	005-008-00-8	215-125-8	1303-86-2							
3	cadmium [cadmium oxide]				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
4	chromium in chromium(III) compounds [chromium(III) oxide (worst case)]				38 mg/kg	1.462	50.652 mg/kg	0.00507 %	✓	
		215-160-9	1308-38-9							
5	chromium in chromium(VI) compounds [chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex]				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
6	copper [dicopper oxide; copper (I) oxide]				190 mg/kg	1.126	195.094 mg/kg	0.0195 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
7	lead [lead chromate]			1	160 mg/kg	1.56	227.608 mg/kg	0.0146 %	✓	
	082-004-00-2	231-846-0	1758-97-6							
8	mercury [mercury dichloride]				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.000406 %		<LOD
	080-010-00-X	231-299-8	1487-94-7							
9	nickel [nickel chromate]				34 mg/kg	2.976	92.288 mg/kg	0.00923 %	✓	
	028-035-00-7	238-766-5	14721-18-7							
10	selenium [nickel selenate]				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
11	zinc [zinc chromate]				600 mg/kg	2.774	1518.013 mg/kg	0.152 %	✓	
	024-007-00-3	236-878-9	13530-65-9							
12	TPH (C6 to C40) petroleum group				73 mg/kg		66.576 mg/kg	0.00666 %	✓	
			TPH							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
	003-181-00-X	216-853-1	1634-04-4							

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	M/C Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number									
14	benzene	601-020-00-3	200-753-7	71-43-2	-0.001	mg/kg		-0.001	mg/kg	<0.0000001 %		<LOD
15	toluene	601-021-00-3	203-625-0	108-88-3	-0.001	mg/kg		-0.001	mg/kg	<0.0000001 %		<LOD
16	ethylbenzene	601-023-00-4	202-849-4	100-41-4	-0.001	mg/kg		-0.001	mg/kg	<0.0000001 %		<LOD
17	xylene	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	-0.004	mg/kg		-0.004	mg/kg	<0.0000004 %		<LOD
18	cyanides (salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric cyanide and those specified elsewhere in this Annex)	006-007-00-5			<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
19	pH				9.3	pH		9.3	pH	9.3 pH		
20	naphthalene	601-052-00-2	202-049-5	91-20-3	-0.0001	mg/kg		-0.0001	mg/kg	<0.00000001 %		<LOD
21	acenaphthylene		205-917-1	208-96-8	-0.05	mg/kg		-0.05	mg/kg	<0.000005 %		<LOD
22	acenaphthene		201-469-6	83-32-9	-0.05	mg/kg		-0.05	mg/kg	<0.000005 %		<LOD
23	fluorene		201-695-5	96-73-7	0.23	mg/kg		0.21	mg/kg	0.000021 %	✓	
24	phenanthrene		201-581-5	85-01-8	2.7	mg/kg		2.462	mg/kg	0.000246 %	✓	
25	anthracene		204-371-1	120-12-7	0.51	mg/kg		0.465	mg/kg	0.0000465 %	✓	
26	fluoranthene		205-912-4	206-44-0	8.6	mg/kg		7.843	mg/kg	0.000784 %	✓	
27	pyrene		204-927-3	129-00-0	6.9	mg/kg		6.293	mg/kg	0.000629 %	✓	
28	benzo(a)anthracene	601-033-00-9	200-280-6	56-55-3	6	mg/kg		5.472	mg/kg	0.000547 %	✓	
29	chrysene	601-048-00-0	205-023-4	218-01-9	4.4	mg/kg		4.013	mg/kg	0.000401 %	✓	
30	benzo(b)fluoranthene	601-034-00-4	205-911-9	205-90-2	5.1	mg/kg		4.651	mg/kg	0.000465 %	✓	
31	benzo(k)fluoranthene	601-036-00-5	205-916-6	207-08-9	2.4	mg/kg		2.189	mg/kg	0.000219 %	✓	
32	benzo(a)pyrene; benzo(b)fluoranthene	601-032-00-3	200-028-5	50-32-8	3.6	mg/kg		3.283	mg/kg	0.000328 %	✓	
33	indeno(1,2,3-cd)pyrene		205-893-2	193-39-5	2.1	mg/kg		1.915	mg/kg	0.000192 %	✓	
34	dibenz(a,h)anthracene	601-041-00-2	200-181-8	53-70-3	0.76	mg/kg		0.693	mg/kg	0.000693 %	✓	
35	benzo(ghi)perylene		205-883-8	191-24-2	2.5	mg/kg		2.28	mg/kg	0.000228 %	✓	
36	phenol	604-001-00-2	203-632-7	108-95-2	-0.2	mg/kg		-0.2	mg/kg	<0.00002 %		<LOD
37	1,1-dichloroethane and 1,2-dichloroethane (combined)		203-458-1, 200-863-5	107-06-2, 75-34-3	-0.002	mg/kg		-0.002	mg/kg	<0.0000002 %		<LOD
38	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	-0.001	mg/kg		-0.001	mg/kg	<0.0000001 %		<LOD
39	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-282-8	56-23-5	-0.001	mg/kg		-0.001	mg/kg	<0.0000001 %		<LOD
40	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	-0.001	mg/kg		-0.001	mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
41	vinyl chloride; chloroethylene				-0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
42	hexachlorobenzene				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	602-065-00-6	204-273-9	818-74-1							
43	aniline				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-008-00-7	200-539-3	62-53-3							
44	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-0 [2] 108-43-0 [3] 25167-80-0 [4]							
45	bis(2-chloroethyl) ether				-0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	603-029-00-2	203-870-1	811-44-4							
46	hexachloroethane				-0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		200-666-4	67-72-1							
47	nitrobenzene				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
48	3,5,5-trimethylcyclohex-2-enone; isophorone				-0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
49	2-nitrophenol				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
		201-857-5	88-75-5							
50	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-005-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
51	bis(2-chloroethoxy)methane				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
		203-920-2	811-91-1							
52	2,4-dichlorophenol				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
	604-011-00-7	204-429-6	620-83-2							
53	4-chloroaniline				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-137-00-9	203-401-0	605-47-8							
54	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-014-00-3	200-431-6	50-50-7							
55	2,4,6-trichlorophenol				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
56	2,4,5-trichlorophenol				-0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
57	2-methyl naphthalene				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-078-3	91-57-6							
58	2-chloronaphthalene				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
59	dimethyl phthalate				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	81-11-3							
60	2,6-dinitrotoluene				-0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
61	2,4-dinitrotoluene; [1] dinitrotoluene [2]				-0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	81-14-2 [1] 25321-14-6 [2]							
62	dibenzofuran				-0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
		205-071-3	83-24-9							
63	4-chlorophenylphenylether				-0.3 mg/kg		<0.3 mg/kg	<0.00003 %		<LOD
		230-281-7	7005-72-3							
64	diethyl phthalate				-0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
		201-550-6	84-66-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	M/C Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number								
65	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-3 [2] 100-01-6 [3]	-0.2 mg/kg		-0.2 mg/kg	-0.00002 %			<LOD
66	azobenzene	611-001-00-6	203-102-5	103-33-3	-0.3 mg/kg		-0.3 mg/kg	-0.00003 %			<LOD
67	4-bromophenylphenylether		202-952-4	101-55-3	-0.2 mg/kg		-0.2 mg/kg	-0.00002 %			<LOD
68	carbazole		201-606-0	96-74-8	-0.3 mg/kg		-0.3 mg/kg	-0.00003 %			<LOD
69	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	-0.2 mg/kg		-0.2 mg/kg	-0.00002 %			<LOD
70	anthraquinone	606-151-00-4	201-549-0	84-65-1	-0.3 mg/kg		-0.3 mg/kg	-0.00003 %			<LOD
71	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	-0.3 mg/kg		-0.3 mg/kg	-0.00003 %			<LOD
72	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
73	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
74	1,1,2-trichloroethane	602-014-00-3	201-166-9	79-00-5	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
75	1,1-dichloroethylene; vinylidene chloride	602-025-00-3	200-864-0	75-35-4	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
76	1,1-dichloropropane	602-031-00-0	200-253-3	563-58-6	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
77	1,2,3-trichlorobenzene		201-757-1	87-61-6	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
78	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
79	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
80	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
81	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
82	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
83	1,3-dichloropropane		205-531-3	142-28-9	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
84	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
85	2,2-dichloropropane		209-832-0	594-20-7	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
86	bromodichloromethane		200-856-7	75-27-4	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
87	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
88	bromobenzene	602-060-00-0	203-623-8	108-86-1	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
89	n-butylbenzene		203-209-7	104-51-8	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
90	1,3-dichloropropane; [1] (Z)-1,3-dichloropropane [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
91	chlorobenzene	602-033-00-1	203-628-5	108-90-7	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD
92	chloroethane	602-009-00-0	200-830-5	75-00-3	-0.001 mg/kg		-0.001 mg/kg	-0.0000001 %			<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
93	chloroform; trichloromethane	602-005-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
94	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
95	dibromochloromethane	204-704-0	124-48-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
99	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	styrene	601-025-00-0	202-851-5	100-42-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	trans-1,3-dichloropropene	431-460-4	10061-02-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	tert-butylbenzene	202-632-4	98-06-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
105	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
106	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	trichlorofluoromethane	200-802-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
110	asbestos	650-013-00-6	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
111	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
112	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
113	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
114	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
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)
	Specialized Determinand - 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 Not present in free phase

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00666%)

Classification of sample: WS05--0.10

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

Sample details

Sample name:	LoW Code:
WS05--0.10	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
11% (wet weight correction)	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 determinant:

zinc chromate: (compound conc.: 0.321%)

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 determinant:

zinc chromate: (compound conc.: 0.321%)

Determinands

Moisture content: 11% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic [arsenic trioxide]				33	mg/kg	1.32	38.778	mg/kg	0.00388 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron [diboron trioxide; boric oxide]				0.6	mg/kg	3.22	1.719	mg/kg	0.000172 %	✓	
	005-008-00-8	215-125-8	1303-86-2									
3	cadmium [cadmium oxide]				1.3	mg/kg	1.142	1.322	mg/kg	0.000132 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds [chromium(III) oxide (worst case)]				23	mg/kg	1.462	29.918	mg/kg	0.00299 %	✓	
		215-160-0	1308-38-9									
5	chromium in chromium(VI) compounds [chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex]				<4	mg/kg	2.27	<9.08	mg/kg	<0.000908 %		<LOD
	024-017-00-8											
6	copper [dicopper oxide; copper (I) oxide]				370	mg/kg	1.126	370.755	mg/kg	0.0371 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead [lead chromate]			1	330	mg/kg	1.56	458.118	mg/kg	0.0294 %	✓	
	082-004-00-2	231-846-0	1758-97-6									
8	mercury [mercury dichloride]				1.4	mg/kg	1.353	1.686	mg/kg	0.000169 %	✓	
	080-010-00-X	231-299-8	1487-94-7									
9	nickel [nickel chromate]				47	mg/kg	2.976	124.497	mg/kg	0.0124 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium [nickel selenate]				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number									
11	zinc [zinc chromate] 024-007-00-3	236-878-9	13530-85-9		1300	mg/kg	2.774	3209.688	mg/kg	0.321 %	✓	
12	TPH (C6 to C40) petroleum group TPH				240	mg/kg		213.6	mg/kg	0.0214 %	✓	
13	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
14	pH PH				8.5	pH		8.5	pH	8.5 pH		
15	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	acenaphthylene 205-017-1	208-96-8			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
17	acenaphthene 201-469-6	83-32-9			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18	fluorene 201-695-5	96-73-7			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
19	phenanthrene 201-581-5	85-01-8			2.4	mg/kg		2.136	mg/kg	0.000214 %	✓	
20	anthracene 204-371-1	120-12-7			0.39	mg/kg		0.347	mg/kg	0.000347 %	✓	
21	fluoranthene 205-912-4	206-44-0			3.8	mg/kg		3.382	mg/kg	0.000338 %	✓	
22	pyrene 204-927-3	129-00-0			3.2	mg/kg		2.848	mg/kg	0.000285 %	✓	
23	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		2.2	mg/kg		1.958	mg/kg	0.000196 %	✓	
24	chrysene 601-048-00-0	205-023-4	218-01-9		2.3	mg/kg		2.047	mg/kg	0.000205 %	✓	
25	benzo[b]fluoranthene 601-034-00-4	205-911-0	205-99-2		1.9	mg/kg		1.691	mg/kg	0.000169 %	✓	
26	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.87	mg/kg		0.774	mg/kg	0.0000774 %	✓	
27	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.3	mg/kg		1.157	mg/kg	0.000116 %	✓	
28	indeno[123-cd]pyrene 205-893-2	193-39-5			0.97	mg/kg		0.863	mg/kg	0.0000863 %	✓	
29	dibenzo[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.29	mg/kg		0.258	mg/kg	0.0000258 %	✓	
30	benzo[ghi]perylene 205-883-8	191-24-2			1	mg/kg		0.89	mg/kg	0.000089 %	✓	
31	monohydric phenols P1186				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
Total										0.432 %		

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)
- Specialised Determinand - 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 Not present in free phase

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0214%)

Classification of sample: WS06—0.90

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

Sample details

Sample name:	LoW Code:
WS06—0.90	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
39% (wet weight correction)	

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 determinant:

zinc chromate: (compound conc.: 0.203%)

Determinands

Moisture content: 39% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	PAC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic (arsenic trioxide)				7	mg/kg	1.32	5.638	mg/kg	0.000564 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron (diboron trioxide; boric oxide)				0.5	mg/kg	3.22	0.982	mg/kg	0.0000982 %	✓	
	005-008-00-8	215-125-8	1303-85-2									
3	cadmium (cadmium oxide)				0.3	mg/kg	1.142	0.209	mg/kg	0.0000209 %	✓	
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds (chromium(III) oxide (worst case))				9.6	mg/kg	1.462	8.559	mg/kg	0.000856 %	✓	
		215-160-0	1308-38-0									
5	chromium in chromium(VI) compounds (chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex)				<4	mg/kg	2.27	<9.08	mg/kg	<0.000908 %		<LOD
	024-017-00-8											
6	copper (dicopper oxide; copper (II) oxide)				24	mg/kg	1.126	16.483	mg/kg	0.00165 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead (lead chromate)			1	17	mg/kg	1.56	16.175	mg/kg	0.00104 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury (mercury dichloride)				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel (nickel chromate)				30	mg/kg	2.976	54.466	mg/kg	0.00545 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium (nickel selenate)				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	230-125-2	15060-82-5									
11	zinc (zinc chromate)				1200	mg/kg	2.774	2030.675	mg/kg	0.203 %	✓	
	024-007-00-3	236-878-0	13530-65-0									
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	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			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
	Isocyanides and mercuric oxycyanide and those specified elsewhere in this Annex)									
	005-007-00-5									
14	pH				7.8 pH		7.8 pH	7.8 pH		
15	naphthalene	001-052-00-2	002-040-5	01-20-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
16	acenaphthylene	005-017-1	008-06-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
17	acenaphthene	001-469-6	03-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
18	fluorene	001-695-5	06-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
19	phenanthrene	001-581-5	05-01-8		0.6 mg/kg		0.366 mg/kg	0.0000366 %	✓	
20	anthracene	004-371-1	020-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	fluoranthene	005-012-4	005-44-0		0.36 mg/kg		0.22 mg/kg	0.000022 %	✓	
22	pyrene	004-027-3	029-00-0		0.39 mg/kg		0.238 mg/kg	0.0000238 %	✓	
23	benzo[a]anthracene	001-033-00-9	000-280-6	06-55-3	0.35 mg/kg		0.213 mg/kg	0.0000213 %	✓	
24	chrysene	001-048-00-0	005-023-4	018-01-9	0.35 mg/kg		0.213 mg/kg	0.0000213 %	✓	
25	benzo[b]fluoranthene	001-034-00-4	005-011-9	005-09-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	benzo[k]fluoranthene	001-035-00-5	005-016-6	007-08-9	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]pyrene; benzo[def]chrysene	001-032-00-3	000-028-5	00-32-8	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[1,2,3-cd]pyrene	005-893-2	093-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	dibenz[a,h]anthracene	001-041-00-2	000-181-8	03-70-3	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[ghi]perylene	005-883-8	091-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	monohydric phenols		P1186		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.215 %		

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 Determinand - 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: TP15—1.00

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

Sample details

Sample name:	LoW Code:
TP15—1.00	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
34% (wet weight correction)	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:

zinc chromate: (compound conc.: 0.108%)

Determinands

Moisture content: 34% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	PAC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
1	arsenic (arsenic trioxide)				32	mg/kg	1.32	27.885	mg/kg	0.00279 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	boron (diboron trioxide; boric oxide)				1.2	mg/kg	3.22	2.55	mg/kg	0.000255 %	✓	
	005-008-00-8	215-125-8	1303-85-2									
3	cadmium (cadmium oxide)				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
4	chromium in chromium(III) compounds (chromium(III) oxide (worst case))				11	mg/kg	1.462	10.611	mg/kg	0.00106 %	✓	
		215-160-0	1308-38-0									
5	chromium in chromium(VI) compounds (chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex)				<4	mg/kg	2.27	<9.08	mg/kg	<0.000908 %		<LOD
	024-017-00-8											
6	copper (dicopper oxide; copper (II) oxide)				110	mg/kg	1.126	81.739	mg/kg	0.00817 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
7	lead (lead chromate)			1	41	mg/kg	1.56	42.209	mg/kg	0.00271 %	✓	
	082-004-00-2	231-846-0	7758-97-6									
8	mercury (mercury dichloride)				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
9	nickel (nickel chromate)				43	mg/kg	2.976	84.466	mg/kg	0.00845 %	✓	
	028-035-00-7	238-766-5	14721-18-7									
10	selenium (nickel selenate)				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	230-125-2	15060-82-5									
11	zinc (zinc chromate)				590	mg/kg	2.774	1080.253	mg/kg	0.108 %	✓	
	024-007-00-3	236-878-0	13530-65-0									
12	TPH (C6 to C40) petroleum group				<10	mg/kg		<10	mg/kg	<0.001 %		<LOD
			TPH									
13	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			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP Index number	EC Number	CAS Number							
	Isocyanides and mercuric oxycyanide and those specified elsewhere in this Annex)									
	005-007-00-5									
14	pH				7.4 pH		7.4 pH	7.4 pH		
15	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-052-00-2	202-040-5	91-20-3							
16	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-017-1	208-96-8							
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
18	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
19	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
20	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
21	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-012-4	205-44-0							
22	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-327-3	129-00-0							
23	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-033-00-9	200-280-6	56-55-3							
24	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-048-00-0	205-023-4	218-01-9							
25	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-034-00-4	205-011-9	205-99-2							
26	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-035-00-5	205-016-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-032-00-3	200-028-5	50-32-8							
28	indeno[1,2,3-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
29	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	501-041-00-2	200-181-8	53-70-3							
30	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
31	monohydric phenols				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
			P1185							
Total:								0.134 %		

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)
	Specialised Determinand - 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 CLP determinands

* 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

* ethylbenzene (EC Number: 202-849-4, CAS Number: 100-41-4)

CLP index number: 601-023-00-4

Description/Comments:

Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATPS)

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazard Statement(s):

03 Jun 2015 - Carc. 2 H351 hazard statement sourced from: IARC Group 2B (77) 2000

* 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

* 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

* 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

* 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

* 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

* 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

* 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

* indeno[1,23-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

• **benzo[ghi]perylene** (EC Number: 205-883-8, CAS Number: 191-24-2)

Description/Comments: Data from C&I Inventory Database; SDS Sigma Aldrich 28/02/2015

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 23 Jul 2015

Hazard Statements: Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **1,1-dichloroethane and 1,2-dichloroethane (combined)** (EC Number: 203-458-1, 200-863-5, CAS Number: 107-06-2, 75-34-3)

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane

Data source: N/A

Data source date: 14 Oct 2016

Hazard Statements: Flam. Liq. 2 H225, Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Carc. 1B H350, Aquatic Chronic 3 H412

• **hexachloroethane** (EC Number: 200-666-4, CAS Number: 67-72-1)

Description/Comments: VOC; Data from C&I Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Carc. 2 H351, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, STOT RE 2 H373

• **2-nitrophenol** (EC Number: 201-857-5, CAS Number: 88-75-5)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, STOT RE 2 H373, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **bis(2-chloroethoxy)methane** (EC Number: 203-920-2, CAS Number: 111-91-1)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3 H301, Acute Tox. 4 H312, Acute Tox. 1 H330, Acute Tox. 2 H330, STOT SE 1 H370, STOT RE 2 H373

• **2-methyl naphthalene** (EC Number: 202-078-3, CAS Number: 91-57-6)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, STOT SE 3 H336, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **2-chloronaphthalene** (EC Number: 202-079-9, CAS Number: 91-58-7)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Eye Irrit. 2 H319, STOT SE 3 H335, Skin Irrit. 2 H315

• **dimethyl phthalate** (EC Number: 205-011-6, CAS Number: 131-11-3)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 3 H331, STOT SE 3 H335, STOT SE 3 H336, Repr. 2 H361, Aquatic Chronic 3 H412

• **dibenzofuran** (EC Number: 205-071-3, CAS Number: 132-64-9)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Acute Tox. 4 H312, Acute Tox. 4 H332, Aquatic Chronic 2 H411

• **4-chlorophenylphenylether** (EC Number: 230-281-7, CAS Number: 7005-72-3)

Description/Comments: VOC; Data from C&I Inventory Database

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/ci-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318, Eye Irrit. 2 H319, STOT SE 3 H335, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **diethyl phthalate** (EC Number: 201-550-6, CAS Number: 84-66-2)

Description/Comments: VOC; Data from 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: Skin Irrit. 2 H315, Acute Tox. 3 H331, Acute Tox. 3 H311, STOT SE 3 H335, STOT RE 2 H373, Repr. 2 H361, Acute Tox. 4 H302, STOT SE 3 H336, Skin Sens. 1 H317, Aquatic Chronic 1 H410

• **4-bromophenylphenylether** (EC Number: 202-952-4, CAS Number: 101-55-3)

Description/Comments: VOC; Data from 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: Acute Tox. 4 H302, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Dam. 1 H318, Eye Irrit. 2 H319, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **carbazole** (EC Number: 201-696-0, CAS Number: 86-74-8)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Muta. 2 H341, Carc. 2 H351, Aquatic Acute 1 H400, Aquatic Chronic 1 H410, Acute Tox. 3 H331, Acute Tox. 3 H311, Acute Tox. 3 H301

• **1,2,3-trichlorobenzene** (EC Number: 201-757-1, CAS Number: 87-61-6)

Description/Comments: VOC; Data from 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: Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, STOT SE 3 H336, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **1,3-dichloropropane** (EC Number: 205-531-3, CAS Number: 142-28-9)

Description/Comments: VOC; Data from 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: Acute Tox. 4 H332, Flam. Liq. 2 H225, Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335

• **2,2-dichloropropane** (EC Number: 209-832-0, CAS Number: 594-20-7)

Description/Comments: VOC; Data from 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: Acute Tox. 4 H332, Flam. Liq. 2 H225, Acute Tox. 4 H302, Acute Tox. 4 H312, Eye Irrit. 2 H319

• **bromodichloromethane** (EC Number: 200-856-7, CAS Number: 75-27-4)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Skin Irrit. 2 H315, Eye Dam. 1 H318, Eye Irrit. 2 H319, STOT SE 3 H335, Muta. 1B H340, Carc. 1B H350, Repr. 1A H360

• **n-butylbenzene** (EC Number: 203-209-7, CAS Number: 104-51-8)

Description/Comments: VOC; Data from 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: Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **dibromochloromethane** (EC Number: 204-704-0, CAS Number: 124-48-1)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Acute Tox. 4 H312, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, STOT SE 3 H336, Muta. 2 H341, Aquatic Chronic 1 H410

• **hexachlorobutadiene** (EC Number: 201-765-5, CAS Number: 87-68-3)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 3;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 3 H301, Acute Tox. 2 H310, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Irrit. 2 H319, Acute Tox. 2 H330, Carc. 2 H351, Repr. 2 H361, STOT SE 2 H371, Aquatic Acute 1 H400, Aquatic Chronic 1 H410

• **4-isopropyltoluene** (EC Number: 202-796-7, CAS Number: 99-87-6)

Description/Comments: VOC; Data from 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: Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit. 2 H319, STOT SE 3 H335, Aquatic Chronic 2 H411

• **sec-butylbenzene** (EC Number: 205-227-0, CAS Number: 135-98-8)

Description/Comments: VOC; Data from 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: Flam. Liq. 3 H226, Asp. Tox. 1 H304, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Aquatic Chronic 2 H411

• **trans-1,3-dichloropropene** (EC Number: 431-460-4, CAS Number: 10061-02-6)

Description/Comments: VOC; Data from 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: Flam. Liq. 3 H226, Acute Tox. 3 H301, Asp. Tox. 1 H304, Acute Tox. 3 H311, Skin Irrit. 2 H315, Skin Sens. 1 H317, Eye Irrit. 2 H319, Acute Tox. 4 H332, STOT SE 3 H335, Aquatic Chronic 1 H410

• **tert-butylbenzene** (EC Number: 202-632-4, CAS Number: 98-06-6)

Description/Comments: VOC; Data from 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: Flam. Liq. 3 H226, Skin Irrit. 2 H315, Eye Irrit. 2 H319, Acute Tox. 3 H331, Acute Tox. 4 H332, STOT SE 3 H335, Asp. Tox. 1 H304, Aquatic Chronic 2 H411

• **1,1,1,2-tetrachloroethane** (EC Number: 211-135-1, CAS Number: 630-20-6)

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;

Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H302, Acute Tox. 1 H310, Eye Irrit. 2 H319, Acute Tox. 3 H331, Eye Dam. 1 H318, Acute Tox. 4 H332, Carc. 2 H351, Acute Tox. 4 H312, Aquatic Chronic 3 H412, Skin Irrit. 2 H315

• **trichlorofluoromethane** (EC Number: 200-892-3, CAS Number: 75-69-4)

Description/Comments: VOC; Data from 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: Acute Tox. 4 H312, Ozone 1 H420

• **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**

CLP index number: 006-007-00-5

Description/Comments: Conversion factor based on a worst case compound: sodium cyanide

Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008.

(ATP1)

Additional Hazard Statement(s): EUH032 >= 0.2 %

Reason for additional Hazard Statement(s):

14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

• **pH** (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

• **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: Acute Tox. 3 H301, Acute Tox. 3 H311, Acute Tox. 3 H331, Skin Corr. 1B H314, Skin Corr. 1B H314 >= 3 %, Skin Irrit. 2 H315 1 & conc. < 3 %, Eye Irrit. 2 H319 1 & conc. < 3 %, Muta. 2 H341, STOT RE 2 H373, Aquatic Chronic 2 H411

* polychlorobiphenyls; PCB (EC Number: 215-648-1, CAS Number: 1336-36-3)

CLP index number: 602-039-00-4

Description/Comments: Worst Case: IARC considers PCB Group 1; Carcinogenic to humans; POP specific threshold from ATP1 (Regulation 756/2010/EU) to POPs Regulation (Regulation 850/2004/EC). Where applicable, the calculation method laid down in European standards EN 12766-1 and EN 12766-2 shall be applied.

Data source: Regulation 1272/2008/EC - Classification, labelling and packaging of substances and mixtures. (CLP)

Additional Hazard Statement(s): Carc. 1A H350

Reason for additional Hazard Statement(s):

29 Sep 2015 - Carc. 1A H350 hazard statement sourced from: IARC Group 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

arsenic (arsenic trioxide)

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic. Industrial sources include: smelting; main precursor to other arsenic compounds (edit as required)

boron (diboron trioxide; boric oxide)

Reasonable case CLP species based on hazard statements/ molecular weight, physical form and low solubility. Industrial sources include: fluxing agent for glass/enamels; additive for fibre optics, borosilicate glass (edit as required)

cadmium (cadmium oxide)

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

chromium in chromium(III) compounds (chromium(III) oxide (worst case))

Reasonable case species based on hazard statements/molecular weight. Industrial sources include: tanning, pigment in paint, inks and glass (edit as required)

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 based on hazard statements/molecular weight (edit as required)

copper (dicopper oxide; copper (I) oxide)

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Industrial sources include: oxidised copper metal, brake pads, pigments, antifouling paints, fungicide. (edit as required) Worse case copper sulphate is very soluble and likely to have been leached away if ever present and/or not enough soluble sulphate detected. (edit as required)

lead (lead chromate)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

mercury (mercury dichloride)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

nickel (nickel chromate)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

selenium (nickel selenate)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

zinc (zinc chromate)

Worst case CLP species based on hazard statements/molecular weight (edit as required)

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)

Harmonised group entry used as most reasonable case as complex cyanides and those specified elsewhere in the annex are not likely to be present in this soil: [Note conversion factor based on a worst case compound: sodium cyanide] (edit as required)

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.1, May 2018

HazWasteOnline Classification Engine Version: 2021.293.4891.9295 (20 Oct 2021)

HazWasteOnline Database: 2021.293.4891.9295 (20 Oct 2021)

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

POPs Regulation 2019 - Regulation (EU) 2019/1021 of 20 June 2019

APPENDIX 17 - Relevant Legislative Background

Legislative Background

Environmental liabilities and risks have been evaluated in terms of a source - pathway - target relationship in accordance with the approach set out in:

- The 1995 Environment Act;
- The Contaminated Land (England) Regulations 2000;
- The DETR circular 02/2000 Environmental Protection Act 1990: Part IIA Contaminated Land.

Contaminated land is defined within the legislative framework as land which is in such condition by reason of substances in, on or under the land that:

- 1) Significant harm is being caused or there is a significant possibility of such harm being caused;
- 2) Significant pollution of controlled waters is being or is likely to be caused.

The potential for harm is based on the presence of three factors:

- Source - substances that are potential contaminants or pollutants that may cause harm;
- Pathway - a potential route by which contaminants can move from the source to the receptor;
- Receptor - a receptor that may be harmed, for example the water environment, humans and water.

Where a source, pathway and target are all present a pollutant linkage exists and there is potential for harm to be caused. The presence of a source does not automatically imply that a contamination problem exists, since contamination must be defined in terms of pollutant linkages and unacceptable risk of harm. The nature and importance of both pathways and receptors are site specific and will vary according to the intended end use of the site, its characteristics and its surroundings.

The key principle which supports the SPR approach is 'suitable for use' criteria. This requires remedial action only where contamination is considered to pose unacceptable actual or potential risks to health or the environment and, taking into account the proposed use of the site.

Relevant Guidance Documents

This report has been prepared in accordance with the list of guidance below however the list is not exhaustive:

- CLR11 – Model Procedures;
- Contamination and Environmental Matters - Their implications for Property Professionals (2nd Edition RICS Nov 2003);
- Brownfields – Managing the development of previously developed land – A client's guide, CIRIA 2002;
- DEFRA and Environment Agency publications CLR7 – 10, supported by the TOX guides and SGV guides, dated March 2002;
- DETR Circular 02/2000, Contaminated Land: Implementation of Part IIA of the Environmental Protection Act 1990;
- Environment Agency technical advice to third parties on Pollution of Controlled Waters for Part IIA of the EPA1990, May 2002;

Relevant Legislative Documents

The following is a non-exhaustive list of legislative framework documents that has been considered in the production of this report:

- The Environment Act (1995);
- The Environmental Protection Act 1990: Part 2A Contaminated Land Statutory Guidance (2012);
- The Environmental Protection Act (1990);
- The Contaminated Land (England) Act (2000);
- Contaminated Land (England) Regulations (2012);
- The Water Resources Act (1991);
- The Pollution Prevention and Control (England and Wales) Regulations (2000);
- The Landfill Regulations (England and Wales) Regulations (2002);
- The Landfill (England and Wales) (Amendment) Regulations (2004);
- Health and Safety at Work Act;

APPENDIX 18 - Limitations

Limitations

This contract was completed by Groundtech Consulting on the basis of a defined programme and scope of works and terms and conditions agreed with the client. This report was compiled with due skill and care, taking into consideration the project brief provided, project objectives, agreed scope of works, prevailing site conditions and budget allocation.

Other than that defined in the paragraph above, Groundtech Consulting provides no other accountability or warranty whether express or implied, is made in relation to the services. Unless otherwise agreed this report has been prepared exclusively for the use and reliance of the client in accordance with generally accepted industry practices and for the intended purposes as stated in the agreement under which this work was completed. This report may not be relied upon, or transferred to, by any other party without the written agreement of a Director of Groundtech Consulting. A third party who relies on this report, does so at their own and sole risk and no liability to such parties is provided by Groundtech Consulting.

It is the understanding of Groundtech Consulting that this report is to be used for the intended purpose as set out in the introduction. The purpose was instrumental in determining the scope and level of the services provided. Should the purpose of the report or the proposed end use of the site change, this report will no longer be directly applicable, and its validity reassessed. No reliance upon the report in the revised situation should be assumed by the client without the permission of Groundtech Consulting.

The report was written in 2021, later changes in legislation, statutory requirements and industry best practices have not been considered and this should be allowed for. Ground conditions can also change and should be investigated if there is any significant delay in acting on the findings of this report. The period of time may result in changes in site conditions, regulatory or other legal provisions, technology or economic conditions which could render the report inaccurate or unreliable. The information and conclusions in this report should not be relied upon in the future without the written confirmation from Groundtech Consulting that it is safe to do so.

The observations and conclusions outlined in this report are based exclusively on the services that were provided as set out in the agreement between the client and Groundtech Consulting.

Groundtech Consulting are not liable for the existence of any condition, the discovery of which would require additional investigation outside the agreed scope of works or core competency. The services provided are based upon Groundtech Consulting observations of existing physical conditions at the site gained from site reconnaissance together with interpretation of information including documentation, obtained from third parties and from the client on the history and usage of the site. The findings and recommendations contained in this report are based in part upon information provided by third parties, and Groundtech Consulting assume the information to be correct.

No responsibility can be accepted for errors for third party information presented in this report. Groundtech Consulting were not authorised to independently verify the accuracy or completeness of information, documentation or materials received from the client or third parties, including laboratories and information services, during the performance of the services. Groundtech Consulting are not liable for any inaccurate information, misrepresentation of data or conclusions, which may inform the scope of investigation undertaken by Groundtech Consulting and forms the contract with the client.

Where field investigations have been carried out these have been restricted to a level of detail required to achieve the stated objectives of the work. Ground conditions can also be variable due to its heterogeneous properties and as investigation exploratory locations only allow examination of the ground at discrete locations. The potential exists for ground conditions to be encountered which are different to those considered in this report, particularly between exploratory holes. The extent of the limited area depends on the soil and ground-water conditions, together with other constraints such as the position of any existing structures and underground utilities. Geo-Environmental testing was carried out for a limited number of parameters (as stipulated in the contract) based on an understanding of the available operational and historical information, and it should not be inferred that other chemical species are not present.

The groundwater conditions entered on the exploratory hole records are those observed at the time of investigation. The groundwater level often has not had time to reach equilibrium and a monitoring period is required. Furthermore, groundwater levels are subject to seasonal variation or changes in local drainage conditions and higher groundwater levels may occur at other times of the year than were recorded during this investigation.

Any site drawings provided in this report are not meant to be an accurate base plan, but are preliminary and used to present the general relative locations of features on, and surrounding, the site.

