

Appendix I.3
Table 2 Surface Water Screening EQS

Location ID	Ground Level (m AOD)	Depth to Top (m bgl)	Sample Reference	Sampling Date	Determinand	Result	Unit	LOD	Easting	Northing	GAC	LOD above GAC	GAC Exceedance	Relative Exceedance	geometry
SW3	224.97	0	1	17/01/2023	Fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7	6.30E-06	YES	NO	15.87	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Benzo[k]fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Acenaphthylene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Chrysene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Benzo[a]pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7	1.70E-07	YES	NO	588.24	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Dibenz(a,h)Anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Benzo[a]anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Lead (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.0012	NO	NO	0.42	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Mercury (Dissolved)	< 5e-05	mg/l	5.00E-05	285586.9	210282.7	7.00E-05	NO	NO	0.71	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Nickel (Dissolved)	0.001	mg/l	0.0005	285586.9	210282.7	0.004	NO	NO	0.25	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Arsenic (Dissolved)	0.00035	mg/l	0.0002	285586.9	210282.7	0.05	NO	NO	0.01	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Boron (Dissolved)	0.015	mg/l	0.01	285586.9	210282.7	2	NO	NO	0.01	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Cadmium (Dissolved)	< 0.00011	mg/l	0.00011	285586.9	210282.7	8.00E-05	YES	NO	1.38	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Chromium (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.0047	NO	NO	0.11	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Copper (Dissolved)	0.00065	mg/l	0.0005	285586.9	210282.7	0.001	NO	NO	0.65	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Vanadium (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.02	NO	NO	0.02	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Zinc (Dissolved)	0.0059	mg/l	0.0025	285586.9	210282.7	0.014	NO	NO	0.42	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Selenium (Dissolved)	0.0018	mg/l	0.0005	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Acenaphthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Phenanthrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Fluorene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Naphthalene	< 0.0001	mg/l	0.0001	285586.9	210282.7	0.002	NO	NO	0.05	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Manganese (Dissolved)	0.029	mg/l	0.0005	285586.9	210282.7	0.123	NO	NO	0.24	POINT (285586.86 210282.66)
SW3	224.97	0	1	17/01/2023	Total Of 16 PAH's	< 0.002	mg/l	0.002	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Sulphate	79	mg/l	1	285586.9	210282.7	400	NO	NO	0.2	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Cyanide (Total)	< 0.05	mg/l	0.05	285586.9	210282.7	0.001	YES	NO	50	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Calcium (Dissolved)	34	mg/l	2	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Cyanide (Free)	< 0.05	mg/l	0.05	285586.9	210282.7	0.001	YES	NO	50	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Total Phenols	< 0.03	mg/l	0.03	285586.9	210282.7	0.0077	YES	NO	3.9	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Total Hardness as CaCO3	300	mg/l	15	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Dissolved Organic Carbon	2.2	mg/l	2	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7	0.0001	NO	NO	1	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Chromium (Hexavalent)	< 0.02	mg/l	0.02	285586.9	210282.7	0.0034	YES	NO	5.88	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Benzo[g,h,i]perylene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Indeno(1,2,3-c,d)Pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Benzo[b]fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7	6.30E-06	YES	NO	15.87	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Benzo[k]fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Acenaphthylene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Chrysene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Benzo[a]pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7	1.70E-07	YES	NO	588.24	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Dibenz(a,h)Anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Benzo[a]anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Lead (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.0012	NO	NO	0.42	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Mercury (Dissolved)	< 5e-05	mg/l	5.00E-05	285586.9	210282.7	7.00E-05	NO	NO	0.71	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Nickel (Dissolved)	0.001	mg/l	0.0005	285586.9	210282.7	0.004	NO	NO	0.25	POINT (285586.86 210282.66)

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Location ID	Ground Level (m AOD)	Depth to Top (m bgl)	Sample Reference	Sampling Date	Determinand	Result	Unit	LOD	Easting	Northing	GAC	LOD above GAC	GAC Exceedance	Relative Exceedance	geometry
SW3	224.97	0	2	02/02/2023	Arsenic (Dissolved)	< 0.0002	mg/l	0.0002	285586.9	210282.7	0.05	NO	NO	0	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Boron (Dissolved)	0.018	mg/l	0.01	285586.9	210282.7	2	NO	NO	0.01	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Cadmium (Dissolved)	< 0.00011	mg/l	0.00011	285586.9	210282.7	8.00E-05	YES	NO	1.38	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Chromium (Dissolved)	0.0013	mg/l	0.0005	285586.9	210282.7	0.0047	NO	NO	0.28	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Copper (Dissolved)	0.00057	mg/l	0.0005	285586.9	210282.7	0.001	NO	NO	0.57	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Vanadium (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.02	NO	NO	0.02	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Zinc (Dissolved)	0.0039	mg/l	0.0025	285586.9	210282.7	0.014	NO	NO	0.28	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Selenium (Dissolved)	0.0014	mg/l	0.0005	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Acenaphthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Phenanthrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Fluorene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Naphthalene	< 0.0001	mg/l	0.0001	285586.9	210282.7	0.002	NO	NO	0.05	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Manganese (Dissolved)	0.011	mg/l	0.0005	285586.9	210282.7	0.123	NO	NO	0.09	POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	Total Of 16 PAH's	< 0.002	mg/l	0.002	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Sulphate	87	mg/l	1	285586.9	210282.7	400	NO	NO	0.22	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Cyanide (Total)	< 0.05	mg/l	0.05	285586.9	210282.7	0.001	YES	NO	50	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Calcium (Dissolved)	42	mg/l	2	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Cyanide (Free)	< 0.05	mg/l	0.05	285586.9	210282.7	0.001	YES	NO	50	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Total Phenols	< 0.03	mg/l	0.03	285586.9	210282.7	0.0077	YES	NO	3.9	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Total Hardness as CaCO3	340	mg/l	15	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Dissolved Organic Carbon	< 2.0	mg/l	2	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7	0.0001	NO	NO	1	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Chromium (Hexavalent)	< 0.02	mg/l	0.02	285586.9	210282.7	0.0034	YES	NO	5.88	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Benzo[g,h,i]perylene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Indeno(1,2,3-c,d)Pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Benzo[b]fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7	6.30E-06	YES	NO	15.87	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Benzo[k]fluoranthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Acenaphthylene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Chrysene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Benzo[a]pyrene	< 0.0001	mg/l	0.0001	285586.9	210282.7	1.70E-07	YES	NO	588.24	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Dibenz(a,h)Anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Benzo[a]anthracene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Lead (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.0012	NO	NO	0.42	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Mercury (Dissolved)	< 5e-05	mg/l	5.00E-05	285586.9	210282.7	7.00E-05	NO	NO	0.71	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Nickel (Dissolved)	0.0012	mg/l	0.0005	285586.9	210282.7	0.004	NO	NO	0.3	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Arsenic (Dissolved)	< 0.0002	mg/l	0.0002	285586.9	210282.7	0.05	NO	NO	0	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Boron (Dissolved)	0.018	mg/l	0.01	285586.9	210282.7	2	NO	NO	0.01	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Cadmium (Dissolved)	< 0.00011	mg/l	0.00011	285586.9	210282.7	8.00E-05	YES	NO	1.38	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Chromium (Dissolved)	0.0013	mg/l	0.0005	285586.9	210282.7	0.0047	NO	NO	0.28	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Copper (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.001	NO	NO	0.5	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Vanadium (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7	0.02	NO	NO	0.02	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Zinc (Dissolved)	0.009	mg/l	0.0025	285586.9	210282.7	0.014	NO	NO	0.64	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Selenium (Dissolved)	< 0.0005	mg/l	0.0005	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Acenaphthene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Phenanthrene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)

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Location ID	Ground Level (m AOD)	Depth to Top (m bgl)	Sample Reference	Sampling Date	Determinand	Result	Unit	LOD	Easting	Northing	GAC	LOD above GAC	GAC Exceedance	Relative Exceedance	geometry
SW3	224.97	0	3	14/02/2023	Fluorene	< 0.0001	mg/l	0.0001	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Naphthalene	< 0.0001	mg/l	0.0001	285586.9	210282.7	0.002	NO	NO	0.05	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Manganese (Dissolved)	0.066	mg/l	0.0005	285586.9	210282.7	0.123	NO	NO	0.54	POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	Total Of 16 PAH's	< 0.002	mg/l	0.002	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW4	228.8	0	1	31/01/2023	Sulphate	< 1.0	mg/l	1	284293.7	210655	400	NO	NO	0	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Cyanide (Total)	< 0.05	mg/l	0.05	284293.7	210655	0.001	YES	NO	50	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Calcium (Dissolved)	22	mg/l	2	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Cyanide (Free)	< 0.05	mg/l	0.05	284293.7	210655	0.001	YES	NO	50	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Total Phenols	< 0.03	mg/l	0.03	284293.7	210655	0.0077	YES	NO	3.9	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Total Hardness as CaCO3	160	mg/l	15	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Dissolved Organic Carbon	2.8	mg/l	2	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Anthracene	< 0.0001	mg/l	0.0001	284293.7	210655	0.0001	NO	NO	1	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Pyrene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Chromium (Hexavalent)	< 0.02	mg/l	0.02	284293.7	210655	0.0034	YES	NO	5.88	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Benzo[g,h,i]perylene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Indeno(1,2,3-c,d)Pyrene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Benzo[b]fluoranthene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Fluoranthene	< 0.0001	mg/l	0.0001	284293.7	210655	6.30E-06	YES	NO	15.87	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Benzo[k]fluoranthene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Acenaphthylene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Chrysene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Benzo[a]pyrene	< 0.0001	mg/l	0.0001	284293.7	210655	1.70E-07	YES	NO	588.24	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Dibenz(a,h)Anthracene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Benzo[a]anthracene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Lead (Dissolved)	< 0.0005	mg/l	0.0005	284293.7	210655	0.0012	NO	NO	0.42	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Mercury (Dissolved)	< 5e-05	mg/l	5.00E-05	284293.7	210655	7.00E-05	NO	NO	0.71	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Nickel (Dissolved)	0.0053	mg/l	0.0005	284293.7	210655	0.004	NO	YES	1.32	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Arsenic (Dissolved)	0.00068	mg/l	0.0002	284293.7	210655	0.05	NO	NO	0.01	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Boron (Dissolved)	0.061	mg/l	0.01	284293.7	210655	2	NO	NO	0.03	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Cadmium (Dissolved)	< 0.00011	mg/l	0.00011	284293.7	210655	8.00E-05	YES	NO	1.38	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Chromium (Dissolved)	0.014	mg/l	0.0005	284293.7	210655	0.0047	NO	YES	2.98	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Copper (Dissolved)	0.0013	mg/l	0.0005	284293.7	210655	0.001	NO	YES	1.3	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Vanadium (Dissolved)	0.0006	mg/l	0.0005	284293.7	210655	0.02	NO	NO	0.03	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Zinc (Dissolved)	< 0.0025	mg/l	0.0025	284293.7	210655	0.014	NO	NO	0.18	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Selenium (Dissolved)	0.0022	mg/l	0.0005	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Acenaphthene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Phenanthrene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Fluorene	< 0.0001	mg/l	0.0001	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Naphthalene	< 0.0001	mg/l	0.0001	284293.7	210655	0.002	NO	NO	0.05	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Manganese (Dissolved)	0.0013	mg/l	0.0005	284293.7	210655	0.123	NO	NO	0.01	POINT (284293.73 210655.02)
SW4	228.8	0	1	31/01/2023	Total Of 16 PAH's	< 0.002	mg/l	0.002	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW5	228.3	0	1	31/01/2023	Sulphate	< 1.0	mg/l	1	284256.4	210612.5	400	NO	NO	0	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Cyanide (Total)	< 0.05	mg/l	0.05	284256.4	210612.5	0.001	YES	NO	50	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Calcium (Dissolved)	21	mg/l	2	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Cyanide (Free)	< 0.05	mg/l	0.05	284256.4	210612.5	0.001	YES	NO	50	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Total Phenols	< 0.03	mg/l	0.03	284256.4	210612.5	0.0077	YES	NO	3.9	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Total Hardness as CaCO3	150	mg/l	15	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)

Appendix I.3
Table 2 Surface Water Screening EQS

Location ID	Ground Level (m AOD)	Depth to Top (m bgl)	Sample Reference	Sampling Date	Determinand	Result	Unit	LOD	Easting	Northing	GAC	LOD above GAC	GAC Exceedance	Relative Exceedance	geometry
SW5	228.3	0	1	31/01/2023	Dissolved Organic Carbon	2.7	mg/l	2	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Anthracene	< 0.0001	mg/l	0.0001	284256.4	210612.5	0.0001	NO	NO	1	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Pyrene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Chromium (Hexavalent)	< 0.02	mg/l	0.02	284256.4	210612.5	0.0034	YES	NO	5.88	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Benzo[g,h,i]perylene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Indeno(1,2,3-c,d)Pyrene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Benzo[b]fluoranthene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Fluoranthene	< 0.0001	mg/l	0.0001	284256.4	210612.5	6.30E-06	YES	NO	15.87	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Benzo[k]fluoranthene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Acenaphthylene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Chrysene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Benzo[a]pyrene	< 0.0001	mg/l	0.0001	284256.4	210612.5	1.70E-07	YES	NO	588.24	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Dibenz(a,h)Anthracene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Benzo[a]anthracene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Lead (Dissolved)	< 0.0005	mg/l	0.0005	284256.4	210612.5	0.0012	NO	NO	0.42	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Mercury (Dissolved)	< 5e-05	mg/l	5.00E-05	284256.4	210612.5	7.00E-05	NO	NO	0.71	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Nickel (Dissolved)	0.0053	mg/l	0.0005	284256.4	210612.5	0.004	NO	YES	1.32	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Arsenic (Dissolved)	0.00068	mg/l	0.0002	284256.4	210612.5	0.05	NO	NO	0.01	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Boron (Dissolved)	0.056	mg/l	0.01	284256.4	210612.5	2	NO	NO	0.03	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Cadmium (Dissolved)	< 0.00011	mg/l	0.00011	284256.4	210612.5	8.00E-05	YES	NO	1.38	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Chromium (Dissolved)	0.022	mg/l	0.0005	284256.4	210612.5	0.0047	NO	YES	4.68	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Copper (Dissolved)	0.0012	mg/l	0.0005	284256.4	210612.5	0.001	NO	YES	1.2	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Vanadium (Dissolved)	< 0.0005	mg/l	0.0005	284256.4	210612.5	0.02	NO	NO	0.02	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Zinc (Dissolved)	< 0.0025	mg/l	0.0025	284256.4	210612.5	0.014	NO	NO	0.18	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Selenium (Dissolved)	0.0026	mg/l	0.0005	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Acenaphthene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Phenanthrene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Fluorene	< 0.0001	mg/l	0.0001	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Naphthalene	< 0.0001	mg/l	0.0001	284256.4	210612.5	0.002	NO	NO	0.05	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Manganese (Dissolved)	0.0012	mg/l	0.0005	284256.4	210612.5	0.123	NO	NO	0.01	POINT (284256.4 210612.47)
SW5	228.3	0	1	31/01/2023	Total Of 16 PAH's	< 0.002	mg/l	0.002	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW1	218.15	0	1	17/01/2023	PAH Sum of 4 - calculated		mg/l	0.0004	283461.8	210222.5		NO	NO		POINT (283461.76 210222.53)
SW2	227.21	0	1	17/01/2023	PAH Sum of 4 - calculated		mg/l	0.0004	284166.7	210489.8		NO	NO		POINT (284166.74 210489.82)
SW3	224.97	0	1	17/01/2023	PAH Sum of 4 - calculated		mg/l	0.0004	285586.9	210282.7		NO	NO		POINT (285586.86 210282.66)
SW4	228.8	0	1	31/01/2023	PAH Sum of 4 - calculated		mg/l	0.0004	284293.7	210655		NO	NO		POINT (284293.73 210655.02)
SW5	228.3	0	1	31/01/2023	PAH Sum of 4 - calculated		mg/l	0.0004	284256.4	210612.5		NO	NO		POINT (284256.4 210612.47)
SW1	218.15	0	1	17/01/2023	pH	7.5	-	0	283461.8	210222.5	6.0-9.0		NO		POINT (283461.76 210222.53)
SW1	218.15	0	2	02/02/2023	pH	8.5	-	0	283461.8	210222.5	6.0-9.0		NO		POINT (283461.76 210222.53)
SW1	218.15	0	3	14/02/2023	pH	7	-	0	283461.8	210222.5	6.0-9.0		NO		POINT (283461.76 210222.53)
SW2	227.21	0	1	17/01/2023	pH	7.9	-	0	284166.7	210489.8	6.0-9.0		NO		POINT (284166.74 210489.82)
SW2	227.21	0	2	02/02/2023	pH	8.6	-	0	284166.7	210489.8	6.0-9.0		NO		POINT (284166.74 210489.82)
SW2	227.21	0	3	14/02/2023	pH	7.5	-	0	284166.7	210489.8	6.0-9.0		NO		POINT (284166.74 210489.82)
SW3	224.97	0	1	17/01/2023	pH	8.2	-	0	285586.9	210282.7	6.0-9.0		NO		POINT (285586.86 210282.66)
SW3	224.97	0	2	02/02/2023	pH	8.4	-	0	285586.9	210282.7	6.0-9.0		NO		POINT (285586.86 210282.66)
SW3	224.97	0	3	14/02/2023	pH	7.6	-	0	285586.9	210282.7	6.0-9.0		NO		POINT (285586.86 210282.66)
SW4	228.8	0	1	31/01/2023	pH	8.2	-	0	284293.7	210655	6.0-9.0		NO		POINT (284293.73 210655.02)
SW5	228.3	0	1	31/01/2023	pH	8.4	-	0	284256.4	210612.5	6.0-9.0		NO		POINT (284256.4 210612.47)

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K.4 Predicted No Effect Concentrations (PNECs) Calculations

Metal Bioavailability Assessment Tool (M-BAT)

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Calculate

Clear Data

INPUT DATA										RESULTS (Copper)					RESULTS (Zinc)					RESULTS (Mn)					RESULTS (Ni)				
ID	Location	Waterbody	Date	Measured Cu Concentration (dissolved) (µg l ⁻¹)	Measured Zn Concentration (dissolved) (µg l ⁻¹)	Measured Mn Concentration (dissolved) (µg l ⁻¹)	Measured Ni Concentration (dissolved) (µg l ⁻¹)	pH	DOC	Ca	Site-specific PNEC Dissolved Copper (µg l ⁻¹)	BioF	Bioavailable Copper Concentration (µg l ⁻¹)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Zinc (µg l ⁻¹)	BioF	Bioavailable Zinc Concentration (µg l ⁻¹)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Manganese (µg l ⁻¹)	BioF	Bioavailable Manganese Concentration (µg l ⁻¹)	Risk Characterisation Ratio	Site-specific PNEC Dissolved Nickel (µg l ⁻¹)	BioF	Bioavailable Nickel Concentration (µg l ⁻¹)	Risk Characterisation Ratio			
1	SW1							7.66	2.1	45	7.66	0.13			17.79	0.61			235.38	0.52			9.23	0.43					
2	SW2							8	2.1	36.66	9.65	0.18			17.36	0.63			123.00	1.00			5.29	0.29					
3	SW3							8.01	2.01	34.66	5.34	0.19			16.96	0.65			123.00	1.00			5.42	0.74					
4	SW4							8.2	2.8	22	6.37	0.16			19.16	0.57			123.00	1.00			4.28	0.93					
5	SW5							8.4	2.7	21	4.74	0.21			18.60	0.56			123.00	1.00			4.00	1.00					

Pb Screening Tool 1.0

Back

Calculate

Clear Data

INPUT DATA						RESULTS (Pb)			
ID	Location	Waterbody	Date	Measured Pb Concentration (dissolved) ($\mu\text{g l}^{-1}$)	DOC	Site Specific PNEC Dissolved Pb ($\mu\text{g l}^{-1}$)	BioF	Available Pb ($\mu\text{g l}^{-1}$)	Risk Characterisation Ratio
1		SW1			2.10	2.52	0.48	0.00	
2		SW2			2.10	2.52	0.48	0.00	
3		SW3			2.01	2.41	0.50	0.00	
4		SW4			2.80	3.36	0.36	0.00	
5		SW5			2.70	3.24	0.37	0.00	

K.5 Gas Screening

Appendix I.5
Table 2 Ground Gas Monitoring Summary

Project: GCRE
Project Number: 5209796
Client: GCRE

CS1

CS2

CS3

CS4

CS5

= Flow caused by flooding of plain pipe work section and discounted from assessment

Bore hole	Date	Oxygen (% v/v)		Methane (% v/v)		Carbon Dioxide (% v/v)		Flow (l/hr)		H ₂ S ppm	CO ppm	Pressure (during round)	DTW (m bgl)	DTB (m bgl)	Deposits Screened	Top of response zone (m bgl)	Response zone flooded?	Hazardous Gas Values (calculated using steady conc. and steady state flow)				Location	Comments (i.e. surface condition, well condition, free product, sheen, odour, weather, other)
		Min	Steady	Max	Steady	Max	Steady	Max	Steady									Methane (GSV)	Methane CS	Carbon Dioxide	Carbon Dioxide CS		
BH29	20/01/2022												0.31	15	Mdst	12	Yes					1A / N washery	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	31/01/2022	18.2	18.2	0	0	2.9	2.9	0	0.0	0	0	1018	0.83	15		12	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	22/02/2022	17.8	17.8	0	0	2.4	2.4	0	0.0	0	0	1020	0.78	15		12	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	09/03/2022	18	18	0	0	2	2	0	0.0	0	0	1015	0.7	15		12	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	23/03/2022	20.1	20.1	0	0	1	1	0	0.0	0	0	1001	0.72	15		12	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	06/04/2022	18.7	18.7	0.7	0.7	1.8	1.8	0	0.0	0	0	967	0.9	15		12	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	25/04/2022	19.2	19.2	0.3	0.3	1.5	1.5	0	0.0	0	0	989	1.04	15		12	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	20/01/2022												3.04	4	MG (Backfill)	3	No					1A / Central washery	
BH30	31/01/2022	18.4	18.4	0	0	2	2	0	0.0	0	0	1018	3.2	4		3	No	0.00	CS1	0.00	CS1		
	22/02/2022	18	18	0	0	2.4	2.4	0	0.0	0	0	1020	3.01	4		3	No	0.00	CS1	0.00	CS1		
	09/03/2022	18.2	18.2	0	0	2	2	0	0.0	0	0	1015	2.95	4		3	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	23/03/2022	18.5	18.5	0.2	0.2	1.8	1.8	0.2	0.2	0	0	1001	2.8	4		3	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	06/04/2022	3.2	3.2	0.8	0.8	5.2	5.2	0.4	0.4	0	0	967	3.1	4		3	No	0.00	CS1	0.02	CS2*		
	25/04/2022	20.2	20.2	0.4	0.4	0	0	0.1	0.1	0	0	989	3.6	4		3	No	0.00	CS1	0.00	CS1		
	20/01/2022												4.16	5	MG (Backfill)	1	No					2A / Central washery	
BH31 (Shallow)	31/01/2022	20	20	0	0	0.2	0.2	0	0.0	0	0	1018	4.15	5		1	No	0.00	CS1	0.00	CS1		
	22/02/2022	19.4	19.4	0	0	1.2	1.2	0	0.0	0	0	1020	4.1	5		1	No	0.00	CS1	0.00	CS1		
	09/03/2022	17.8	17.8	0	0	0.5	0.5	0	0.0	0	0	1015	4.1	5		1	No	0.00	CS1	0.00	CS1		
	23/03/2022	17	17	0	0	3.5	3.5	0	0.0	0	0	1001	4.1	5		1	No	0.00	CS1	0.00	CS1		
	06/04/2022	16.1	16.1	0	0	4.6	4.6	0.05	0.1	0	0	967	Dry	5		1	No	0.00	CS1	0.00	CS1		
	25/04/2022	16.3	16.3	0.1	0.1	4.8	4.8	-0.08	-0.1	0	0	989	4.6	5		1	No	0.00	CS1	0.00	CS1		
	20/01/2022												4.59	21	Mdst	16	Yes					2A / Central washery	Flooded and flow considered unreliable
BH31 (Deep)	31/01/2022	19.9	19.9	0	0	1.2	1.2	0	0.0	0	0	1018	4.5	21		16	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	22/02/2022	18.6	18.6	0	0	2.1	2.1	0	0.0	0	0	1020	4.3	21		16	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	09/03/2022	20.1	20.1	0	0	1	1	0	0.0	0	0	1015	4.28	21		16	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	23/03/2022	21	21	0.1	0.1	0	0	0	0.0	0	0	1001	4.2	21		16	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	06/04/2022	21.3	21.3	0.1	0.1	0	0	0.05	0.1	0	0	967	4.9	21		16	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	25/04/2022	20.4	20.4	0.1	0.1	0.1	0.1	-0.08	-0.1	0	0	989	4.9	21		16	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	20/01/2022												2.91	17.5	Coal/conglomera te	12.5	Yes	0.00	CS1	0.00	CS1	S Washery	Flooded and flow considered unreliable
BH32	31/01/2022	17.5	17.5	0	0	3.1	3.1	0	0.0	0	0	1018	4.76	17.5		12.5	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	22/02/2022	16.8	16.8	0	0	2.9	2.9	0	0.0	0	0	1020	3.79	17.5		12.5	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	09/03/2022	16.4	16.4	0	0	3.3	3.3	0	0.0	0	0	1015	3.88	17.5		12.5	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	23/03/2022	19	19	0	0	2.5	2.5	0	0.0	0	0	1001	3.75	17.5		12.5	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	06/04/2022	18.8	18.8	2.3	2.3	1.6	1.6	25.2	25.2	0	0	967	4.05	17.5		12.5	Yes	0.58	CS2	0.40	CS2		Flooded and flow considered unreliable
	25/04/2022	18.7	18.7	2	2	1.5	1.5	8.7	8.7	0	0	989	3.48	17.5		12.5	Yes	0.17	CS2	0.13	CS2		Flooded and flow considered unreliable
	20/01/2022												0.1	20	Mdst	15	Yes					1A / NW Washery	Flooded and flow considered unreliable
BH33 (1A)	31/01/2022	18.9	18.9	0	0	1.8	1.8	0	0.0	0	0	1018	0.41	20		15	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	22/02/2022	17.3	17.3	0	0	2.8	2.8	0	0.0	0	0	1020	0.25	20		15	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	09/03/2022	17.9	17.9	0	0	1.8	1.8	0	0.0	0	0	1015	0.35	20		15	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	23/03/2022	18.5	18.5	0.1	0.1	1.5	1.5	0	0.0	0	0	1001	0.3	20		15	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	06/04/2022	20.7	20.7	0.1	0.1	0.5	0.5	0.3	0.3	0	0	967	0.7	20		15	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable
	25/04/2022	20.9	20.9	0.1	0.1	0	0	0.1	0.1	0	0	989	1.1	20		15	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable

Appendix I.5
Table 2 Ground Gas Monitoring Summary

Project: GCRE
Project Number: 5209796
Client: GCRE

CS1

CS2

CS3

CS4

CS5

= Flow caused by flooding of plain pipe work section and discounted from assessment

Bore hole	Date	Oxygen (% v/v)		Methane (% v/v)		Carbon Dioxide (% v/v)		Flow (l/hr)		H ₂ S ppm	CO ppm	Pressure (during round)	DTW (m bgl)	DTB (m bgl)	Deposits Screened	Top of response zone (m bgl)	Response zone flooded?	Hazardous Gas Values (calculated using steady conc. and steady state flow)				Location	Comments (i.e. surface condition, well condition, free product, sheen, odour, weather, other)
		Min	Steady	Max	Steady	Max	Steady	Max	Steady									Methane (GSV)	Methane CS	Carbon Dioxide	Carbon Dioxide CS		
BH34 (Shallow)	20/01/2022												2.72	3.3	MG (Backfill) with peat	1	No						
	31/01/2022	17.9	17.9	0	0	1.9	1.9	0	0.0	0	0	1018	2.85	3.3		1	No	0.00	CS1	0.00	CS1		
	22/02/2022	18.1	18.1	0	0	2.1	2.1	0	0.0	0	0	1020	2.68	3.3		1	No	0.00	CS1	0.00	CS1		
	09/03/2022	18.9	18.9	0	0	1.5	1.5	0	0.0	0	0	1015	2.6	3.3		1	No	0.00	CS1	0.00	CS1		
	23/03/2022	18.9	18.9	0	0	1.2	1.2	0	0.0	0	0	1001	2.68	3.3		1	No	0.00	CS1	0.00	CS1		
	06/04/2022	18.9	18.9	0.6	0.6	2.4	2.4	0	0.0	0	0	967	2.9	3.3		1	No	0.00	CS1	0.00	CS1		
	25/04/2022	10.4	10.4	0.3	0.3	5.4	5.4	0.1	0.1	0	0	989	2.73	3.3		1	No	0.00	CS1	0.01	CS1		
	20/01/2022												4.82	13		11	Yes						
BH34 (Deep)	31/01/2022	16.9	16.9	0	0	3.5	3.5	0	0.0	0	0	1018	5.09	13	Slstst	11	Yes	0.00	CS1	0.00	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	22/02/2022	15.3	15.3	0	0	2.8	2.8	0	0.0	0	0	1020	4.5	13		11	Yes	0.00	CS1	0.00	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	09/03/2022	15.9	15.9	0	0	3	3	0	0.0	0	0	1015	4.6	13		11	Yes	0.00	CS1	0.00	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	23/03/2022	16.5	16.5	0	0	2.1	2.1	0	0.0	0	0	1001	4.55	13		11	Yes	0.00	CS1	0.00	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	06/04/2022	4.9	4.9	60.3	60.3	2.1	2.1	0	0.0	0	0	967	5.1	13		11	Yes	0.00	CS2*	0.00	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	25/04/2022	5.2	5.2	42.8	42.8	2.8	2.8	0	0.0	0	0	989	5.83	13		11	Yes	0.00	CS2*	0.00	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	09/01/2023	19.1	19.1	0.1	0.1	1.4	1.4	-7.3	-7.3	1.5	23	979	10.44	13.74		11	Yes	-0.04	CS1	-0.40	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	31/01/2023	18.9	18.9	0	0.1	1.5	1.5	6.5	6.5	0	2	998	10.66	13.61		11	Yes	0.04	CS1	0.40	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
S1-BH101	17/02/2023	18.8	18.9	0.1	0.1	1	1.5	3	3.0	0	3	1000	10.66	13.47	Made Ground	11	Yes	0.00	CS1	0.03	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	09/01/2023	14.4	14.4	8.5	8.2	4.5	4.5	-8.8	-8.8	0	2	978	0.5	8.77		6	Yes	-0.72	CS2*	-0.40	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
S1-BH102	31/01/2023	18.9	18.9	2.7	2.7	3.6	3.6	-2.8	-2.8	0	1	1000	0.64	8.85	Coal Formation	6	Yes	-0.08	CS2*	-0.40	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	13/02/2023	16.6	16.6	8.9	8.9	2	2	6.2	6.2	0	1	1006	0.68	8.75		6	Yes	0.55	CS2*	0.12	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
S1-BH103	09/01/2023	15.9	15.9	0	0	4.7	4.7	0.2	0.2	0	0	978	2.85	5.75	Made Ground	2	No	0.00	CS1	0.01	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	31/01/2023	18.9	18.9	0	0	4	4	0	0.0	0	0	999	3.3	5.52		2	No	0.00	CS1	0.00	CS1		
S1-BH105	14/02/2023	17.9	17.9	0.2	0.2	4.4	4.4	0.1	0.1	0	0	1003	3.4	5.52	Made Ground	2	No	0.00	CS1	0.00	CS1		
	09/01/2023	5	5	25.9	25.8	3.9	3.9	-8.3	-8.3	0	1	977	6.3	15.5		11	Yes	-2.44	CS3	-0.32	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	31/01/2023	9.3	9.3	21	21	3.6	3.6	5.5	5.5	0	88	999	6.42	15.36		11	Yes	1.16	CS3	0.20	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	14/02/2023	6.5	6.5	35.1	34.1	3.8	3.8	3.9	3.9	0	10	1003	6.46	15.36		11	Yes	1.33	CS3	0.15	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
S1-BH108	09/01/2023	20.6	20.7	0	0.1	0.9	0.6	-3.4	-3.4	0	0	976	1.19	15.6	Coal Formation	13	Yes	0.00	CS1	-0.03	CS1	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
	31/01/2023	20.3	20.3	0.1	0.1	2.8	2.8	-6.2	-6.2	0	10	999	2.13	15.46		13	Yes	-0.04	CS1	-0.17	CS2	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater	
S1-BH112 (s)	09/01/2023	9	9	0.1	0.1	1.4	1.4	0.2	0.2	0	0	978	2.41	3.37	Made Ground	1	No	0.00	CS1	0.00	CS1	1A / E Washery	
	14/02/2023	14.8	14.8	0.2	0.2	2	2	0.2	0.2	0	1	1001	3.2	3.41		1	No	0.00	CS1	0.00	CS1		
S1-BH112 (d)	09/01/2023	8.5	8.5	0.2	0.2	2.3	2.3	-3	-3.0	0	1	978	8.87	15.12	Coal Formation	8	No	-0.01	CS1	-0.07	CS1	1A / E Washery	
	14/02/2023	17.1	17.2	0.2	0.1	0.9	0.9	0.3	0.3	0	2	1001	10.13	15.17		8	No	0.00	CS1	0.00	CS1		
S1-BH113	09/01/2023	1.8	4.5	4.5	0.2	4.5	4.5	0.3	0.3	0	6	978	3.69	5.53	Made Ground	3	No	0.00	CS1	0.01	CS1	1A / NE Washery	
	31/01/2023	7	7	0.1	0	4	4	0.2	0.2	0	0	999	4.66	5.54		3	No	0.00	CS1	0.01	CS1		
	14/02/2023	9.5	9.6	0.4	0.2	5.4	5.4	0.2	0.2	0	1	1003	5.49	5.49		3	No	0.00	CS1	0.01	CS2*		
S1-BH121	09/01/2023	20.1	20.1	0.3	0.3	2	2	-12	-12.0	0	0	977	0.45	3.31	Made Ground	2	Yes	-0.04	CS1	-0.34	CS2	1A / NW Washery	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	31/01/2023	21.2	21.2	0.1	0.1	1.2	0.5	3.9	3.9	0	0	1000	0.61	3.22		2	Yes	0.00	CS1	0.05	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	13/02/2023	19.5	19.5	0.4	0.2	1.9	1.9	5.6	5.6	0	0	1006	0.67	3.28		2	Yes	0.04	CS1	0.11	CS2		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	09/01/2023	19.4	19.4	0.3	0.3	2.2	2.2	-2.1	-2.1	0	0	978	0.15	1.77		1	Yes	-0.04	CS1	-0.05	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
S1-BH122	31/01/2023	19.9	19.9	0	0	1.7	1.7	11	11.0	0	0	1000	0.25	1.76	Made Ground	1	Yes	0.00	CS1	0.19	CS2	1A / N washery	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	13/02/2023	18.9	18.9	0.2	0.2	1.8	1.8	7.5	7.5	1	2	1005	0.34	1.76		1	Yes	0.02	CS1	0.44	CS2		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	09/01/2023	15.8	15.8	0.3	0.2	3.7	3.6	-6.8	-6.8	0	2	979	10.2	13.75		10	No	-0.01	CS1	-0.25	CS2		
	31/01/2023	17.8	17.8	0.2	0.2	2.2	2.2	7	7.0	0	2	1000	11.28	13.65		10	No	0.01	CS1	0.15	CS2		
SOP003.16	14/02/2023	17.4	17.4	0.3	0.2	1.7	1.7	3.4	3.4	0	2	1002	11.38	13.66	SW L Coal Formation	10	No	0.01	CS1	0.06	CS1	1A / E Washery	
	27/06/2023	20.1	20.1	1.7	1.7	0.6	0.6	-0.1	0	0	0	996	1.37	3.6		1	No	0.00	CS2*	0.00	CS1		
	25/07/2023	13.8	13.8	0.2	0.2	5.5	5.5		0.2	0	0	985	1.89	3.6		1	No	0.00	CS1	0.01	CS2*		
	22/08/2023	15	15	0.1	0.1	6.5	6.5		0.2	0	0	995	1.46	3.7		1	No	0.00	CS1	0.01	CS2*		
S2-BH239 (Shallow)	27/06/2023	17.7	19.5	1.7	1.6	1.8	1.5	4.4	2	1	1	997	2.2	7.6	SWCM	7	Yes	0.07	CS2	0.08	CS2	2A / Central washery	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	25/07/2023	16	16	0.2	0.2	5.1	5.1		6.9	0	2	985	1.74	7.8		7	Yes	0.04	CS1	0.35	CS2*		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	22/08/2023	15.2	15.2	0.2	0.2	6.1	6.1			0	3	996	1.92	7.59		7	Yes	0.00	CS1	0.00	CS2*		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	27/06/2023	15.3	15.4	1.8	1.7	5	5		0.2	0	0	996	2.01	5.16		1	No	0.00	CS2*	0.01	CS1		
S2-BH240	24/07/2023	4	4	0.1	0.1	11.2	11.2	7.0															

Appendix I.5
Table 2 Ground Gas Monitoring Summary

Project: GCRE
Project Number: 5209796
Client: GCRE

CS1

CS2

CS3

CS4

CS5

 = Flow caused by flooding of plain pipe work section and discounted from assessment

Bore hole	Date	Oxygen (% v/v)		Methane (% v/v)		Carbon Dioxide (% v/v)		Flow (l/hr)		H ₂ S ppm	CO ppm	Pressure (during round)	DTW (m bgl)	DTB (m bgl)	Deposits Screened	Top of response zone (m bgl)	Response zone flooded?	Hazardous Gas Values (calculated using steady conc. and steady state flow)				Location	Comments (i.e. surface condition, well condition, free product, sheen, odour, weather, other)
		Min	Steady	Max	Steady	Max	Steady	Max	Steady									Methane (GSV)	Methane CS	Carbon Dioxide	Carbon Dioxide CS		
S2-BH252(Shallow)	26/06/2023	16.4	16.4	1.7	1.6	4.1	4.1		0.1	1	0	997	Dry	2.54	Made Ground	1	No	0.00	CS2*	0.00	CS1	2A / S Washery	
	25/07/2023	18.8	19.6	0	0	2	1.9		0.0	0	0	988	Dry	2.58		1	No	0.00	CS1	0.00	CS1		
	22/08/2023	15.2	15.2	0.1	0	5.2	5.1		0.0	0	0	994	Dry	2.55		1	No	0.00	CS1	0.00	CS2*		
S2-BH252(Deep)	26/06/2023	18.9	18.9	1.6	1.6	2.1	2		5.3	2	4	997	5.41	8.63	SWCM	6	Yes	0.08	CS2*	0.11	CS2	2A / S Washery	Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	25/07/2023	19.7	19.7	0	0	1.5	1.5		5.3	1	5	987	4.07	8.87		6	Yes	0.00	CS1	0.08	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	22/08/2023	19.1	19.2	0	0	1.6	1.6		7.3	0	2	994	4.5	9		6	Yes	0.00	CS1	0.12	CS2		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
S2-BH261(Deep)	27/06/2023	18.7	18.8	1.7	1.7	1.9	1.3		0.3	0	0	994	11.58	14.32	SWCM	10	No	0.01	CS2*	0.01	CS1	1A / E Washery	
	25/07/2023	9.9	9.9	0	0	3.9	3.9		1.9	1	2	987	9.72	14.08		10	Yes	0.00	CS1	0.07	CS2		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
	22/08/2023	11.9	11.9	0.1	0.1	2.8	2.8			0	1	995	9.56	14.06		10	Yes	0.00	CS1	0.00	CS1		Flooded and flow considered unreliable, gas concentration potentially indicated elevated gases dissolved in groundwater
S2-BH261(Deep)	27/06/2023	14.4	14.2	1.7	1.7	4.3	3.9		0.0	0	0	994	Dry	7.62		3	No	0.00	CS2*	0.00	CS1		

Project: GCRE
Project Number: 5209796
Client: GCRE

CS1CS2CS3CS4CS5

= Flow caused by flooding of plain pipe work section and discounted from assessment

Bore hole	Date	Oxygen (% v/v)		Methane (% v/v)		Carbon Dioxide (% v/v)		Flow (l/hr)		H ₂ S ppm	CO ppm	Pressure (during round)	DTW (m bgl)	DTB (m bgl)	Deposits Screened	Top of response zone (m bgl)	Response zone flooded?	Hazardous Gas Values (calculated using steady conc. and steady state flow)				Location	Comments (i.e. surface condition, well condition, free product, sheen, odour, weather, other)
		Min	Steady	Max	Steady	Max	Steady	Max	Steady									Methane (GSV)	Methane CS	Carbon Dioxide	Carbon Dioxide CS		
BH261(Shallow)	25/07/2023	12.9	12.9	0	0	4.1	4		0.0	1	1	988	4.46	7.7	Made Ground	3	No	0.00	CS1	0.00	CS1	1A / E Washery	
	22/08/2023	13.4	13.5	0.1	0.1	4	4		0.2	0	0	995	Dry	7.81		3	No	0.00	CS1	0.01	CS1		

Appendix L. Waste Classification Report

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:

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



7MIZE-QOVYQ-BZ7OH

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

Job name

GCRE - Washery Phase 2

Description/Comments

- 1) Soil sample Chemtest lab reports : 23-10933, 23-10937, 23-11153, 23-11162, 23-11164, 23-11337, 23-11497, 23-11523, 23-11739, 23-11742, 23-11744, 23-11876, 23-11973, 23-11982, 23-12184, 23-12238, 23-12253, 23-12807, 23-14037, 23-14046, 23-14214, 23-15250, 23-15565, 23-16018, 23-16084, 23-16331 and 23-15766
- 2) WAC sample Chemtest lab reports : 23-10937, 23-11162, 23-11497, 23-11742, 23-11876, 23-12238, 23-12979, 23-13112, 23-13121, 23-13130, 23-14257, 23-15303, 23-15766, 23-16333 and 23-11337
- 3) Hydrocarbon odour noted within Made Ground of S2-BH239, S2-BH244 and S2-BH248

Project

GCRE - Washery Phase 2

Site

Washery Phase 2

Classified by

Name: **Siddharthan T**
 Date: **12 Mar 2024 06:30 GMT**
 Telephone: **+91 9994887121**
 Company: **AtkinsRéalis**
9th floor, Safina Towers 3, Ali Asker Road,
Vasanth Nagar,
Bengaluru, Karnataka,

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:

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Course
 Hazardous Waste Classification

Date
 03 Aug 2023

Next 3 year Refresher due by Aug 2026

Purpose of classification

2 - Material Characterisation

Address of the waste

Chester Street, Onllwyn, Banwen, Neath Port Talbot, Wales

Post Code SA10 9HT

SIC for the process giving rise to the waste

42990 Construction of other civil engineering projects n.e.c.

Description of industry/producer giving rise to the waste

Construction of new rail testing/training center, storage and maintenance facility

Description of the specific process, sub-process and/or activity that created the waste

Construction of new rail testing/training center, storage and maintenance facility

Description of the waste

Made Ground

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	WAC Results			Page
					Inert	SNRHW	Hazardous	
1	S2-BH244	0.5	Non Hazardous		-	-	-	4
2	S2-BH244[2]	1	Non Hazardous		-	-	-	7
3	S2-BH244[3]	1.8	Non Hazardous		-	-	-	10
4	S2-BH244[4]	5.3	Non Hazardous		-	-	-	13
5	S2-BH244[5]	8.3	Non Hazardous		-	-	-	16
6	S2-BH246	0.2	Non Hazardous		-	-	-	19
7	S2-TP276	0.3	Non Hazardous		-	-	-	22
8	S2-TP276[2]	0.9	Non Hazardous		Fail	Fail	N/A	25
9	S2-TP276[3]	3.9	Non Hazardous		-	-	-	29
10	S2-BH249	0.6	Non Hazardous		-	-	-	32
11	S2-BH249[2]	1.1	Non Hazardous		-	-	-	35
12	S2-TP2101	0.2	Non Hazardous		-	-	-	38
13	S2-TP2101[2]	2.9	Non Hazardous		Fail	Fail	N/A	41
14	S2-TP2101[3]	3.9	Non Hazardous		-	-	-	45
15	S2-TP2112	0.2	Non Hazardous		-	-	-	48
16	S2-TP2112[2]	0.9	Non Hazardous		Fail	Fail	N/A	51
17	S2-TP2112[3]	2.9	Non Hazardous		-	-	-	55
18	S2-BH246[2]	1.5	Non Hazardous		-	-	-	58
19	S2-BH246[3]	3.7	Non Hazardous		-	-	-	61
20	S2-TP268	0.5	Non Hazardous		-	-	-	64
21	S2-TP268[2]	1.9	Non Hazardous		-	-	-	67
22	S2-TP277	0.2	Non Hazardous		Fail	Fail	N/A	70
23	S2-TP277[2]	0.5	Non Hazardous		-	-	-	74
24	S2-TP277[3]	1.9	Non Hazardous		-	-	-	77
25	S2-TP294	0.2	Non Hazardous		-	-	-	80
26	S2-TP294[2]	0.9	Non Hazardous		-	-	-	83
27	S2-TP294[3]	2.9	Non Hazardous		Fail	Pass	N/A	86
28	S2-TP261	0.2	Non Hazardous		-	-	-	90
29	S2-TP261[2]	0.9	Non Hazardous		Fail	Fail	N/A	93
30	S2-TP261[3]	2.9	Non Hazardous		-	-	-	97
31	S2-TP266	0.2	Non Hazardous		-	-	-	100
32	S2-TP266[2]	0.9	Non Hazardous		-	-	-	103
33	S2-TP266[3]	1.9	Non Hazardous		-	-	-	106
34	S2-BH245	0.2	Non Hazardous		-	-	-	109
35	S2-BH245[2]	0.9	Non Hazardous		-	-	-	112
36	S2-BH249[3]	1.5	Non Hazardous		-	-	-	115
37	S2-BH249[4]	3.2	Non Hazardous		-	-	-	118
38	S2-TP263	0.2	Non Hazardous		-	-	-	121
39	S2-TP263[2]	0.9	Non Hazardous		Fail	Fail	N/A	124
40	S2-TP263[3]	2.7	Non Hazardous		-	-	-	128
41	S2-TP267	0.5	Non Hazardous		-	-	-	131
42	S2-TP267[2]	1.4	Non Hazardous		-	-	-	134
43	S2-BH245[3]	1.7	Non Hazardous		-	-	-	137
44	S2-BH245[4]	3.6	Non Hazardous		-	-	-	140
45	S2-TP262	0.2	Non Hazardous		-	-	-	143
46	S2-TP262[2]	0.9	Non Hazardous		Fail	Fail	N/A	146
47	S2-TP260	0.2	Non Hazardous		-	-	-	150
48	S2-TP260[2]	0.5	Non Hazardous		-	-	-	153
49	S2-TP260[3]	1.9	Non Hazardous		Pass	Pass	N/A	156
50	S2-TP275	1.9	Non Hazardous		-	-	-	160
51	S2-TP271	0.2	Non Hazardous		-	Fail	N/A	163
52	S2-TP271[2]	0.9	Non Hazardous		-	-	-	167
53	S2-TP271[3]	1.9	Non Hazardous		-	-	-	170
54	S2-TP270	0.2	Non Hazardous		-	-	-	173
55	S2-TP270[2]	0.5	Hazardous	HP 7	-	-	-	176
56	S2-TP270[3]	0.9	Non Hazardous		-	-	-	179
57	S2-BH250	0.2	Non Hazardous		-	Fail	N/A	182
58	S2-BH250[2]	0.9	Non Hazardous		-	-	-	186
59	S2-BH248	0.5	Non Hazardous		-	-	-	189
60	S2-TP2100	0.2	Non Hazardous		-	Fail	N/A	192
61	S2-TP2100[2]	0.9	Non Hazardous		-	-	-	196
62	S2-TP2100[3]	3.9	Non Hazardous		-	-	-	199

#	Sample name	Depth [m]	Classification Result	Hazard properties	WAC Results			Page
					Inert	SNRHW	Hazardous	
63	S2-TP2110	0.2	Hazardous	HP 7, HP 11	-	-	-	202
64	S2-TP2110[2]	0.9	Non Hazardous		-	-	-	205
65	S2-TP2110[3]	2.9	Non Hazardous		-	-	-	208
66	S2-BH252	0.5	Non Hazardous		-	Fail	N/A	211
67	S2-BH252[2]	1.1	Non Hazardous		-	-	-	215
68	S2-TP2115	0.2	Non Hazardous		-	-	-	218
69	S2-TP2115[2]	2.9	Non Hazardous		Fail	Fail	N/A	221
70	S2-TP2115[3]	0.9	Non Hazardous		-	-	-	225
71	S2-BH242	3.1	Non Hazardous		-	-	-	228
72	S2-BH261	0.2	Non Hazardous		-	-	-	231
73	S2-BH261[2]	0.9	Non Hazardous		-	-	-	234
74	S2-BH250[3]	1.5	Non Hazardous		-	-	-	237
75	S2-BH250[4]	3.5	Non Hazardous		-	-	-	240
76	S2-TP279	0.5	Non Hazardous		-	-	-	243
77	S2-TP279[2]	1.9	Non Hazardous		-	-	-	246
78	S2-BH247	0.2	Non Hazardous		-	-	-	249
79	S2-TP240	0.5	Non Hazardous		-	-	-	252
80	S2-TP240[2]	2.3	Non Hazardous		-	-	-	255
81	S2-TP242	0.2	Non Hazardous		-	-	-	258
82	S2-TP242[2]	1.9	Non Hazardous		-	-	-	261
83	S2-BH243	3.5	Non Hazardous		-	-	-	264
84	S2-BH240	1.2	Non Hazardous		-	-	-	266
85	S2-BH240[2]	4.2	Non Hazardous		-	-	-	269
86	S2-BH239	4.5	Non Hazardous		-	-	-	271
87	S2-TP288	0.2	Non Hazardous		-	-	-	273
88	S2-TP288[2]	1.9	Non Hazardous		-	-	-	275
89	S2-TP2108	0.5	Non Hazardous		-	-	-	277
90	S2-TP2108[2]	1.9	Non Hazardous		-	-	-	280
91	S2-TP2114	0.2	Non Hazardous		-	-	-	283
92	S2-TP2114[2]	2.9	Non Hazardous		-	-	-	286
93	S2-TP256	0.2	Non Hazardous		-	-	-	289
94	S2-TP256[2]	1.8	Non Hazardous		-	-	-	292
95	S2-TP2107	0.2	Non Hazardous		-	Fail	N/A	295
96	S2-TP2107[2]	0.9	Non Hazardous		-	-	-	299
97	S2-TP2113	0.2	Non Hazardous		-	-	-	302
98	S2-TP2113[2]	0.9	Non Hazardous		-	-	-	305
99	S2-TP272	0.2	Non Hazardous		-	-	-	308
100	S2-TP272[2]	1.8	Non Hazardous		-	-	-	311
101	S2-TP2104	0.2	Non Hazardous		-	-	-	314
102	S2-TP2104[2]	0.9	Non Hazardous		-	Fail	N/A	317
103	S2-TP284	0.2	Non Hazardous		-	-	-	321
104	S2-TP284[2]	1.9	Non Hazardous		-	-	-	324
105	S2-TP289b	0.5	Non Hazardous		-	-	-	327

Related documents

#	Name	Description
1	General Contaminated Soils - Heavy Metals, Asbestos, Cyanide, PAHs, TPH	waste stream template used to create this Job

WAC results

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate the samples in this Job: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

Report

Created by: Siddharthan T

Created date: 12 Mar 2024 06:30 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	330
Appendix B: Rationale for selection of metal species	331
Appendix C: Version	332

Classification of sample: S2-BH244

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

Sample details

Sample name:	LoW Code:
S2-BH244	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
5.8%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 5.8% Wet Weight 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	pH		PH		8.7 pH		8.7 pH	8.7 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	16 mg/kg	1.32	19.9 mg/kg	0.00199 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.18 mg/kg	1.142	0.194 mg/kg	0.0000194 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	6.2 mg/kg	1.462	8.536 mg/kg	0.000854 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	45 mg/kg	1.126	47.726 mg/kg	0.00477 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.21 mg/kg	1.353	0.268 mg/kg	0.0000268 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	35 mg/kg	2.022	66.679 mg/kg	0.00667 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			30 mg/kg		28.26 mg/kg	0.00283 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.3 mg/kg	2.554	3.127 mg/kg	0.000313 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	9.2 mg/kg	1.785	15.471 mg/kg	0.00155 %	✓	

#		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		zinc { zinc oxide }				72 mg/kg	1.245	84.421 mg/kg	0.00844 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				70 mg/kg		65.94 mg/kg	0.00659 %	✓	
				TPH							
16		naphthalene				0.22 mg/kg		0.207 mg/kg	0.0000207 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.45 mg/kg		0.424 mg/kg	0.0000424 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.11 mg/kg		0.104 mg/kg	0.0000104 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				0.75 mg/kg		0.707 mg/kg	0.0000706 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.75 mg/kg		0.707 mg/kg	0.0000706 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				0.3 mg/kg		0.283 mg/kg	0.0000283 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				0.41 mg/kg		0.386 mg/kg	0.0000386 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				0.48 mg/kg		0.452 mg/kg	0.0000452 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				0.15 mg/kg		0.141 mg/kg	0.0000141 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				0.42 mg/kg		0.396 mg/kg	0.0000396 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				0.31 mg/kg		0.292 mg/kg	0.0000292 %	✓	
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				1.7 µg/kg		0.0016 mg/kg	0.00000016 %	✓	
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

benzene: (conc.: 1.6e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00659%)

Classification of sample: S2-BH244[2]

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

Sample details

Sample name:	LoW Code:
S2-BH244[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.7% Wet Weight 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	pH				9.2 pH		9.2 pH	9.2 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				6.4 mg/kg	1.32	7.884 mg/kg	0.000788 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.17 mg/kg	1.142	0.181 mg/kg	0.0000181 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.6 mg/kg	1.462	10.364 mg/kg	0.00104 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				40 mg/kg	1.126	42.018 mg/kg	0.0042 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.09 mg/kg	1.353	0.114 mg/kg	0.0000114 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				26 mg/kg	2.022	49.06 mg/kg	0.00491 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	33 mg/kg		30.789 mg/kg	0.00308 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2.3 mg/kg	2.554	5.48 mg/kg	0.000548 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				9.5 mg/kg	1.785	15.823 mg/kg	0.00158 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				78 mg/kg	1.245	90.583 mg/kg	0.00906 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				82 mg/kg		76.506 mg/kg	0.00765 %		✓	
			TPH								
16	naphthalene				3.5 mg/kg		3.266 mg/kg	0.000327 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				3.2 mg/kg		2.986 mg/kg	0.000299 %		✓	
		201-469-6	83-32-9								
19	fluorene				2.6 mg/kg		2.426 mg/kg	0.000243 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				10 mg/kg		9.33 mg/kg	0.000933 %		✓	
		201-581-5	85-01-8								
21	anthracene				3.8 mg/kg		3.545 mg/kg	0.000355 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				5.2 mg/kg		4.852 mg/kg	0.000485 %		✓	
		205-912-4	206-44-0								
23	pyrene				3.9 mg/kg		3.639 mg/kg	0.000364 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.81 mg/kg		0.756 mg/kg	0.0000756 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				1 mg/kg		0.933 mg/kg	0.0000933 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.34 mg/kg		0.317 mg/kg	0.0000317 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.66 mg/kg		0.616 mg/kg	0.0000616 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
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)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00765%)

Classification of sample: S2-BH244[3]

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

Sample details

Sample name:	LoW Code:
S2-BH244[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.8 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.8%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.8% Wet Weight 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	pH		PH		8.5 pH		8.5 pH	8.5 pH		
2	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]	0.58 mg/kg	5.719	3.092 mg/kg	0.000309 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	15 mg/kg	1.32	18.458 mg/kg	0.00185 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.14 mg/kg	1.142	0.149 mg/kg	0.0000149 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	13 mg/kg	1.462	17.708 mg/kg	0.00177 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	32 mg/kg	1.126	33.578 mg/kg	0.00336 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.09 mg/kg	1.353	0.114 mg/kg	0.0000114 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	35 mg/kg	2.022	65.971 mg/kg	0.0066 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			40 mg/kg		37.28 mg/kg	0.00373 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.94 mg/kg	2.554	2.237 mg/kg	0.000224 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	19 mg/kg	1.785	31.612 mg/kg	0.00316 %	✓	

#		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		zinc { zinc oxide }				59 mg/kg	1.245	68.444 mg/kg	0.00684 %	✓		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				390.98 mg/kg		364.393 mg/kg	0.0364 %	✓		
				TPH								
16		naphthalene				2.9 mg/kg		2.703 mg/kg	0.00027 %	✓		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				0.27 mg/kg		0.252 mg/kg	0.0000252 %	✓		
			205-917-1	208-96-8								
18		acenaphthene				3.7 mg/kg		3.448 mg/kg	0.000345 %	✓		
			201-469-6	83-32-9								
19		fluorene				1.5 mg/kg		1.398 mg/kg	0.00014 %	✓		
			201-695-5	86-73-7								
20		phenanthrene				22 mg/kg		20.504 mg/kg	0.00205 %	✓		
			201-581-5	85-01-8								
21		anthracene				3.9 mg/kg		3.635 mg/kg	0.000363 %	✓		
			204-371-1	120-12-7								
22		fluoranthene				14 mg/kg		13.048 mg/kg	0.0013 %	✓		
			205-912-4	206-44-0								
23		pyrene				10 mg/kg		9.32 mg/kg	0.000932 %	✓		
			204-927-3	129-00-0								
24		benzo[a]anthracene				3 mg/kg		2.796 mg/kg	0.00028 %	✓		
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				2.8 mg/kg		2.61 mg/kg	0.000261 %	✓		
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				4 mg/kg		3.728 mg/kg	0.000373 %	✓		
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				1 mg/kg		0.932 mg/kg	0.0000932 %	✓		
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				2.7 mg/kg		2.516 mg/kg	0.000252 %	✓		
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				1.6 mg/kg		1.491 mg/kg	0.000149 %	✓		
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				1.9 mg/kg		1.771 mg/kg	0.000177 %	✓		
			205-883-8	191-24-2								
32		benzene				1.3 µg/kg		0.0012 mg/kg	0.000000121 %	✓		
		601-020-00-8	200-753-7	71-43-2								
33		toluene				2.7 µg/kg		0.0025 mg/kg	0.000000252 %	✓		
		601-021-00-3	203-625-9	108-88-3								
34		xylene				1.3 µg/kg		0.0012 mg/kg	0.000000121 %	✓		
		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]								
35		phenol				0.43 mg/kg		0.401 mg/kg	0.0000401 %	✓		
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0716 %			

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinands:

benzene: (conc.: 1.21e-07%)

toluene: (conc.: 2.52e-07%)

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0364%)

xylene: (conc.: 1.21e-07%)

Classification of sample: S2-BH244[4]

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

Sample details

Sample name:	LoW Code:
S2-BH244[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
5.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
26%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 26% Wet Weight 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	pH				7.8 pH		7.8 pH	7.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.44 mg/kg	5.719	1.862 mg/kg	0.000186 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				11 mg/kg	1.32	10.747 mg/kg	0.00107 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.101 mg/kg	0.0000101 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	14.06 mg/kg	0.00141 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				29 mg/kg	1.126	24.162 mg/kg	0.00242 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				20 mg/kg	2.022	29.932 mg/kg	0.00299 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18 mg/kg		13.32 mg/kg	0.00133 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.73 mg/kg	2.554	1.38 mg/kg	0.000138 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				14 mg/kg	1.785	18.495 mg/kg	0.00185 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				59 mg/kg	1.245	54.344 mg/kg	0.00543 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				99 mg/kg		73.26 mg/kg	0.00733 %		✓	
			TPH								
16	naphthalene				21 mg/kg		15.54 mg/kg	0.00155 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.26 mg/kg		0.192 mg/kg	0.0000192 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				19 mg/kg		14.06 mg/kg	0.00141 %		✓	
		201-469-6	83-32-9								
19	fluorene				15 mg/kg		11.1 mg/kg	0.00111 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				49 mg/kg		36.26 mg/kg	0.00363 %		✓	
		201-581-5	85-01-8								
21	anthracene				7.7 mg/kg		5.698 mg/kg	0.00057 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				19 mg/kg		14.06 mg/kg	0.00141 %		✓	
		205-912-4	206-44-0								
23	pyrene				14 mg/kg		10.36 mg/kg	0.00104 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				4 mg/kg		2.96 mg/kg	0.000296 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				3.6 mg/kg		2.664 mg/kg	0.000266 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				3.2 mg/kg		2.368 mg/kg	0.000237 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				1 mg/kg		0.74 mg/kg	0.000074 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				2.1 mg/kg		1.554 mg/kg	0.000155 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.95 mg/kg		0.703 mg/kg	0.0000703 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.21 mg/kg		0.155 mg/kg	0.0000155 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.83 mg/kg		0.614 mg/kg	0.0000614 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				2.2 µg/kg		0.0016 mg/kg	0.000000163 %		✓	
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0363 %		

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.63e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00733%)

Classification of sample: S2-BH244[5]

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

Sample details

Sample name:	LoW Code:
S2-BH244[5]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
8.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		7.8 pH		7.8 pH	7.8 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7.7 mg/kg	1.32	9.048 mg/kg	0.000905 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.13 mg/kg	1.142	0.132 mg/kg	0.0000132 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	16 mg/kg	1.462	20.813 mg/kg	0.00208 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	38 mg/kg	1.126	38.078 mg/kg	0.00381 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	39 mg/kg	2.022	70.198 mg/kg	0.00702 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			18 mg/kg		16.02 mg/kg	0.0016 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.68 mg/kg	2.554	1.546 mg/kg	0.000155 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	18 mg/kg	1.785	28.599 mg/kg	0.00286 %	✓	

#		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		zinc { zinc oxide }				100 mg/kg	1.245	110.78 mg/kg	0.0111 %	✓		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				74 mg/kg		65.86 mg/kg	0.00659 %	✓		
				TPH								
16		naphthalene				0.2 mg/kg		0.178 mg/kg	0.0000178 %	✓		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-695-5	86-73-7								
20		phenanthrene				0.36 mg/kg		0.32 mg/kg	0.000032 %	✓		
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			204-371-1	120-12-7								
22		fluoranthene				0.16 mg/kg		0.142 mg/kg	0.0000142 %	✓		
			205-912-4	206-44-0								
23		pyrene				0.14 mg/kg		0.125 mg/kg	0.0000125 %	✓		
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				1.2 µg/kg		0.001 mg/kg	0.000000107 %	✓		
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0368 %			

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.07e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00659%)

Classification of sample: S2-BH246

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

Sample details

Sample name:	LoW Code:
S2-BH246	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3% Wet Weight 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	pH				8.8 pH		8.8 pH	8.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				10 mg/kg	1.32	12.807 mg/kg	0.00128 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.64 mg/kg	1.142	0.709 mg/kg	0.0000709 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.7 mg/kg	1.462	12.334 mg/kg	0.00123 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				50 mg/kg	1.126	54.606 mg/kg	0.00546 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.06 mg/kg	1.353	0.0788 mg/kg	0.00000788 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				15 mg/kg	2.022	29.426 mg/kg	0.00294 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	25 mg/kg		24.25 mg/kg	0.00243 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.77 mg/kg	2.554	1.907 mg/kg	0.000191 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				8.9 mg/kg	1.785	15.412 mg/kg	0.00154 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				72 mg/kg	1.245	86.931 mg/kg	0.00869 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				81 mg/kg		78.57 mg/kg	0.00786 %		✓	
			TPH								
16	naphthalene				0.81 mg/kg		0.786 mg/kg	0.0000786 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.15 mg/kg		0.146 mg/kg	0.0000146 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.19 mg/kg		0.184 mg/kg	0.0000184 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.4 mg/kg		1.358 mg/kg	0.000136 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.4 mg/kg		0.388 mg/kg	0.0000388 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				1.9 mg/kg		1.843 mg/kg	0.000184 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.3 mg/kg		1.261 mg/kg	0.000126 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.59 mg/kg		0.572 mg/kg	0.0000572 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.6 mg/kg		0.582 mg/kg	0.0000582 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				1.1 mg/kg		1.067 mg/kg	0.000107 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.43 mg/kg		0.417 mg/kg	0.0000417 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.63 mg/kg		0.611 mg/kg	0.0000611 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.51 mg/kg		0.495 mg/kg	0.0000495 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.34 mg/kg		0.33 mg/kg	0.000033 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.54 mg/kg		0.524 mg/kg	0.0000524 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0332 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00786%)

Classification of sample: S2-TP276

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

Sample details

Sample name:	LoW Code:
S2-TP276	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m	
Moisture content:	
9.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight 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	pH		PH		8.7 pH		8.7 pH	8.7 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	21 mg/kg	1.32	25.065 mg/kg	0.00251 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.15 mg/kg	1.142	0.155 mg/kg	0.0000155 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.2 mg/kg	1.462	6.87 mg/kg	0.000687 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	59 mg/kg	1.126	60.05 mg/kg	0.00601 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.32 mg/kg	1.353	0.392 mg/kg	0.0000392 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	28 mg/kg	2.022	51.191 mg/kg	0.00512 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			40 mg/kg		36.16 mg/kg	0.00362 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	3.4 mg/kg	2.554	7.849 mg/kg	0.000785 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	7.6 mg/kg	1.785	12.265 mg/kg	0.00123 %	✓	

#		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		zinc { zinc oxide }				64	mg/kg	1.245	72.014	mg/kg	0.0072 %	✓		
		030-013-00-7	215-222-5	1314-13-2										
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD	
		024-017-00-8												
15		TPH (C6 to C40) petroleum group				74	mg/kg		66.896	mg/kg	0.00669 %	✓		
				TPH										
16		naphthalene				0.34	mg/kg		0.307	mg/kg	0.0000307 %	✓		
			601-052-00-2	202-049-5										91-20-3
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				205-917-1										208-96-8
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				201-469-6										83-32-9
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				201-695-5										86-73-7
20		phenanthrene				0.34	mg/kg		0.307	mg/kg	0.0000307 %	✓		
				201-581-5										85-01-8
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				204-371-1										120-12-7
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				205-912-4										206-44-0
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				204-927-3										129-00-0
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			601-033-00-9	200-280-6										56-55-3
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			601-048-00-0	205-923-4										218-01-9
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			601-034-00-4	205-911-9										205-99-2
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			601-036-00-5	205-916-6										207-08-9
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			601-032-00-3	200-028-5										50-32-8
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				205-893-2										193-39-5
30		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
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
				205-883-8										191-24-2
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD	
			601-020-00-8	200-753-7										71-43-2
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD	
			601-021-00-3	203-625-9										108-88-3
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD	
			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]
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD	
			604-001-00-2	203-632-7										108-95-2
Total:									0.0345 %					

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00669%)

Classification of sample: S2-TP276[2]

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

Sample details

Sample name:	LoW Code:
S2-TP276[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7% Wet Weight 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	pH				8.8 pH		8.8 pH	8.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.43 mg/kg	5.719	2.287 mg/kg	0.000229 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	14.735 mg/kg	0.00147 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.1 mg/kg	1.142	0.106 mg/kg	0.0000106 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.2 mg/kg	1.462	8.427 mg/kg	0.000843 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				59 mg/kg	1.126	61.777 mg/kg	0.00618 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.25 mg/kg	1.353	0.315 mg/kg	0.0000315 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				27 mg/kg	2.022	50.783 mg/kg	0.00508 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	62 mg/kg		57.66 mg/kg	0.00577 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				3.4 mg/kg	2.554	8.075 mg/kg	0.000808 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.1 mg/kg	1.785	11.788 mg/kg	0.00118 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				45 mg/kg	1.245	52.091 mg/kg	0.00521 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				73 mg/kg		67.89 mg/kg	0.00679 %		✓	
			TPH								
16	naphthalene				0.31 mg/kg		0.288 mg/kg	0.0000288 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.034 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00679%)

WAC results for sample: S2-TP276[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	18	3	5	6
2	LOI (loss on ignition)	%	28	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	150	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	8.8	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.013	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0083	0.5	2	25
10	barium	mg/kg	0.3	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.0079	0.5	10	70
13	copper	mg/kg	0.0032	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.01	0.5	10	30
16	nickel	mg/kg	0.0007	0.4	10	40
17	lead	mg/kg	0.006	0.5	10	50
18	antimony	mg/kg	<0.0005	0.06	0.7	5
19	selenium	mg/kg	<0.0005	0.1	0.5	7
20	zinc	mg/kg	0.059	4	50	200
21	chloride	mg/kg	<10	800	15,000	25,000
22	fluoride	mg/kg	<1	10	150	500
23	sulphate	mg/kg	<10	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	250	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP276[3]

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

Sample details

Sample name:	LoW Code:
S2-TP276[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.1%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.1% Wet Weight 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	pH				8.4 pH		8.4 pH	8.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				9.7 mg/kg	1.32	12.026 mg/kg	0.0012 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.16 mg/kg	1.142	0.172 mg/kg	0.0000172 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				2.2 mg/kg	1.462	3.019 mg/kg	0.000302 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				45 mg/kg	1.126	47.574 mg/kg	0.00476 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.34 mg/kg	1.353	0.432 mg/kg	0.0000432 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				32 mg/kg	2.022	60.769 mg/kg	0.00608 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	49 mg/kg		46.011 mg/kg	0.0046 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2.5 mg/kg	2.554	5.995 mg/kg	0.0006 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				3.9 mg/kg	1.785	6.538 mg/kg	0.000654 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				54 mg/kg	1.245	63.114 mg/kg	0.00631 %	✓		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				73 mg/kg		68.547 mg/kg	0.00685 %	✓		
				TPH								
16		naphthalene				1.6 mg/kg		1.502 mg/kg	0.00015 %	✓		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
18		acenaphthene				0.1 mg/kg		0.0939 mg/kg	0.00000939 %	✓		
			201-469-6	83-32-9								
19		fluorene				0.41 mg/kg		0.385 mg/kg	0.0000385 %	✓		
			201-695-5	86-73-7								
20		phenanthrene				0.91 mg/kg		0.854 mg/kg	0.0000854 %	✓		
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				1.4 µg/kg		0.0013 mg/kg	0.000000131 %	✓		
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0323 %			

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.31e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00685%)

Classification of sample: S2-BH249

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

Sample details

Sample name:	LoW Code:
S2-BH249	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.6 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.9%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.9% Wet Weight 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	pH		PH		8 pH		8 pH	8pH		
2	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]	8 mg/kg	5.719	43.969 mg/kg	0.0044 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	61 mg/kg	1.32	77.399 mg/kg	0.00774 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.2 mg/kg	1.142	0.22 mg/kg	0.000022 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	7.9 mg/kg	1.462	11.096 mg/kg	0.00111 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	150 mg/kg	1.126	162.297 mg/kg	0.0162 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.21 mg/kg	1.353	0.273 mg/kg	0.0000273 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	36 mg/kg	2.022	69.967 mg/kg	0.007 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			83 mg/kg		79.763 mg/kg	0.00798 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.7 mg/kg	2.554	4.172 mg/kg	0.000417 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	11 mg/kg	1.785	18.871 mg/kg	0.00189 %	✓	

#		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		zinc { zinc oxide }				83 mg/kg	1.245	99.282 mg/kg	0.00993 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				57 mg/kg		54.777 mg/kg	0.00548 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0626 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00548%)

Classification of sample: S2-BH249[2]

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

Sample details

Sample name:	LoW Code:
S2-BH249[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.1 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.3% Wet Weight 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	pH				7.9 pH		7.9 pH	7.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				2.9 mg/kg	5.719	15.872 mg/kg	0.00159 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				41 mg/kg	1.32	51.806 mg/kg	0.00518 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.2 mg/kg	1.142	0.219 mg/kg	0.0000219 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.1 mg/kg	1.462	8.532 mg/kg	0.000853 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				140 mg/kg	1.126	150.847 mg/kg	0.0151 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.19 mg/kg	1.353	0.246 mg/kg	0.0000246 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				32 mg/kg	2.022	61.934 mg/kg	0.00619 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	47 mg/kg		44.979 mg/kg	0.0045 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.3 mg/kg	2.554	3.177 mg/kg	0.000318 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				8.7 mg/kg	1.785	14.863 mg/kg	0.00149 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				82 mg/kg	1.245	97.678 mg/kg	0.00977 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				54.85 mg/kg		52.491 mg/kg	0.00525 %		✓	
			TPH								
16	naphthalene				0.39 mg/kg		0.373 mg/kg	0.0000373 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.13 mg/kg		0.124 mg/kg	0.0000124 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0507 %		

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
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 flammable since present in the soil

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: S2-TP2101

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

Sample details

Sample name:	LoW Code:
S2-TP2101	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
3.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.6% Wet Weight 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	pH		PH		8.9 pH		8.9 pH	8.9 pH		
2	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]	0.54 mg/kg	5.719	2.977 mg/kg	0.000298 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7.9 mg/kg	1.32	10.055 mg/kg	0.00101 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.22 mg/kg	1.142	0.242 mg/kg	0.0000242 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	15 mg/kg	1.462	21.134 mg/kg	0.00211 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	24 mg/kg	1.126	26.049 mg/kg	0.0026 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	21 mg/kg	2.022	40.942 mg/kg	0.00409 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			20 mg/kg		19.28 mg/kg	0.00193 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.77 mg/kg	2.554	1.896 mg/kg	0.00019 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	9.3 mg/kg	1.785	16.005 mg/kg	0.0016 %	✓	

#		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		zinc { zinc oxide }				53 mg/kg	1.245	63.595 mg/kg	0.00636 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				18 mg/kg		17.352 mg/kg	0.00174 %	✓	
				TPH							
16		naphthalene				1.1 mg/kg		1.06 mg/kg	0.000106 %	✓	
			601-052-00-2	202-049-5							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				205-917-1							
18		acenaphthene				0.14 mg/kg		0.135 mg/kg	0.0000135 %	✓	
				201-469-6							
19		fluorene				0.17 mg/kg		0.164 mg/kg	0.0000164 %	✓	
				201-695-5							
20		phenanthrene				1 mg/kg		0.964 mg/kg	0.0000964 %	✓	
				201-581-5							
21		anthracene				0.21 mg/kg		0.202 mg/kg	0.0000202 %	✓	
				204-371-1							
22		fluoranthene				1.1 mg/kg		1.06 mg/kg	0.000106 %	✓	
				205-912-4							
23		pyrene				0.86 mg/kg		0.829 mg/kg	0.0000829 %	✓	
				204-927-3							
24		benzo[a]anthracene				0.44 mg/kg		0.424 mg/kg	0.0000424 %	✓	
			601-033-00-9	200-280-6							
25		chrysene				0.79 mg/kg		0.762 mg/kg	0.0000762 %	✓	
			601-048-00-0	205-923-4							
26		benzo[b]fluoranthene				0.93 mg/kg		0.897 mg/kg	0.0000897 %	✓	
			601-034-00-4	205-911-9							
27		benzo[k]fluoranthene				0.24 mg/kg		0.231 mg/kg	0.0000231 %	✓	
			601-036-00-5	205-916-6							
28		benzo[a]pyrene; benzo[def]chrysene				0.29 mg/kg		0.28 mg/kg	0.000028 %	✓	
			601-032-00-3	200-028-5							
29		indeno[123-cd]pyrene				0.3 mg/kg		0.289 mg/kg	0.0000289 %	✓	
				205-893-2							
30		dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-041-00-2	200-181-8							
31		benzo[ghi]perylene				0.26 mg/kg		0.251 mg/kg	0.0000251 %	✓	
				205-883-8							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
			601-020-00-8	200-753-7							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
			601-021-00-3	203-625-9							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
			601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			604-001-00-2	203-632-7							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00174%)

Classification of sample: S2-TP2101[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2101[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.7 pH		8.7 pH	8.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				11 mg/kg	1.32	12.926 mg/kg	0.00129 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.13 mg/kg	1.142	0.132 mg/kg	0.0000132 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.7 mg/kg	1.462	4.813 mg/kg	0.000481 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				59 mg/kg	1.126	59.12 mg/kg	0.00591 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.36 mg/kg	1.353	0.434 mg/kg	0.0000434 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				27 mg/kg	2.022	48.599 mg/kg	0.00486 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	36 mg/kg		32.04 mg/kg	0.0032 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.4 mg/kg	2.554	3.182 mg/kg	0.000318 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.6 mg/kg	1.785	12.075 mg/kg	0.00121 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				48 mg/kg	1.245	53.174 mg/kg	0.00532 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				18.68 mg/kg		16.625 mg/kg	0.00166 %	✓	
				TPH							
16		naphthalene				0.16 mg/kg		0.142 mg/kg	0.0000142 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0249 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00166%)

WAC results for sample: S2-TP2101[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	50	3	5	6
2	LOI (loss on ignition)	%	23	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	54	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	8.7	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.014	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0031	0.5	2	25
10	barium	mg/kg	0.14	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0008	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.038	0.5	10	30
16	nickel	mg/kg	0.0009	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	<0.0005	0.06	0.7	5
19	selenium	mg/kg	0.012	0.1	0.5	7
20	zinc	mg/kg	<0.003	4	50	200
21	chloride	mg/kg	10	800	15,000	25,000
22	fluoride	mg/kg	2.6	10	150	500
23	sulphate	mg/kg	78	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	1000	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP2101[3]


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

Sample details

Sample name:	LoW Code:
S2-TP2101[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.5% Wet Weight 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	pH				8.7 pH		8.7 pH	8.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.51 mg/kg	5.719	2.64 mg/kg	0.000264 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				9 mg/kg	1.32	10.754 mg/kg	0.00108 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.1 mg/kg	1.142	0.103 mg/kg	0.0000103 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				2.1 mg/kg	1.462	2.778 mg/kg	0.000278 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				42 mg/kg	1.126	42.795 mg/kg	0.00428 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.26 mg/kg	1.353	0.318 mg/kg	0.0000318 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				15 mg/kg	2.022	27.454 mg/kg	0.00275 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	23 mg/kg		20.815 mg/kg	0.00208 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.6 mg/kg	2.554	3.698 mg/kg	0.00037 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				3.9 mg/kg	1.785	6.301 mg/kg	0.00063 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				42 mg/kg	1.245	47.312 mg/kg	0.00473 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				21 mg/kg		19.005 mg/kg	0.0019 %		✓	
			TPH								
16	naphthalene				0.24 mg/kg		0.217 mg/kg	0.0000217 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.16 mg/kg		0.145 mg/kg	0.0000145 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.16 mg/kg		0.145 mg/kg	0.0000145 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.13 mg/kg		0.118 mg/kg	0.0000118 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0188 %		

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
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 flammable since present in the soil

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: S2-TP2112

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

Sample details

Sample name:	LoW Code:
S2-TP2112	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.1%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.1% Wet Weight 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	pH		PH		9 pH		9 pH	9pH		
2	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]	0.49 mg/kg	5.719	2.603 mg/kg	0.00026 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	3.8 mg/kg	1.32	4.661 mg/kg	0.000466 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.26 mg/kg	1.142	0.276 mg/kg	0.0000276 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	8.1 mg/kg	1.462	10.998 mg/kg	0.0011 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	13 mg/kg	1.126	13.597 mg/kg	0.00136 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.06 mg/kg	1.353	0.0754 mg/kg	0.00000754 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	16 mg/kg	2.022	30.061 mg/kg	0.00301 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			14 mg/kg		13.006 mg/kg	0.0013 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.93 mg/kg	2.554	2.206 mg/kg	0.000221 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	6 mg/kg	1.785	9.951 mg/kg	0.000995 %	✓	

#		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		zinc { zinc oxide }				26 mg/kg	1.245	30.065 mg/kg	0.00301 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				16.3 mg/kg		15.143 mg/kg	0.00151 %	✓	
				TPH							
16		naphthalene				0.32 mg/kg		0.297 mg/kg	0.0000297 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.23 mg/kg		0.214 mg/kg	0.0000214 %	✓	
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0137 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00151%)

Classification of sample: S2-TP2112[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2112[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.7% Wet Weight 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	pH				8.2 pH		8.2 pH	8.2 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.44 mg/kg	5.719	2.323 mg/kg	0.000232 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				19 mg/kg	1.32	23.155 mg/kg	0.00232 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.18 mg/kg	1.142	0.19 mg/kg	0.000019 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4.2 mg/kg	1.462	5.666 mg/kg	0.000567 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				100 mg/kg	1.126	103.919 mg/kg	0.0104 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.21 mg/kg	1.353	0.262 mg/kg	0.0000262 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				27 mg/kg	2.022	50.401 mg/kg	0.00504 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	38 mg/kg		35.074 mg/kg	0.00351 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.3 mg/kg	2.554	3.064 mg/kg	0.000306 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7 mg/kg	1.785	11.534 mg/kg	0.00115 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				55 mg/kg	1.245	63.188 mg/kg	0.00632 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				16 mg/kg		14.768 mg/kg	0.00148 %		✓	
				TPH								
16		naphthalene				0.18 mg/kg		0.166 mg/kg	0.0000166 %		✓	
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0317 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00148%)

WAC results for sample: S2-TP2112[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	17	3	5	6
2	LOI (loss on ignition)	%	16	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	<10	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	8.2	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.016	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.011	0.5	2	25
10	barium	mg/kg	0.47	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0013	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.0093	0.5	10	30
16	nickel	mg/kg	0.08	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.0066	0.06	0.7	5
19	selenium	mg/kg	0.023	0.1	0.5	7
20	zinc	mg/kg	0.031	4	50	200
21	chloride	mg/kg	<10	800	15,000	25,000
22	fluoride	mg/kg	1.6	10	150	500
23	sulphate	mg/kg	140	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	810	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP2112[3]

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

Sample details

Sample name:	LoW Code:
S2-TP2112[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.4%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.4% Wet Weight 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	pH				8.9 pH		8.9 pH	8.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				14 mg/kg	1.32	17.117 mg/kg	0.00171 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.18 mg/kg	1.142	0.19 mg/kg	0.000019 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.6 mg/kg	1.462	11.639 mg/kg	0.00116 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				59 mg/kg	1.126	61.512 mg/kg	0.00615 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.15 mg/kg	1.353	0.188 mg/kg	0.0000188 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				30 mg/kg	2.022	56.183 mg/kg	0.00562 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	36 mg/kg		33.336 mg/kg	0.00333 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.3 mg/kg	2.554	3.074 mg/kg	0.000307 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.3 mg/kg	1.785	12.067 mg/kg	0.00121 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				65 mg/kg	1.245	74.919 mg/kg	0.00749 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				19.78 mg/kg		18.316 mg/kg	0.00183 %		✓	
			TPH								
16	naphthalene				0.61 mg/kg		0.565 mg/kg	0.0000565 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.12 mg/kg		0.111 mg/kg	0.0000111 %		✓	
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.28 mg/kg		0.259 mg/kg	0.0000259 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.13 mg/kg		0.12 mg/kg	0.000012 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.12 mg/kg		0.111 mg/kg	0.0000111 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0295 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00183%)

Classification of sample: S2-BH246[2]

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

Sample details

Sample name:	LoW Code:
S2-BH246[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.6% Wet Weight 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	 pH			PH	8.9	pH		8.9	pH	8.9 pH		
2	 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]	0.61	mg/kg	5.719	3.328	mg/kg	0.000333 %	✓	
3	 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 %		<LOD
4	 arsenic {  arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.6	mg/kg	1.32	10.832	mg/kg	0.00108 %	✓	
5	 cadmium {  cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.12	mg/kg	1.142	0.131	mg/kg	0.0000131 %	✓	
6	 chromium in chromium(III) compounds {  chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.7	mg/kg	1.462	7.948	mg/kg	0.000795 %	✓	
7	 copper {  dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	39	mg/kg	1.126	41.89	mg/kg	0.00419 %	✓	
8	 mercury {  mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.2	mg/kg	1.353	0.258	mg/kg	0.0000258 %	✓	
9	 nickel {  nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	19	mg/kg	2.022	36.658	mg/kg	0.00367 %	✓	
10	 lead {  lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	22	mg/kg	20.988	mg/kg	0.0021 %	✓	
11	 selenium {  nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.3	mg/kg	2.554	3.167	mg/kg	0.000317 %	✓	
12	 vanadium {  divanadium pentaoxide;  vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	7.1	mg/kg	1.785	12.092	mg/kg	0.00121 %	✓	

#		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		zinc { zinc oxide }				51 mg/kg	1.245	60.56 mg/kg	0.00606 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				17.64 mg/kg		16.829 mg/kg	0.00168 %		✓	
				TPH								
16		naphthalene				0.16 mg/kg		0.153 mg/kg	0.0000153 %		✓	
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0219 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00168%)

Classification of sample: S2-BH246[3]

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

Sample details

Sample name:	LoW Code:
S2-BH246[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.7 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
24%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 24% Wet Weight 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	pH				7.7 pH		7.7 pH	7.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.91 mg/kg	5.719	3.955 mg/kg	0.000396 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				24 mg/kg	1.32	24.083 mg/kg	0.00241 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.104 mg/kg	0.0000104 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	11.108 mg/kg	0.00111 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				7.8 mg/kg	1.126	6.674 mg/kg	0.000667 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.05 mg/kg	1.353	0.0514 mg/kg	0.00000514 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				7.1 mg/kg	2.022	10.913 mg/kg	0.00109 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	23 mg/kg		17.48 mg/kg	0.00175 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1 mg/kg	2.554	1.941 mg/kg	0.000194 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				17 mg/kg	1.785	23.065 mg/kg	0.00231 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				22 mg/kg	1.245	20.812	mg/kg	0.00208 %	✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				20 mg/kg		15.2	mg/kg	0.00152 %	✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2								
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00152%)

Classification of sample: S2-TP268

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

Sample details

Sample name:	LoW Code:
S2-TP268	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		9.1 pH		9.1 pH	9.1 pH		
2	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]	3.1 mg/kg	5.719	15.779 mg/kg	0.00158 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.3 mg/kg	1.32	9.753 mg/kg	0.000975 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.54 mg/kg	1.142	0.549 mg/kg	0.0000549 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	10 mg/kg	1.462	13.008 mg/kg	0.0013 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	45 mg/kg	1.126	45.092 mg/kg	0.00451 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.15 mg/kg	1.353	0.181 mg/kg	0.0000181 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	14 mg/kg	2.022	25.199 mg/kg	0.00252 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			54 mg/kg		48.06 mg/kg	0.00481 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	2.4 mg/kg	2.554	5.455 mg/kg	0.000545 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	9.7 mg/kg	1.785	15.412 mg/kg	0.00154 %	✓	

#		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		zinc { zinc oxide }				130 mg/kg	1.245	144.013 mg/kg	0.0144 %	☒		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				65 mg/kg		57.85 mg/kg	0.00579 %	☒		
				TPH								
16		naphthalene				1.4 mg/kg		1.246 mg/kg	0.000125 %	☒		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
18		acenaphthene				0.59 mg/kg		0.525 mg/kg	0.0000525 %	☒		
			201-469-6	83-32-9								
19		fluorene				0.72 mg/kg		0.641 mg/kg	0.0000641 %	☒		
			201-695-5	86-73-7								
20		phenanthrene				5 mg/kg		4.45 mg/kg	0.000445 %	☒		
			201-581-5	85-01-8								
21		anthracene				1.4 mg/kg		1.246 mg/kg	0.000125 %	☒		
			204-371-1	120-12-7								
22		fluoranthene				5.4 mg/kg		4.806 mg/kg	0.000481 %	☒		
			205-912-4	206-44-0								
23		pyrene				4.7 mg/kg		4.183 mg/kg	0.000418 %	☒		
			204-927-3	129-00-0								
24		benzo[a]anthracene				2.4 mg/kg		2.136 mg/kg	0.000214 %	☒		
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				3.2 mg/kg		2.848 mg/kg	0.000285 %	☒		
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				3.1 mg/kg		2.759 mg/kg	0.000276 %	☒		
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				0.91 mg/kg		0.81 mg/kg	0.000081 %	☒		
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				2.4 mg/kg		2.136 mg/kg	0.000214 %	☒		
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				1.9 mg/kg		1.691 mg/kg	0.000169 %	☒		
			205-893-2	193-39-5								
30		dibenz[a,h]anthracene				0.43 mg/kg		0.383 mg/kg	0.0000383 %	☒		
		601-041-00-2	200-181-8	53-70-3								
31		benzo[ghi]perylene				1.5 mg/kg		1.335 mg/kg	0.000133 %	☒		
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				0.21 mg/kg		0.187 mg/kg	0.0000187 %	☒		
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0414 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00579%)

Classification of sample: S2-TP268[2]

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

Sample details

Sample name:	LoW Code:
S2-TP268[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight 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	asbestos				<0.001 %		<0.001 %	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4							
			132207-32-0							
			12172-73-5							
			77536-66-4							
			77536-68-6							
2	pH				9.1 pH		9.1 pH	9.1 pH		
			PH							
3	boron { boric acid; [1] boric acid; [2] }				4.5 mg/kg	5.719	22.391 mg/kg	0.00224 %	✓	
	005-007-00-2	233-139-2 [1]	10043-35-3 [1]							
		234-343-4 [2]	11113-50-1 [2]							
4	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 %		<LOD
	006-007-00-5									
5	arsenic { arsenic trioxide }				9 mg/kg	1.32	10.338 mg/kg	0.00103 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	cadmium { cadmium oxide }				0.55 mg/kg	1.142	0.547 mg/kg	0.0000547 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	12.716 mg/kg	0.00127 %	✓	
		215-160-9	1308-38-9							
8	copper { dicopper oxide; copper (I) oxide }				44 mg/kg	1.126	43.099 mg/kg	0.00431 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	mercury { mercury dichloride }				0.16 mg/kg	1.353	0.188 mg/kg	0.0000188 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel(II) carbonate }				15 mg/kg	2.022	26.392 mg/kg	0.00264 %	✓	
	028-010-00-0	222-068-2 [1]	3333-67-3 [1]							
		240-408-8 [2]	16337-84-1 [2]							
		265-748-4 [3]	65405-96-1 [3]							
		235-715-9 [4]	12607-70-4 [4]							

#	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	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	55 mg/kg		47.85 mg/kg	0.00479 %	✓	
	082-001-00-6									
12	selenium { nickel selenate }				2.4 mg/kg	2.554	5.332 mg/kg	0.000533 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				16 mg/kg	1.785	24.85 mg/kg	0.00248 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc oxide }				110 mg/kg	1.245	119.119 mg/kg	0.0119 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
15	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
16	TPH (C6 to C40) petroleum group		TPH		38 mg/kg		33.06 mg/kg	0.00331 %	✓	
17	naphthalene				1.9 mg/kg		1.653 mg/kg	0.000165 %	✓	
	601-052-00-2	202-049-5	91-20-3							
18	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
19	acenaphthene				0.63 mg/kg		0.548 mg/kg	0.0000548 %	✓	
		201-469-6	83-32-9							
20	fluorene				0.75 mg/kg		0.653 mg/kg	0.0000653 %	✓	
		201-695-5	86-73-7							
21	phenanthrene				3.9 mg/kg		3.393 mg/kg	0.000339 %	✓	
		201-581-5	85-01-8							
22	anthracene				1.1 mg/kg		0.957 mg/kg	0.0000957 %	✓	
		204-371-1	120-12-7							
23	fluoranthene				3.7 mg/kg		3.219 mg/kg	0.000322 %	✓	
		205-912-4	206-44-0							
24	pyrene				3.5 mg/kg		3.045 mg/kg	0.000305 %	✓	
		204-927-3	129-00-0							
25	benzo[a]anthracene				1.8 mg/kg		1.566 mg/kg	0.000157 %	✓	
	601-033-00-9	200-280-6	56-55-3							
26	chrysene				2.2 mg/kg		1.914 mg/kg	0.000191 %	✓	
	601-048-00-0	205-923-4	218-01-9							
27	benzo[b]fluoranthene				2.2 mg/kg		1.914 mg/kg	0.000191 %	✓	
	601-034-00-4	205-911-9	205-99-2							
28	benzo[k]fluoranthene				0.67 mg/kg		0.583 mg/kg	0.0000583 %	✓	
	601-036-00-5	205-916-6	207-08-9							
29	benzo[a]pyrene; benzo[def]chrysene				1.2 mg/kg		1.044 mg/kg	0.000104 %	✓	
	601-032-00-3	200-028-5	50-32-8							
30	indeno[123-cd]pyrene				1.2 mg/kg		1.044 mg/kg	0.000104 %	✓	
		205-893-2	193-39-5							
31	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							
32	benzo[ghi]perylene				0.95 mg/kg		0.826 mg/kg	0.0000826 %	✓	
		205-883-8	191-24-2							
33	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
34	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
35	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	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]							
36	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0381 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00331%)

Classification of sample: S2-TP277

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

Sample details

Sample name:	LoW Code:
S2-TP277	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight 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	pH		PH		9.3 pH		9.3 pH	9.3 pH		
2	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	11.313 mg/kg	0.00113 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	17 mg/kg	1.32	19.303 mg/kg	0.00193 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.62 mg/kg	1.142	0.609 mg/kg	0.0000609 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	11 mg/kg	1.462	13.826 mg/kg	0.00138 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	71 mg/kg	1.126	68.747 mg/kg	0.00687 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.09 mg/kg	1.353	0.105 mg/kg	0.0000105 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	32 mg/kg	2.022	55.657 mg/kg	0.00557 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			49 mg/kg		42.14 mg/kg	0.00421 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.2 mg/kg	2.554	2.636 mg/kg	0.000264 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	10 mg/kg	1.785	15.353 mg/kg	0.00154 %	✓	

#		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		zinc { zinc oxide }				110	mg/kg	1.245	117.75	mg/kg	0.0118 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				59	mg/kg		50.74	mg/kg	0.00507 %	✓	
				TPH									
16		naphthalene				1.1	mg/kg		0.946	mg/kg	0.0000946 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				1.4	mg/kg		1.204	mg/kg	0.00012 %	✓	
			201-469-6	83-32-9									
19		fluorene				0.78	mg/kg		0.671	mg/kg	0.0000671 %	✓	
			201-695-5	86-73-7									
20		phenanthrene				6.2	mg/kg		5.332	mg/kg	0.000533 %	✓	
			201-581-5	85-01-8									
21		anthracene				1.7	mg/kg		1.462	mg/kg	0.000146 %	✓	
			204-371-1	120-12-7									
22		fluoranthene				7.4	mg/kg		6.364	mg/kg	0.000636 %	✓	
			205-912-4	206-44-0									
23		pyrene				6.7	mg/kg		5.762	mg/kg	0.000576 %	✓	
			204-927-3	129-00-0									
24		benzo[a]anthracene				3.3	mg/kg		2.838	mg/kg	0.000284 %	✓	
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				3.9	mg/kg		3.354	mg/kg	0.000335 %	✓	
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				3.9	mg/kg		3.354	mg/kg	0.000335 %	✓	
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				1.3	mg/kg		1.118	mg/kg	0.000112 %	✓	
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				3.3	mg/kg		2.838	mg/kg	0.000284 %	✓	
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				2.4	mg/kg		2.064	mg/kg	0.000206 %	✓	
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				0.34	mg/kg		0.292	mg/kg	0.0000292 %	✓	
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				1.9	mg/kg		1.634	mg/kg	0.000163 %	✓	
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00507%)

WAC results for sample: S2-TP277

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	13	3	5	6
2	LOI (loss on ignition)	%	34	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	210	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	52	100	-	-
7	pH	pH	9.3	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.007	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.12	0.5	2	25
10	barium	mg/kg	0.52	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.016	0.5	10	70
13	copper	mg/kg	0.011	2	50	100
14	mercury	mg/kg	0.0001	0.01	0.2	2
15	molybdenum	mg/kg	0.24	0.5	10	30
16	nickel	mg/kg	0.0011	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.049	0.06	0.7	5
19	selenium	mg/kg	0.22	0.1	0.5	7
20	zinc	mg/kg	<0.003	4	50	200
21	chloride	mg/kg	550	800	15,000	25,000
22	fluoride	mg/kg	12	10	150	500
23	sulphate	mg/kg	870	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	2000	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP277[2]

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

Sample details

Sample name:	LoW Code:
S2-TP277[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.7% Wet Weight 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	pH				9 pH		9 pH	9pH		
2	boron { boric acid; [1] boric acid; [2] }				0.97 mg/kg	5.719	5.065 mg/kg	0.000506 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				27 mg/kg	1.32	32.547 mg/kg	0.00325 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				1.9 mg/kg	1.142	1.982 mg/kg	0.000198 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.1 mg/kg	1.462	10.809 mg/kg	0.00108 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				94 mg/kg	1.126	96.626 mg/kg	0.00966 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.28 mg/kg	1.353	0.346 mg/kg	0.0000346 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				29 mg/kg	2.022	53.547 mg/kg	0.00535 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	55 mg/kg		50.215 mg/kg	0.00502 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				3 mg/kg	2.554	6.995 mg/kg	0.000699 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				12 mg/kg	1.785	19.558 mg/kg	0.00196 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				230 mg/kg	1.245	261.377 mg/kg	0.0261 %	☒		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				80 mg/kg		73.04 mg/kg	0.0073 %	☒		
				TPH								
16		naphthalene				0.82 mg/kg		0.749 mg/kg	0.0000749 %	☒		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			201-695-5	86-73-7								
20		phenanthrene				1.5 mg/kg		1.37 mg/kg	0.000137 %	☒		
			201-581-5	85-01-8								
21		anthracene				0.33 mg/kg		0.301 mg/kg	0.0000301 %	☒		
			204-371-1	120-12-7								
22		fluoranthene				1.3 mg/kg		1.187 mg/kg	0.000119 %	☒		
			205-912-4	206-44-0								
23		pyrene				1.2 mg/kg		1.096 mg/kg	0.00011 %	☒		
			204-927-3	129-00-0								
24		benzo[a]anthracene				0.77 mg/kg		0.703 mg/kg	0.0000703 %	☒		
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				0.89 mg/kg		0.813 mg/kg	0.0000813 %	☒		
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				1.1 mg/kg		1.004 mg/kg	0.0001 %	☒		
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				0.44 mg/kg		0.402 mg/kg	0.0000402 %	☒		
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				0.71 mg/kg		0.648 mg/kg	0.0000648 %	☒		
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				0.61 mg/kg		0.557 mg/kg	0.0000557 %	☒		
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				0.5 mg/kg		0.456 mg/kg	0.0000456 %	☒		
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0624 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0073%)

Classification of sample: S2-TP277[3]


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

Sample details

Sample name:	LoW Code:
S2-TP277[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
31%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 31% Wet Weight 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	pH				8.9 pH		8.9 pH	8.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.87 mg/kg	5.719	3.433 mg/kg	0.000343 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				20 mg/kg	1.32	18.22 mg/kg	0.00182 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.42 mg/kg	1.142	0.331 mg/kg	0.0000331 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	16.136 mg/kg	0.00161 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				76 mg/kg	1.126	59.042 mg/kg	0.0059 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.2 mg/kg	1.353	0.187 mg/kg	0.0000187 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				23 mg/kg	2.022	32.096 mg/kg	0.00321 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	42 mg/kg		28.98 mg/kg	0.0029 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2.3 mg/kg	2.554	4.053 mg/kg	0.000405 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				26 mg/kg	1.785	32.026 mg/kg	0.0032 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				84 mg/kg	1.245	72.144 mg/kg	0.00721 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				25 mg/kg		17.25 mg/kg	0.00173 %		✓	
			TPH								
16	naphthalene				0.63 mg/kg		0.435 mg/kg	0.0000435 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.22 mg/kg		0.152 mg/kg	0.0000152 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.2 mg/kg		0.138 mg/kg	0.0000138 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.4 mg/kg		0.966 mg/kg	0.0000966 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.31 mg/kg		0.214 mg/kg	0.0000214 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				1.3 mg/kg		0.897 mg/kg	0.0000897 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.2 mg/kg		0.828 mg/kg	0.0000828 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.59 mg/kg		0.407 mg/kg	0.0000407 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.83 mg/kg		0.573 mg/kg	0.0000573 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.83 mg/kg		0.573 mg/kg	0.0000573 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.18 mg/kg		0.124 mg/kg	0.0000124 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.51 mg/kg		0.352 mg/kg	0.0000352 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				0.36 mg/kg		0.248 mg/kg	0.0000248 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0292 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00173%)

Classification of sample: S2-TP294

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

Sample details

Sample name:	LoW Code:
S2-TP294	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	pH		PH		8.7 pH		8.7 pH	8.7 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	4.6 mg/kg	1.32	5.345 mg/kg	0.000534 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.64 mg/kg	1.142	0.643 mg/kg	0.0000643 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	3.7 mg/kg	1.462	4.759 mg/kg	0.000476 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	35 mg/kg	1.126	34.677 mg/kg	0.00347 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.15 mg/kg	1.353	0.179 mg/kg	0.0000179 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	9.7 mg/kg	2.022	17.263 mg/kg	0.00173 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			61 mg/kg		53.68 mg/kg	0.00537 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.1 mg/kg	2.554	2.472 mg/kg	0.000247 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	4.1 mg/kg	1.785	6.441 mg/kg	0.000644 %	✓	

#		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		zinc { zinc oxide }				130 mg/kg	1.245	142.395 mg/kg	0.0142 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				100 mg/kg		88 mg/kg	0.0088 %	✓	
				TPH							
16		naphthalene				1.9 mg/kg		1.672 mg/kg	0.000167 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				0.34 mg/kg		0.299 mg/kg	0.0000299 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.4 mg/kg		0.352 mg/kg	0.0000352 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				1.3 mg/kg		1.144 mg/kg	0.000114 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.29 mg/kg		0.255 mg/kg	0.0000255 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				0.96 mg/kg		0.845 mg/kg	0.0000845 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.8 mg/kg		0.704 mg/kg	0.0000704 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				0.45 mg/kg		0.396 mg/kg	0.0000396 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				0.7 mg/kg		0.616 mg/kg	0.0000616 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				0.97 mg/kg		0.854 mg/kg	0.0000854 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				0.25 mg/kg		0.22 mg/kg	0.000022 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				0.31 mg/kg		0.273 mg/kg	0.0000273 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				0.3 mg/kg		0.264 mg/kg	0.0000264 %	✓	
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				0.26 mg/kg		0.229 mg/kg	0.0000229 %	✓	
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				1.2 µg/kg		0.001 mg/kg	0.000000106 %	✓	
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				0.13 mg/kg		0.114 mg/kg	0.0000114 %	✓	
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0369 %		

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.06e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0088%)

Classification of sample: S2-TP294[2]

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

Sample details

Sample name:	LoW Code:
S2-TP294[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.7%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.7% Wet Weight 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	pH				5.8 pH		5.8 pH	5.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	14.465 mg/kg	0.00145 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.19 mg/kg	1.142	0.198 mg/kg	0.0000198 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12 mg/kg	1.462	16.013 mg/kg	0.0016 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				83 mg/kg	1.126	85.319 mg/kg	0.00853 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.8 mg/kg	1.353	0.989 mg/kg	0.0000989 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				22 mg/kg	2.022	40.622 mg/kg	0.00406 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150 mg/kg		136.95 mg/kg	0.0137 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.91 mg/kg	2.554	2.122 mg/kg	0.000212 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				16 mg/kg	1.785	26.078 mg/kg	0.00261 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				140 mg/kg	1.245	159.099 mg/kg	0.0159 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				52 mg/kg		47.476 mg/kg	0.00475 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0535 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00475%)

Classification of sample: S2-TP294[3]

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

Sample details

Sample name:	LoW Code:
S2-TP294[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		8.8 pH		8.8 pH	8.8 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7.3 mg/kg	1.32	8.578 mg/kg	0.000858 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	10 mg/kg	1.462	13.008 mg/kg	0.0013 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	28 mg/kg	1.126	28.057 mg/kg	0.00281 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.09 mg/kg	1.353	0.108 mg/kg	0.0000108 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	29 mg/kg	2.022	52.198 mg/kg	0.00522 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			18 mg/kg		16.02 mg/kg	0.0016 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.71 mg/kg	2.554	1.614 mg/kg	0.000161 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	9.9 mg/kg	1.785	15.729 mg/kg	0.00157 %	✓	

#		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		zinc { zinc oxide }				70 mg/kg	1.245	77.546 mg/kg	0.00775 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				49.6 mg/kg		44.144 mg/kg	0.00441 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0263 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00441%)

WAC results for sample: S2-TP294[3]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample PASSES the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	3.2	3	5	6
2	LOI (loss on ignition)	%	6.5	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	<10	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	8.8	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.014	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0004	0.5	2	25
10	barium	mg/kg	2.2	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0009	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.023	0.5	10	30
16	nickel	mg/kg	<0.0005	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.0005	0.06	0.7	5
19	selenium	mg/kg	0.017	0.1	0.5	7
20	zinc	mg/kg	0.087	4	50	200
21	chloride	mg/kg	<10	800	15,000	25,000
22	fluoride	mg/kg	2.7	10	150	500
23	sulphate	mg/kg	120	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	940	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail

Classification of sample: S2-TP261

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

Sample details

Sample name:	LoW Code:
S2-TP261	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		8.8 pH		8.8 pH	8.8 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	7.7 mg/kg	1.32	9.048 mg/kg	0.000905 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.12 mg/kg	1.142	0.122 mg/kg	0.0000122 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	4.6 mg/kg	1.462	5.984 mg/kg	0.000598 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	34 mg/kg	1.126	34.069 mg/kg	0.00341 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.1 mg/kg	1.353	0.12 mg/kg	0.000012 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	15 mg/kg	2.022	26.999 mg/kg	0.0027 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			25 mg/kg		22.25 mg/kg	0.00223 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1 mg/kg	2.554	2.273 mg/kg	0.000227 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	5.8 mg/kg	1.785	9.215 mg/kg	0.000922 %	✓	

#		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		zinc { zinc oxide }				49	mg/kg	1.245	54.282	mg/kg	0.00543 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				71	mg/kg		63.19	mg/kg	0.00632 %	✓	
				TPH									
16		naphthalene				1.7	mg/kg		1.513	mg/kg	0.000151 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				0.24	mg/kg		0.214	mg/kg	0.0000214 %	✓	
			201-695-5	86-73-7									
20		phenanthrene				1.7	mg/kg		1.513	mg/kg	0.000151 %	✓	
			201-581-5	85-01-8									
21		anthracene				0.32	mg/kg		0.285	mg/kg	0.0000285 %	✓	
			204-371-1	120-12-7									
22		fluoranthene				0.89	mg/kg		0.792	mg/kg	0.0000792 %	✓	
			205-912-4	206-44-0									
23		pyrene				0.63	mg/kg		0.561	mg/kg	0.0000561 %	✓	
			204-927-3	129-00-0									
24		benzo[a]anthracene				0.34	mg/kg		0.303	mg/kg	0.0000303 %	✓	
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				0.52	mg/kg		0.463	mg/kg	0.0000463 %	✓	
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				0.54	mg/kg		0.481	mg/kg	0.0000481 %	✓	
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				0.2	mg/kg		0.178	mg/kg	0.0000178 %	✓	
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				0.24	mg/kg		0.214	mg/kg	0.0000214 %	✓	
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				0.51	mg/kg		0.454	mg/kg	0.0000454 %	✓	
			205-893-2	193-39-5									
30		dibenz[a,h]anthracene				0.65	mg/kg		0.579	mg/kg	0.0000579 %	✓	
		601-041-00-2	200-181-8	53-70-3									
31		benzo[ghi]perylene				0.46	mg/kg		0.409	mg/kg	0.0000409 %	✓	
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
									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)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00632%)

Classification of sample: S2-TP261[2]

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

Sample details

Sample name:	LoW Code:
S2-TP261[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH				6.3 pH		6.3 pH	6.3 pH		
2	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]	0.49 mg/kg	5.719	2.298 mg/kg	0.00023 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.6 mg/kg	1.32	9.311 mg/kg	0.000931 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.34 mg/kg	1.142	0.318 mg/kg	0.0000318 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	13 mg/kg	1.462	15.58 mg/kg	0.00156 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	20 mg/kg	1.126	18.465 mg/kg	0.00185 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.08 mg/kg	1.353	0.0888 mg/kg	0.00000888 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	11 mg/kg	2.022	18.242 mg/kg	0.00182 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			18 mg/kg		14.76 mg/kg	0.00148 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.9 mg/kg	2.554	3.979 mg/kg	0.000398 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	17 mg/kg	1.785	24.885 mg/kg	0.00249 %	✓	

#	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	zinc { zinc oxide }				28 mg/kg	1.245	28.579 mg/kg	0.00286 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				59 mg/kg		48.38 mg/kg	0.00484 %		✓	
			TPH								
16	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.12 mg/kg		0.0984 mg/kg	0.00000984 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.2 mg/kg		0.164 mg/kg	0.0000164 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.35 mg/kg		0.287 mg/kg	0.0000287 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.18 mg/kg		0.148 mg/kg	0.0000148 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0189 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00484%)

WAC results for sample: S2-TP261[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	9.9	3	5	6
2	LOI (loss on ignition)	%	17	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	<10	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	6.3	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.008	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.011	0.5	2	25
10	barium	mg/kg	0.0053	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.016	0.5	10	70
13	copper	mg/kg	0.0036	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.0041	0.5	10	30
16	nickel	mg/kg	0.0072	0.4	10	40
17	lead	mg/kg	0.017	0.5	10	50
18	antimony	mg/kg	0.0015	0.06	0.7	5
19	selenium	mg/kg	0.011	0.1	0.5	7
20	zinc	mg/kg	0.059	4	50	200
21	chloride	mg/kg	24	800	15,000	25,000
22	fluoride	mg/kg	1.3	10	150	500
23	sulphate	mg/kg	70	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	96	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	190	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP261[3]


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

Sample details

Sample name:	LoW Code:
S2-TP261[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight 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	pH				6.9 pH		6.9 pH	6.9 pH		
2	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]		<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4		7.3 mg/kg	1.32	8.385 mg/kg	0.000839 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2		0.14 mg/kg	1.142	0.139 mg/kg	0.0000139 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9		3.5 mg/kg	1.462	4.45 mg/kg	0.000445 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7		28 mg/kg	1.126	27.427 mg/kg	0.00274 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8		0.06 mg/kg	1.353	0.0707 mg/kg	0.00000707 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]		25 mg/kg	2.022	43.987 mg/kg	0.0044 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	15 mg/kg		13.05 mg/kg	0.00131 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2		0.84 mg/kg	2.554	1.866 mg/kg	0.000187 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8		5.8 mg/kg	1.785	9.008 mg/kg	0.000901 %	✓	

#		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		zinc { zinc oxide }				16 mg/kg	1.245	17.326 mg/kg	0.00173 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				53 mg/kg		46.11 mg/kg	0.00461 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0178 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00461%)

Classification of sample: S2-TP266

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

Sample details

Sample name:	LoW Code:
S2-TP266	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight 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	pH		PH		7.3 pH		7.3 pH	7.3 pH		
2	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]	0.46 mg/kg	5.719	2.368 mg/kg	0.000237 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10 mg/kg	1.32	11.883 mg/kg	0.00119 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.11 mg/kg	1.142	0.113 mg/kg	0.0000113 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	11 mg/kg	1.462	14.469 mg/kg	0.00145 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	31 mg/kg	1.126	31.412 mg/kg	0.00314 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.07 mg/kg	1.353	0.0853 mg/kg	0.00000853 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	20 mg/kg	2.022	36.403 mg/kg	0.00364 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			23 mg/kg		20.7 mg/kg	0.00207 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.1 mg/kg	2.554	2.528 mg/kg	0.000253 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	15 mg/kg	1.785	24.1 mg/kg	0.00241 %	✓	

#		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		zinc { zinc oxide }				55 mg/kg	1.245	61.613 mg/kg	0.00616 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				54 mg/kg		48.6 mg/kg	0.00486 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0258 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00486%)

Classification of sample: S2-TP266[2]

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

Sample details

Sample name:	LoW Code:
S2-TP266[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.2% Wet Weight 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	pH				8.7 pH		8.7 pH	8.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	14.862 mg/kg	0.00149 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.74 mg/kg	1.142	0.793 mg/kg	0.0000793 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.8 mg/kg	1.462	10.693 mg/kg	0.00107 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				50 mg/kg	1.126	52.804 mg/kg	0.00528 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.13 mg/kg	1.353	0.165 mg/kg	0.0000165 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				47 mg/kg	2.022	89.16 mg/kg	0.00892 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	79 mg/kg		74.102 mg/kg	0.00741 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.81 mg/kg	2.554	1.94 mg/kg	0.000194 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				12 mg/kg	1.785	20.094 mg/kg	0.00201 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				150 mg/kg	1.245	175.131 mg/kg	0.0175 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				49 mg/kg		45.962 mg/kg	0.0046 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0046%)

Classification of sample: S2-TP266[3]

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

Sample details

Sample name:	LoW Code:
S2-TP266[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight 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	pH				6.9 pH		6.9 pH	6.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				10 mg/kg	1.32	10.563 mg/kg	0.00106 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.1 mg/kg	1.142	0.0914 mg/kg	0.00000914 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.7 mg/kg	1.462	10.172 mg/kg	0.00102 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				27 mg/kg	1.126	24.319 mg/kg	0.00243 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.06 mg/kg	1.353	0.065 mg/kg	0.0000065 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				18 mg/kg	2.022	29.123 mg/kg	0.00291 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20 mg/kg		16 mg/kg	0.0016 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.92 mg/kg	2.554	1.88 mg/kg	0.000188 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	18.566 mg/kg	0.00186 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				50 mg/kg	1.245	49.789 mg/kg	0.00498 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				21 mg/kg		16.8 mg/kg	0.00168 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0183 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00168%)

Classification of sample: S2-BH245

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

Sample details

Sample name:	LoW Code:
S2-BH245	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 13% Wet Weight 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	pH				9 pH		9 pH	9pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	13.784 mg/kg	0.00138 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.38 mg/kg	1.142	0.378 mg/kg	0.0000378 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.6 mg/kg	1.462	8.392 mg/kg	0.000839 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				46 mg/kg	1.126	45.058 mg/kg	0.00451 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.08 mg/kg	1.353	0.0942 mg/kg	0.00000942 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				35 mg/kg	2.022	61.582 mg/kg	0.00616 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27 mg/kg		23.49 mg/kg	0.00235 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.93 mg/kg	2.554	2.066 mg/kg	0.000207 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				8.8 mg/kg	1.785	13.667 mg/kg	0.00137 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				90 mg/kg	1.245	97.461 mg/kg	0.00975 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				37 mg/kg		32.19 mg/kg	0.00322 %		✓	
			TPH								
16	naphthalene				0.2 mg/kg		0.174 mg/kg	0.0000174 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.41 mg/kg		0.357 mg/kg	0.0000357 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.44 mg/kg		0.383 mg/kg	0.0000383 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.32 mg/kg		0.278 mg/kg	0.0000278 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.16 mg/kg		0.139 mg/kg	0.0000139 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.26 mg/kg		0.226 mg/kg	0.0000226 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.42 mg/kg		0.365 mg/kg	0.0000365 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.23 mg/kg		0.2 mg/kg	0.00002 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.22 mg/kg		0.191 mg/kg	0.0000191 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.19 mg/kg		0.165 mg/kg	0.0000165 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.16 mg/kg		0.139 mg/kg	0.0000139 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				1.2 µg/kg		0.001 mg/kg	0.000000104 %		✓	
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 1.04e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00322%)

Classification of sample: S2-BH245[2]

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

Sample details

Sample name:	LoW Code:
S2-BH245[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.3% Wet Weight 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	pH				9.2 pH		9.2 pH	9.2 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	9.4 mg/kg	1.32	11.257 mg/kg	0.00113 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.28 mg/kg	1.142	0.29 mg/kg	0.000029 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.3 mg/kg	1.462	7.026 mg/kg	0.000703 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	36 mg/kg	1.126	36.763 mg/kg	0.00368 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.08 mg/kg	1.353	0.0982 mg/kg	0.00000982 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	32 mg/kg	2.022	58.699 mg/kg	0.00587 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			33 mg/kg		29.931 mg/kg	0.00299 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.85 mg/kg	2.554	1.969 mg/kg	0.000197 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	7.3 mg/kg	1.785	11.82 mg/kg	0.00118 %	✓	

#		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		zinc { zinc oxide }				79 mg/kg	1.245	89.187 mg/kg	0.00892 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				17 mg/kg		15.419 mg/kg	0.00154 %	✓	
				TPH							
16		naphthalene				0.15 mg/kg		0.136 mg/kg	0.0000136 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.27 mg/kg		0.245 mg/kg	0.0000245 %	✓	
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				0.31 mg/kg		0.281 mg/kg	0.0000281 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.21 mg/kg		0.19 mg/kg	0.000019 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				0.15 mg/kg		0.136 mg/kg	0.0000136 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				0.13 mg/kg		0.118 mg/kg	0.0000118 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				0.27 mg/kg		0.245 mg/kg	0.0000245 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				0.14 mg/kg		0.127 mg/kg	0.0000127 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				0.14 mg/kg		0.127 mg/kg	0.0000127 %	✓	
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				0.14 mg/kg		0.127 mg/kg	0.0000127 %	✓	
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				2.2 µg/kg		0.002 mg/kg	0.0000002 %	✓	
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0269 %		

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 2.0e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00154%)

Classification of sample: S2-BH249[3]

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

Sample details

Sample name:	LoW Code:
S2-BH249[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH				7.3 pH		7.3 pH	7.3 pH		
2	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]		<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4		6.2 mg/kg	1.32	6.794 mg/kg	0.000679 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2		<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9		1.2 mg/kg	1.462	1.456 mg/kg	0.000146 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7		40 mg/kg	1.126	37.379 mg/kg	0.00374 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8		0.74 mg/kg	1.353	0.831 mg/kg	0.0000831 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]		11 mg/kg	2.022	18.465 mg/kg	0.00185 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	59 mg/kg		48.97 mg/kg	0.0049 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2		2.4 mg/kg	2.554	5.087 mg/kg	0.000509 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8		3 mg/kg	1.785	4.445 mg/kg	0.000445 %	✓	

#	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	zinc { zinc oxide }				30 mg/kg	1.245	30.993 mg/kg	0.0031 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				20 mg/kg		16.6 mg/kg	0.00166 %		✓	
			TPH								
16	naphthalene				0.15 mg/kg		0.125 mg/kg	0.0000124 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.19 mg/kg		0.158 mg/kg	0.0000158 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0177 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00166%)

Classification of sample: S2-BH249[4]

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

Sample details

Sample name:	LoW Code:
S2-BH249[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight 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	pH		PH		11.4 pH		11.4 pH	11.4 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10 mg/kg	1.32	11.355 mg/kg	0.00114 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.58 mg/kg	1.142	0.57 mg/kg	0.000057 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.5 mg/kg	1.462	6.913 mg/kg	0.000691 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	29 mg/kg	1.126	28.08 mg/kg	0.00281 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.21 mg/kg	1.353	0.244 mg/kg	0.0000244 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	19 mg/kg	2.022	33.046 mg/kg	0.0033 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			23 mg/kg		19.78 mg/kg	0.00198 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	2.8 mg/kg	2.554	6.15 mg/kg	0.000615 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	12 mg/kg	1.785	18.423 mg/kg	0.00184 %	✓	

#		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		zinc { zinc oxide }				62 mg/kg	1.245	66.368 mg/kg	0.00664 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				19.52 mg/kg		16.787 mg/kg	0.00168 %	✓	
				TPH							
16		naphthalene				0.12 mg/kg		0.103 mg/kg	0.0000103 %	✓	
			601-052-00-2	202-049-5							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				205-917-1							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				201-469-6							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				201-695-5							
20		phenanthrene				0.17 mg/kg		0.146 mg/kg	0.0000146 %	✓	
				201-581-5							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				204-371-1							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				205-912-4							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				204-927-3							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-033-00-9	200-280-6							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-048-00-0	205-923-4							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-034-00-4	205-911-9							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-036-00-5	205-916-6							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-032-00-3	200-028-5							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				205-893-2							
30		dibenz[a,h]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			601-041-00-2	200-181-8							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
				205-883-8							
32		benzene				2.6 µg/kg		0.0022 mg/kg	0.000000224 %	✓	
			601-020-00-8	200-753-7							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
			601-021-00-3	203-625-9							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
			601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			604-001-00-2	203-632-7							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

benzene: (conc.: 2.24e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00168%)

Classification of sample: S2-TP263

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

Sample details

Sample name:	LoW Code:
S2-TP263	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.5% Wet Weight 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	pH				8.5 pH		8.5 pH	8.5 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				6.4 mg/kg	1.32	7.816 mg/kg	0.000782 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.27 mg/kg	1.142	0.285 mg/kg	0.0000285 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23 mg/kg	1.462	31.095 mg/kg	0.00311 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	24.995 mg/kg	0.0025 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.138 mg/kg	0.0000138 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				13 mg/kg	2.022	24.32 mg/kg	0.00243 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	30 mg/kg		27.75 mg/kg	0.00278 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.1 mg/kg	2.554	2.599 mg/kg	0.00026 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				25 mg/kg	1.785	41.282 mg/kg	0.00413 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				49 mg/kg	1.245	56.417 mg/kg	0.00564 %	☒		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				32.2 mg/kg		29.785 mg/kg	0.00298 %	☒		
				TPH								
16		naphthalene				0.67 mg/kg		0.62 mg/kg	0.000062 %	☒		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				0.64 mg/kg		0.592 mg/kg	0.0000592 %	☒		
			205-917-1	208-96-8								
18		acenaphthene				0.63 mg/kg		0.583 mg/kg	0.0000583 %	☒		
			201-469-6	83-32-9								
19		fluorene				0.95 mg/kg		0.879 mg/kg	0.0000879 %	☒		
			201-695-5	86-73-7								
20		phenanthrene				2.2 mg/kg		2.035 mg/kg	0.000204 %	☒		
			201-581-5	85-01-8								
21		anthracene				1.3 mg/kg		1.203 mg/kg	0.00012 %	☒		
			204-371-1	120-12-7								
22		fluoranthene				2.1 mg/kg		1.943 mg/kg	0.000194 %	☒		
			205-912-4	206-44-0								
23		pyrene				2 mg/kg		1.85 mg/kg	0.000185 %	☒		
			204-927-3	129-00-0								
24		benzo[a]anthracene				2.6 mg/kg		2.405 mg/kg	0.000241 %	☒		
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				3 mg/kg		2.775 mg/kg	0.000277 %	☒		
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				3 mg/kg		2.775 mg/kg	0.000277 %	☒		
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				2.4 mg/kg		2.22 mg/kg	0.000222 %	☒		
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				2.5 mg/kg		2.313 mg/kg	0.000231 %	☒		
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				3 mg/kg		2.775 mg/kg	0.000277 %	☒		
			205-893-2	193-39-5								
30		dibenz[a,h]anthracene				2.5 mg/kg		2.313 mg/kg	0.000231 %	☒		
		601-041-00-2	200-181-8	53-70-3								
31		benzo[ghi]perylene				2.7 mg/kg		2.498 mg/kg	0.00025 %	☒		
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0281 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00298%)

Classification of sample: S2-TP263[2]

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

Sample details

Sample name:	LoW Code:
S2-TP263[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.9 pH		8.9 pH	8.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.48 mg/kg	5.719	2.333 mg/kg	0.000233 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	13.467 mg/kg	0.00135 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.26 mg/kg	1.142	0.252 mg/kg	0.0000252 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.3 mg/kg	1.462	9.069 mg/kg	0.000907 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				42 mg/kg	1.126	40.194 mg/kg	0.00402 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.12 mg/kg	1.353	0.138 mg/kg	0.0000138 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				30 mg/kg	2.022	51.572 mg/kg	0.00516 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	34 mg/kg		28.9 mg/kg	0.00289 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.1 mg/kg	2.554	2.388 mg/kg	0.000239 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				11 mg/kg	1.785	16.691 mg/kg	0.00167 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				93 mg/kg	1.245	98.395 mg/kg	0.00984 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				150 mg/kg		127.5 mg/kg	0.0127 %	✓	
				TPH							
16		naphthalene				1.2 mg/kg		1.02 mg/kg	0.000102 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				0.41 mg/kg		0.349 mg/kg	0.0000349 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.38 mg/kg		0.323 mg/kg	0.0000323 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				1.5 mg/kg		1.275 mg/kg	0.000127 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.6 mg/kg		0.51 mg/kg	0.000051 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				1.5 mg/kg		1.275 mg/kg	0.000127 %	✓	
			205-912-4	206-44-0							
23		pyrene				1.5 mg/kg		1.275 mg/kg	0.000127 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				0.69 mg/kg		0.587 mg/kg	0.0000587 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				1 mg/kg		0.85 mg/kg	0.000085 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				0.9 mg/kg		0.765 mg/kg	0.0000765 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				0.28 mg/kg		0.238 mg/kg	0.0000238 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				0.39 mg/kg		0.331 mg/kg	0.0000331 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				1.5 µg/kg		0.0012 mg/kg	0.000000128 %	✓	
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0402 %		

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

benzene: (conc.: 1.28e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0127%)

WAC results for sample: S2-TP263[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	52	3	5	6
2	LOI (loss on ignition)	%	34	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	100	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	20	100	-	-
7	pH	pH	8.9	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.015	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0004	0.5	2	25
10	barium	mg/kg	0.3	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0048	0.5	10	70
13	copper	mg/kg	0.0012	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.085	0.5	10	30
16	nickel	mg/kg	<0.0005	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	<0.0005	0.06	0.7	5
19	selenium	mg/kg	0.015	0.1	0.5	7
20	zinc	mg/kg	0.035	4	50	200
21	chloride	mg/kg	140	800	15,000	25,000
22	fluoride	mg/kg	5.1	10	150	500
23	sulphate	mg/kg	230	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	1800	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP263[3]

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

Sample details

Sample name:	LoW Code:
S2-TP263[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.7 m	
Moisture content:	
16%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight 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	pH		PH		8.7 pH		8.7 pH	8.7 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11 mg/kg	1.32	12.2 mg/kg	0.00122 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.12 mg/kg	1.142	0.115 mg/kg	0.0000115 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	7.2 mg/kg	1.462	8.839 mg/kg	0.000884 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	36 mg/kg	1.126	34.047 mg/kg	0.0034 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.11 mg/kg	1.353	0.125 mg/kg	0.0000125 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	25 mg/kg	2.022	42.471 mg/kg	0.00425 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			19 mg/kg		15.96 mg/kg	0.0016 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.1 mg/kg	2.554	2.36 mg/kg	0.000236 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	11 mg/kg	1.785	16.495 mg/kg	0.00165 %	✓	

#		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		zinc { zinc oxide }				68 mg/kg	1.245	71.098 mg/kg	0.00711 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				18 mg/kg		15.12 mg/kg	0.00151 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00151%)

Classification of sample: S2-TP267


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

Sample details

Sample name:	LoW Code:
S2-TP267	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.8 pH		8.8 pH	8.8 pH		
2	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]		<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4		6.9 mg/kg	1.32	7.744 mg/kg	0.000774 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2		0.15 mg/kg	1.142	0.146 mg/kg	0.0000146 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9		5 mg/kg	1.462	6.212 mg/kg	0.000621 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7		40 mg/kg	1.126	38.28 mg/kg	0.00383 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8		0.18 mg/kg	1.353	0.207 mg/kg	0.0000207 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]		13 mg/kg	2.022	22.348 mg/kg	0.00223 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	25 mg/kg		21.25 mg/kg	0.00213 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2		0.76 mg/kg	2.554	1.65 mg/kg	0.000165 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8		6.2 mg/kg	1.785	9.408 mg/kg	0.000941 %	✓	

#	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	zinc { zinc oxide }				59 mg/kg	1.245	62.422 mg/kg	0.00624 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				36 mg/kg		30.6 mg/kg	0.00306 %		✓	
			TPH								
16	naphthalene				1.4 mg/kg		1.19 mg/kg	0.000119 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				1.9 mg/kg		1.615 mg/kg	0.000162 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.29 mg/kg		0.247 mg/kg	0.0000246 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				2.4 mg/kg		2.04 mg/kg	0.000204 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.6 mg/kg		1.36 mg/kg	0.000136 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				1.1 mg/kg		0.935 mg/kg	0.0000935 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				1.1 mg/kg		0.935 mg/kg	0.0000935 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				1.6 mg/kg		1.36 mg/kg	0.000136 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.58 mg/kg		0.493 mg/kg	0.0000493 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.82 mg/kg		0.697 mg/kg	0.0000697 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0216 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00306%)

Classification of sample: S2-TP267[2]

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

Sample details

Sample name:	LoW Code:
S2-TP267[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.4 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.6% Wet Weight 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	pH				9 pH		9 pH	9pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				8.3 mg/kg	1.32	10.016 mg/kg	0.001 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				2.4 mg/kg	1.462	3.206 mg/kg	0.000321 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				63 mg/kg	1.126	64.831 mg/kg	0.00648 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.21 mg/kg	1.353	0.26 mg/kg	0.000026 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				21 mg/kg	2.022	38.818 mg/kg	0.00388 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	28 mg/kg		25.592 mg/kg	0.00256 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2.1 mg/kg	2.554	4.902 mg/kg	0.00049 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.1 mg/kg	1.785	8.321 mg/kg	0.000832 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				42 mg/kg	1.245	47.782 mg/kg	0.00478 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				20 mg/kg		18.28 mg/kg	0.00183 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				0.26 mg/kg		0.238 mg/kg	0.0000238 %	✓	
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0228 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00183%)

Classification of sample: S2-BH245[3]

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

Sample details

Sample name:	LoW Code:
S2-BH245[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.7 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.3 pH		8.3 pH	8.3 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				11 mg/kg	1.32	12.926 mg/kg	0.00129 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.11 mg/kg	1.142	0.112 mg/kg	0.0000112 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.8 mg/kg	1.462	11.447 mg/kg	0.00114 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				36 mg/kg	1.126	36.073 mg/kg	0.00361 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.07 mg/kg	1.353	0.0843 mg/kg	0.00000843 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				27 mg/kg	2.022	48.599 mg/kg	0.00486 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20 mg/kg		17.8 mg/kg	0.00178 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.71 mg/kg	2.554	1.614 mg/kg	0.000161 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	20.655 mg/kg	0.00207 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				77 mg/kg	1.245	85.3 mg/kg	0.00853 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				16 mg/kg		14.24 mg/kg	0.00142 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00142%)

Classification of sample: S2-BH245[4]

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

Sample details

Sample name:	LoW Code:
S2-BH245[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.6 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% Wet Weight 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	pH		PH		7.9 pH		7.9 pH	7.9 pH		
2	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]	0.83 mg/kg	5.719	3.987 mg/kg	0.000399 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.2 mg/kg	1.32	9.094 mg/kg	0.000909 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.11 mg/kg	1.142	0.106 mg/kg	0.0000106 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	12 mg/kg	1.462	14.732 mg/kg	0.00147 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	27 mg/kg	1.126	25.535 mg/kg	0.00255 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.06 mg/kg	1.353	0.0682 mg/kg	0.00000682 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	30 mg/kg	2.022	50.965 mg/kg	0.0051 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			18 mg/kg		15.12 mg/kg	0.00151 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.88 mg/kg	2.554	1.888 mg/kg	0.000189 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	12 mg/kg	1.785	17.995 mg/kg	0.0018 %	✓	

#		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		zinc { zinc oxide }				71	mg/kg	1.245	74.235	mg/kg	0.00742 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				20	mg/kg		16.8	mg/kg	0.00168 %	✓	
				TPH									
16		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00168%)

Classification of sample: S2-TP262

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

Sample details

Sample name:	LoW Code:
S2-TP262	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight 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	pH				8.9 pH		8.9 pH	8.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				4.4 mg/kg	1.32	4.706 mg/kg	0.000471 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13 mg/kg	1.462	15.39 mg/kg	0.00154 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	19.151 mg/kg	0.00192 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.07 mg/kg	1.353	0.0767 mg/kg	0.00000767 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				9.3 mg/kg	2.022	15.235 mg/kg	0.00152 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20 mg/kg		16.2 mg/kg	0.00162 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.85 mg/kg	2.554	1.758 mg/kg	0.000176 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				16 mg/kg	1.785	23.136 mg/kg	0.00231 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				21 mg/kg	1.245	21.173 mg/kg	0.00212 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				73.57 mg/kg		59.592 mg/kg	0.00596 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0183 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00596%)

Classification of sample: S2-TP262[2]

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

Sample details

Sample name:	LoW Code:
S2-TP262[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.6 pH		8.6 pH	8.6 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				11 mg/kg	1.32	12.345 mg/kg	0.00123 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.4 mg/kg	1.142	0.388 mg/kg	0.0000388 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.1 mg/kg	1.462	10.063 mg/kg	0.00101 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				48 mg/kg	1.126	45.936 mg/kg	0.00459 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.16 mg/kg	1.353	0.184 mg/kg	0.0000184 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				23 mg/kg	2.022	39.538 mg/kg	0.00395 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	46 mg/kg		39.1 mg/kg	0.00391 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.4 mg/kg	2.554	3.039 mg/kg	0.000304 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				12 mg/kg	1.785	18.209 mg/kg	0.00182 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				92	mg/kg	1.245	97.337	mg/kg	0.00973 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				65	mg/kg		55.25	mg/kg	0.00553 %	✓	
				TPH									
16		naphthalene				1.1	mg/kg		0.935	mg/kg	0.0000935 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				1.2	mg/kg		1.02	mg/kg	0.000102 %	✓	
			201-581-5	85-01-8									
21		anthracene				0.29	mg/kg		0.247	mg/kg	0.0000246 %	✓	
			204-371-1	120-12-7									
22		fluoranthene				1	mg/kg		0.85	mg/kg	0.000085 %	✓	
			205-912-4	206-44-0									
23		pyrene				0.71	mg/kg		0.603	mg/kg	0.0000603 %	✓	
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
Total:									0.0331 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00553%)

WAC results for sample: S2-TP262[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	41	3	5	6
2	LOI (loss on ignition)	%	38	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	67	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	12	100	-	-
7	pH	pH	8.6	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.015	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0045	0.5	2	25
10	barium	mg/kg	1.1	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0013	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.1	0.5	10	30
16	nickel	mg/kg	0.0011	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.011	0.06	0.7	5
19	selenium	mg/kg	0.019	0.1	0.5	7
20	zinc	mg/kg	0.041	4	50	200
21	chloride	mg/kg	29	800	15,000	25,000
22	fluoride	mg/kg	3.5	10	150	500
23	sulphate	mg/kg	170	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	1200	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP260

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

Sample details

Sample name:	LoW Code:
S2-TP260	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
9.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.5% Wet Weight 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	pH		PH		8.9 pH		8.9 pH	8.9 pH		
2	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	2.588 mg/kg	0.000259 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.2 mg/kg	1.32	9.798 mg/kg	0.00098 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	1.5 mg/kg	1.462	1.984 mg/kg	0.000198 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	33 mg/kg	1.126	33.625 mg/kg	0.00336 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.13 mg/kg	1.353	0.159 mg/kg	0.0000159 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	15 mg/kg	2.022	27.454 mg/kg	0.00275 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			31 mg/kg		28.055 mg/kg	0.00281 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.8 mg/kg	2.554	4.16 mg/kg	0.000416 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	3.4 mg/kg	1.785	5.493 mg/kg	0.000549 %	✓	

#		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		zinc { zinc oxide }				35 mg/kg	1.245	39.426 mg/kg	0.00394 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				19 mg/kg		17.195 mg/kg	0.00172 %	✓	
				TPH							
16		naphthalene				0.43 mg/kg		0.389 mg/kg	0.0000389 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0174 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00172%)

Classification of sample: S2-TP260[2]


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

Sample details

Sample name:	LoW Code:
S2-TP260[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.3% Wet Weight 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	pH				9.3 pH		9.3 pH	9.3 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.59 mg/kg	5.719	3.094 mg/kg	0.000309 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				7.1 mg/kg	1.32	8.596 mg/kg	0.00086 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				5.8 mg/kg	1.462	7.773 mg/kg	0.000777 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				50 mg/kg	1.126	51.622 mg/kg	0.00516 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.17 mg/kg	1.353	0.211 mg/kg	0.0000211 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				25 mg/kg	2.022	46.364 mg/kg	0.00464 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	28 mg/kg		25.676 mg/kg	0.00257 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.8 mg/kg	2.554	4.215 mg/kg	0.000422 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	21.281 mg/kg	0.00213 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				44 mg/kg	1.245	50.222 mg/kg	0.00502 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				16 mg/kg		14.672 mg/kg	0.00147 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0238 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00147%)

Classification of sample: S2-TP260[3]

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

Sample details

Sample name:	LoW Code:
S2-TP260[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% Wet Weight 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	pH		PH		8.7 pH		8.7 pH	8.7 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	14.788 mg/kg	0.00148 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	1.9 mg/kg	1.462	2.222 mg/kg	0.000222 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	23 mg/kg	1.126	20.716 mg/kg	0.00207 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.49 mg/kg	1.353	0.531 mg/kg	0.0000531 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	5.2 mg/kg	2.022	8.413 mg/kg	0.000841 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			24 mg/kg		19.2 mg/kg	0.00192 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	2.8 mg/kg	2.554	5.721 mg/kg	0.000572 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	6.1 mg/kg	1.785	8.712 mg/kg	0.000871 %	✓	

#		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		zinc { zinc oxide }				22 mg/kg	1.245	21.907 mg/kg	0.00219 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				20.55 mg/kg		16.44 mg/kg	0.00164 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0125 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00164%)

WAC results for sample: S2-TP260[3]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample **PASSES** the Inert (Inert waste landfill) criteria.

The sample **PASSES** the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	<0.2	3	5	6
2	LOI (loss on ignition)	%	44	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	<10	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	8.2	100	-	-
7	pH	pH	8.7	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.012	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.024	0.5	2	25
10	barium	mg/kg	0.19	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0017	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.024	0.5	10	30
16	nickel	mg/kg	0.022	0.4	10	40
17	lead	mg/kg	0.0077	0.5	10	50
18	antimony	mg/kg	0.018	0.06	0.7	5
19	selenium	mg/kg	0.015	0.1	0.5	7
20	zinc	mg/kg	0.091	4	50	200
21	chloride	mg/kg	<10	800	15,000	25,000
22	fluoride	mg/kg	1.1	10	150	500
23	sulphate	mg/kg	73	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	560	4,000	60,000	100,000

Key

	User supplied data
	Not applicable

Classification of sample: S2-TP275

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

Sample details

Sample name:	LoW Code:
S2-TP275	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.9 m	
Moisture content:	
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	pH		PH		7.6 pH		7.6 pH	7.6 pH		
2	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]	0.59 mg/kg	5.719	2.969 mg/kg	0.000297 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	20 mg/kg	1.32	23.238 mg/kg	0.00232 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.34 mg/kg	1.142	0.342 mg/kg	0.0000342 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	8.8 mg/kg	1.462	11.318 mg/kg	0.00113 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	64 mg/kg	1.126	63.41 mg/kg	0.00634 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.21 mg/kg	1.353	0.25 mg/kg	0.000025 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	34 mg/kg	2.022	60.511 mg/kg	0.00605 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			51 mg/kg		44.88 mg/kg	0.00449 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.9 mg/kg	2.554	4.27 mg/kg	0.000427 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	12 mg/kg	1.785	18.852 mg/kg	0.00189 %	✓	

#		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		zinc { zinc oxide }				100 mg/kg	1.245	109.535 mg/kg	0.011 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				32 mg/kg		28.16 mg/kg	0.00282 %	✓	
				TPH							
16		naphthalene				1.8 mg/kg		1.584 mg/kg	0.000158 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				0.19 mg/kg		0.167 mg/kg	0.0000167 %	✓	
			205-917-1	208-96-8							
18		acenaphthene				1.3 mg/kg		1.144 mg/kg	0.000114 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.61 mg/kg		0.537 mg/kg	0.0000537 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				1.9 mg/kg		1.672 mg/kg	0.000167 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.62 mg/kg		0.546 mg/kg	0.0000546 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				3 mg/kg		2.64 mg/kg	0.000264 %	✓	
			205-912-4	206-44-0							
23		pyrene				2.7 mg/kg		2.376 mg/kg	0.000238 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				2.8 mg/kg		2.464 mg/kg	0.000246 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				3.4 mg/kg		2.992 mg/kg	0.000299 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				4.5 mg/kg		3.96 mg/kg	0.000396 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				1.5 mg/kg		1.32 mg/kg	0.000132 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				2.4 mg/kg		2.112 mg/kg	0.000211 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				2.2 mg/kg		1.936 mg/kg	0.000194 %	✓	
			205-893-2	193-39-5							
30		dibenz[a,h]anthracene				0.74 mg/kg		0.651 mg/kg	0.0000651 %	✓	
		601-041-00-2	200-181-8	53-70-3							
31		benzo[ghi]perylene				2 mg/kg		1.76 mg/kg	0.000176 %	✓	
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0398 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00282%)

Classification of sample: S2-TP271

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

Sample details

Sample name:	LoW Code:
S2-TP271	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight 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	pH				7.7 pH		7.7 pH	7.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.52 mg/kg	5.719	2.677 mg/kg	0.000268 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				14 mg/kg	1.32	16.636 mg/kg	0.00166 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.3 mg/kg	1.142	0.308 mg/kg	0.0000308 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.2 mg/kg	1.462	8.155 mg/kg	0.000816 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				47 mg/kg	1.126	47.625 mg/kg	0.00476 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.15 mg/kg	1.353	0.183 mg/kg	0.0000183 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				26 mg/kg	2.022	47.324 mg/kg	0.00473 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	38 mg/kg		34.2 mg/kg	0.00342 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.7 mg/kg	2.554	3.907 mg/kg	0.000391 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				11 mg/kg	1.785	17.673 mg/kg	0.00177 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				80 mg/kg	1.245	89.619 mg/kg	0.00896 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				50 mg/kg		45 mg/kg	0.0045 %		✓	
			TPH								
16	naphthalene				1.4 mg/kg		1.26 mg/kg	0.000126 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.19 mg/kg		0.171 mg/kg	0.0000171 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				0.95 mg/kg		0.855 mg/kg	0.0000855 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.45 mg/kg		0.405 mg/kg	0.0000405 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.2 mg/kg		1.08 mg/kg	0.000108 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.4 mg/kg		0.36 mg/kg	0.000036 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				2.3 mg/kg		2.07 mg/kg	0.000207 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.7 mg/kg		1.53 mg/kg	0.000153 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				1.5 mg/kg		1.35 mg/kg	0.000135 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				2.1 mg/kg		1.89 mg/kg	0.000189 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				2.6 mg/kg		2.34 mg/kg	0.000234 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.81 mg/kg		0.729 mg/kg	0.0000729 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				1.5 mg/kg		1.35 mg/kg	0.000135 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				1.3 mg/kg		1.17 mg/kg	0.000117 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.33 mg/kg		0.297 mg/kg	0.0000297 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.93 mg/kg		0.837 mg/kg	0.0000837 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0333 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0045%)

WAC results for sample: S2-TP271

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample cannot be evaluated against the Inert (Inert waste landfill) criteria because of missing determinand values.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	6.5	3	5	6
2	LOI (loss on ignition)	%		-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg		6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg		1	-	-
5	Mineral oil (C10 to C40)	mg/kg		500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg		100	-	-
7	pH	pH	7.7	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg		-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.011	0.5	2	25
10	barium	mg/kg	0.36	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.0067	0.5	10	70
13	copper	mg/kg	0.0011	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.12	0.5	10	30
16	nickel	mg/kg	<0.0005	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.0008	0.06	0.7	5
19	selenium	mg/kg	0.021	0.1	0.5	7
20	zinc	mg/kg	0.21	4	50	200
21	chloride	mg/kg	45	800	15,000	25,000
22	fluoride	mg/kg	7	10	150	500
23	sulphate	mg/kg	210	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	1200	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	Missing WAC determinand value
	SNRHW WAC criteria fail

Classification of sample: S2-TP271[2]


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

Sample details

Sample name:	LoW Code:
S2-TP271[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				7.6 pH		7.6 pH	7.6 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.49 mg/kg	5.719	2.494 mg/kg	0.000249 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				17 mg/kg	1.32	19.977 mg/kg	0.002 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.29 mg/kg	1.142	0.295 mg/kg	0.0000295 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.1 mg/kg	1.462	7.935 mg/kg	0.000793 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				54 mg/kg	1.126	54.11 mg/kg	0.00541 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.21 mg/kg	1.353	0.253 mg/kg	0.0000253 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				28 mg/kg	2.022	50.399 mg/kg	0.00504 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	39 mg/kg		34.71 mg/kg	0.00347 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.5 mg/kg	2.554	3.409 mg/kg	0.000341 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				9.9 mg/kg	1.785	15.729 mg/kg	0.00157 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				86 mg/kg	1.245	95.27 mg/kg	0.00953 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				58 mg/kg		51.62 mg/kg	0.00516 %		✓	
			TPH								
16	naphthalene				1.7 mg/kg		1.513 mg/kg	0.000151 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.19 mg/kg		0.169 mg/kg	0.0000169 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				1.4 mg/kg		1.246 mg/kg	0.000125 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.51 mg/kg		0.454 mg/kg	0.0000454 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.7 mg/kg		1.513 mg/kg	0.000151 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.49 mg/kg		0.436 mg/kg	0.0000436 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				2.8 mg/kg		2.492 mg/kg	0.000249 %		✓	
		205-912-4	206-44-0								
23	pyrene				2.4 mg/kg		2.136 mg/kg	0.000214 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				2.3 mg/kg		2.047 mg/kg	0.000205 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				2.8 mg/kg		2.492 mg/kg	0.000249 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				4.1 mg/kg		3.649 mg/kg	0.000365 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				1.6 mg/kg		1.424 mg/kg	0.000142 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				2.1 mg/kg		1.869 mg/kg	0.000187 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				2.2 mg/kg		1.958 mg/kg	0.000196 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.66 mg/kg		0.587 mg/kg	0.0000587 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				1.8 mg/kg		1.602 mg/kg	0.00016 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0364 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00516%)

Classification of sample: S2-TP271[3]

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

Sample details

Sample name:	LoW Code:
S2-TP271[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.2% Wet Weight 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	pH		PH		7.5 pH		7.5 pH	7.5 pH		
2	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	6.3 mg/kg	0.00063 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	13 mg/kg	1.32	15.757 mg/kg	0.00158 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.64 mg/kg	1.142	0.671 mg/kg	0.0000671 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	6.1 mg/kg	1.462	8.184 mg/kg	0.000818 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	33 mg/kg	1.126	34.108 mg/kg	0.00341 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.06 mg/kg	1.353	0.0746 mg/kg	0.00000746 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	35 mg/kg	2.022	64.98 mg/kg	0.0065 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			20 mg/kg		18.36 mg/kg	0.00184 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.75 mg/kg	2.554	1.758 mg/kg	0.000176 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	12 mg/kg	1.785	19.666 mg/kg	0.00197 %	✓	

#		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		zinc { zinc oxide }				100 mg/kg	1.245	114.265 mg/kg	0.0114 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				19 mg/kg		17.442 mg/kg	0.00174 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0305 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00174%)

Classification of sample: S2-TP270

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

Sample details

Sample name:	LoW Code:
S2-TP270	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
5.4%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 5.4% Wet Weight 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	pH				7.8 pH		7.8 pH	7.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				1.4 mg/kg	5.719	7.574 mg/kg	0.000757 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				8.2 mg/kg	1.32	10.242 mg/kg	0.00102 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.22 mg/kg	1.142	0.238 mg/kg	0.0000238 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.4 mg/kg	1.462	4.701 mg/kg	0.00047 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				58 mg/kg	1.126	61.775 mg/kg	0.00618 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.06 mg/kg	1.353	0.0768 mg/kg	0.00000768 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				35 mg/kg	2.022	66.962 mg/kg	0.0067 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	40 mg/kg		37.84 mg/kg	0.00378 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.91 mg/kg	2.554	2.198 mg/kg	0.00022 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.9 mg/kg	1.785	9.964 mg/kg	0.000996 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				110 mg/kg	1.245	129.525 mg/kg	0.013 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				16 mg/kg		15.136 mg/kg	0.00151 %		✓	
			TPH								
16	naphthalene				1.6 mg/kg		1.514 mg/kg	0.000151 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				1.4 mg/kg		1.324 mg/kg	0.000132 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.34 mg/kg		0.322 mg/kg	0.0000322 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				0.2 mg/kg		0.189 mg/kg	0.0000189 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0353 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00151%)

Classification of sample: S2-TP270[2]

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

Sample details

Sample name:	LoW Code:
S2-TP270[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
0.5 m	
Moisture content:	
6.6%	
(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 determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.112%)

Determinands

Moisture content: 6.6% Wet Weight 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	pH		PH		7.7 pH		7.7 pH	7.7 pH		
2	boron { boric acid; [1] boric acid; [2] }	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]		0.53 mg/kg	5.719	2.831 mg/kg	0.000283 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	8.1 mg/kg	1.32	9.989 mg/kg	0.000999 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.16 mg/kg	1.142	0.171 mg/kg	0.0000171 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.1 mg/kg	1.462	6.962 mg/kg	0.000696 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	58 mg/kg	1.126	60.992 mg/kg	0.0061 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.11 mg/kg	1.353	0.139 mg/kg	0.0000139 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	35 mg/kg	2.022	66.113 mg/kg	0.00661 %	✓	

#	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									
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	1200	mg/kg		1120.8	mg/kg	0.112 %	✓	
	082-001-00-6											
11	selenium { nickel selenate }				1.3	mg/kg	2.554	3.101	mg/kg	0.00031 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				8	mg/kg	1.785	13.339	mg/kg	0.00133 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
13	zinc { zinc oxide }				93	mg/kg	1.245	108.118	mg/kg	0.0108 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
	024-017-00-8											
15	TPH (C6 to C40) petroleum group				17	mg/kg		15.878	mg/kg	0.00159 %	✓	
			TPH									
16	naphthalene				2.4	mg/kg		2.242	mg/kg	0.000224 %	✓	
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				2.1	mg/kg		1.961	mg/kg	0.000196 %	✓	
		201-469-6	83-32-9									
19	fluorene				0.58	mg/kg		0.542	mg/kg	0.0000542 %	✓	
		201-695-5	86-73-7									
20	phenanthrene				0.48	mg/kg		0.448	mg/kg	0.0000448 %	✓	
		201-581-5	85-01-8									
21	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				0.24	mg/kg		0.224	mg/kg	0.0000224 %	✓	
		205-912-4	206-44-0									
23	pyrene				0.18	mg/kg		0.168	mg/kg	0.0000168 %	✓	
		204-927-3	129-00-0									
24	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
26	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
27	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
29	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
30	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									
31	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
32	benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
33	toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
34	xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	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]									
35	phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
Total:										0.142 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00159%)

Classification of sample: S2-TP270[3]

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

Sample details

Sample name:	LoW Code:
S2-TP270[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight 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	pH				7.8 pH		7.8 pH	7.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.59 mg/kg	5.719	3.037 mg/kg	0.000304 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				36 mg/kg	1.32	42.779 mg/kg	0.00428 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.34 mg/kg	1.142	0.35 mg/kg	0.000035 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	21.046 mg/kg	0.0021 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				270 mg/kg	1.126	273.591 mg/kg	0.0274 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.87 mg/kg	1.353	1.06 mg/kg	0.000106 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				45 mg/kg	2.022	81.908 mg/kg	0.00819 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	100 mg/kg		90 mg/kg	0.009 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.2 mg/kg	2.554	2.758 mg/kg	0.000276 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentoxide; vanadium pentoxide }				12 mg/kg	1.785	19.28 mg/kg	0.00193 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				210 mg/kg	1.245	235.251 mg/kg	0.0235 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				70 mg/kg		63 mg/kg	0.0063 %		✓	
			TPH								
16	naphthalene				2.2 mg/kg		1.98 mg/kg	0.000198 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.43 mg/kg		0.387 mg/kg	0.0000387 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				1.6 mg/kg		1.44 mg/kg	0.000144 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.69 mg/kg		0.621 mg/kg	0.0000621 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				3.6 mg/kg		3.24 mg/kg	0.000324 %		✓	
		201-581-5	85-01-8								
21	anthracene				1 mg/kg		0.9 mg/kg	0.00009 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				4.6 mg/kg		4.14 mg/kg	0.000414 %		✓	
		205-912-4	206-44-0								
23	pyrene				3.9 mg/kg		3.51 mg/kg	0.000351 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				2.7 mg/kg		2.43 mg/kg	0.000243 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				3.8 mg/kg		3.42 mg/kg	0.000342 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				5.6 mg/kg		5.04 mg/kg	0.000504 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				2 mg/kg		1.8 mg/kg	0.00018 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				3.4 mg/kg		3.06 mg/kg	0.000306 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				3 mg/kg		2.7 mg/kg	0.00027 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.88 mg/kg		0.792 mg/kg	0.0000792 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				2.7 mg/kg		2.43 mg/kg	0.000243 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0874 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0063%)

Classification of sample: S2-BH250

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

Sample details

Sample name:	LoW Code:
S2-BH250	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight 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	pH		PH		7.6 pH		7.6 pH	7.6 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	22 mg/kg	1.32	24.981 mg/kg	0.0025 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.18 mg/kg	1.142	0.177 mg/kg	0.0000177 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	8.8 mg/kg	1.462	11.061 mg/kg	0.00111 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	60 mg/kg	1.126	58.096 mg/kg	0.00581 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	1.2 mg/kg	1.353	1.397 mg/kg	0.00014 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	31 mg/kg	2.022	53.918 mg/kg	0.00539 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			29 mg/kg		24.94 mg/kg	0.00249 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.4 mg/kg	2.554	3.075 mg/kg	0.000307 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	18 mg/kg	1.785	27.635 mg/kg	0.00276 %	✓	

#		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		zinc { zinc oxide }				47	mg/kg	1.245	50.311	mg/kg	0.00503 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				70	mg/kg		60.2	mg/kg	0.00602 %	✓	
				TPH									
16		naphthalene				2.3	mg/kg		1.978	mg/kg	0.000198 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				0.2	mg/kg		0.172	mg/kg	0.0000172 %	✓	
			205-917-1	208-96-8									
18		acenaphthene				1.9	mg/kg		1.634	mg/kg	0.000163 %	✓	
			201-469-6	83-32-9									
19		fluorene				0.57	mg/kg		0.49	mg/kg	0.000049 %	✓	
			201-695-5	86-73-7									
20		phenanthrene				0.6	mg/kg		0.516	mg/kg	0.0000516 %	✓	
			201-581-5	85-01-8									
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				0.53	mg/kg		0.456	mg/kg	0.0000456 %	✓	
			205-912-4	206-44-0									
23		pyrene				0.46	mg/kg		0.396	mg/kg	0.0000396 %	✓	
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				0.43	mg/kg		0.37	mg/kg	0.000037 %	✓	
		604-001-00-2	203-632-7	108-95-2									
Total:									0.0327 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00602%)

WAC results for sample: S2-BH250

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample cannot be evaluated against the Inert (Inert waste landfill) criteria because of missing determinand values.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	9.8	3	5	6
2	LOI (loss on ignition)	%		-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg		6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg		1	-	-
5	Mineral oil (C10 to C40)	mg/kg		500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg		100	-	-
7	pH	pH	7.6	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg		-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0062	0.5	2	25
10	barium	mg/kg	0.16	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0014	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.056	0.5	10	30
16	nickel	mg/kg	<0.0005	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.0007	0.06	0.7	5
19	selenium	mg/kg	0.0013	0.1	0.5	7
20	zinc	mg/kg	0.39	4	50	200
21	chloride	mg/kg	21	800	15,000	25,000
22	fluoride	mg/kg	7.1	10	150	500
23	sulphate	mg/kg	<10	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	580	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	Missing WAC determinand value
	SNRHW WAC criteria fail

Classification of sample: S2-BH250[2]

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

Sample details

Sample name:	LoW Code:
S2-BH250[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
31%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 31% Wet Weight 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	pH		PH		7.5 pH		7.5 pH	7.5 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	32 mg/kg	1.32	29.153 mg/kg	0.00292 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	16 mg/kg	1.462	16.136 mg/kg	0.00161 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	52 mg/kg	1.126	40.397 mg/kg	0.00404 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	30 mg/kg	2.022	41.864 mg/kg	0.00419 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			13 mg/kg		8.97 mg/kg	0.000897 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.8 mg/kg	2.554	3.172 mg/kg	0.000317 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	45 mg/kg	1.785	55.43 mg/kg	0.00554 %	✓	

#		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		zinc { zinc oxide }				27	mg/kg	1.245	23.189	mg/kg	0.00232 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				87	mg/kg		60.03	mg/kg	0.006 %	✓	
				TPH									
16		naphthalene				1.3	mg/kg		0.897	mg/kg	0.0000897 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				0.2	mg/kg		0.138	mg/kg	0.0000138 %	✓	
			205-917-1	208-96-8									
18		acenaphthene				1.2	mg/kg		0.828	mg/kg	0.0000828 %	✓	
			201-469-6	83-32-9									
19		fluorene				0.18	mg/kg		0.124	mg/kg	0.0000124 %	✓	
			201-695-5	86-73-7									
20		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
Total:									0.0286 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.006%)

Classification of sample: S2-BH248

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

Sample details

Sample name:	LoW Code:
S2-BH248	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.5% Wet Weight 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	pH				7.6 pH		7.6 pH	7.6 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				7.7 mg/kg	1.32	9.302 mg/kg	0.00093 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.21 mg/kg	1.142	0.219 mg/kg	0.0000219 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				5.2 mg/kg	1.462	6.954 mg/kg	0.000695 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				38 mg/kg	1.126	39.147 mg/kg	0.00391 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.06 mg/kg	1.353	0.0743 mg/kg	0.00000743 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				26 mg/kg	2.022	48.113 mg/kg	0.00481 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	21 mg/kg		19.215 mg/kg	0.00192 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.87 mg/kg	2.554	2.033 mg/kg	0.000203 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.8 mg/kg	1.785	12.741 mg/kg	0.00127 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				72 mg/kg	1.245	82.002 mg/kg	0.0082 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				66 mg/kg		60.39 mg/kg	0.00604 %		✓	
			TPH								
16	naphthalene				1.6 mg/kg		1.464 mg/kg	0.000146 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				1.4 mg/kg		1.281 mg/kg	0.000128 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.36 mg/kg		0.329 mg/kg	0.0000329 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				0.41 mg/kg		0.375 mg/kg	0.0000375 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.45 mg/kg		0.412 mg/kg	0.0000412 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.41 mg/kg		0.375 mg/kg	0.0000375 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
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)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00604%)

Classification of sample: S2-TP2100

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

Sample details

Sample name:	LoW Code:
S2-TP2100	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight 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	pH		PH		7.5 pH		7.5 pH	7.5 pH		
2	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	2.574 mg/kg	0.000257 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	10 mg/kg	1.32	11.883 mg/kg	0.00119 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.17 mg/kg	1.142	0.175 mg/kg	0.0000175 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.1 mg/kg	1.462	6.709 mg/kg	0.000671 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	52 mg/kg	1.126	52.692 mg/kg	0.00527 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.19 mg/kg	1.353	0.231 mg/kg	0.0000231 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	26 mg/kg	2.022	47.324 mg/kg	0.00473 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			110 mg/kg		99 mg/kg	0.0099 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	9.3 mg/kg	2.554	21.376 mg/kg	0.00214 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	7.8 mg/kg	1.785	12.532 mg/kg	0.00125 %	✓	

#		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		zinc { zinc oxide }				61	mg/kg	1.245	68.335	mg/kg	0.00683 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				61	mg/kg		54.9	mg/kg	0.00549 %	✓	
				TPH									
16		naphthalene				1.5	mg/kg		1.35	mg/kg	0.000135 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				1.1	mg/kg		0.99	mg/kg	0.000099 %	✓	
			201-469-6	83-32-9									
19		fluorene				0.48	mg/kg		0.432	mg/kg	0.0000432 %	✓	
			201-695-5	86-73-7									
20		phenanthrene				1.3	mg/kg		1.17	mg/kg	0.000117 %	✓	
			201-581-5	85-01-8									
21		anthracene				0.36	mg/kg		0.324	mg/kg	0.0000324 %	✓	
			204-371-1	120-12-7									
22		fluoranthene				0.84	mg/kg		0.756	mg/kg	0.0000756 %	✓	
			205-912-4	206-44-0									
23		pyrene				0.65	mg/kg		0.585	mg/kg	0.0000585 %	✓	
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
Total:									0.0386 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00549%)

WAC results for sample: S2-TP2100

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample cannot be evaluated against the Inert (Inert waste landfill) criteria because of missing determinand values.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	20	3	5	6
2	LOI (loss on ignition)	%		-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg		6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg		1	-	-
5	Mineral oil (C10 to C40)	mg/kg		500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg		100	-	-
7	pH	pH	7.5	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg		-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0077	0.5	2	25
10	barium	mg/kg	0.27	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	0.0012	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.079	0.5	10	30
16	nickel	mg/kg	0.0006	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.052	0.06	0.7	5
19	selenium	mg/kg	0.046	0.1	0.5	7
20	zinc	mg/kg	0.22	4	50	200
21	chloride	mg/kg	<10	800	15,000	25,000
22	fluoride	mg/kg	3.1	10	150	500
23	sulphate	mg/kg	410	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	1300	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	Missing WAC determinand value
	SNRHW WAC criteria fail

Classification of sample: S2-TP2100[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2100[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.9 m	
Moisture content:	
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	pH				7.7 pH		7.7 pH	7.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.46 mg/kg	5.719	2.315 mg/kg	0.000232 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				11 mg/kg	1.32	12.781 mg/kg	0.00128 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.14 mg/kg	1.142	0.141 mg/kg	0.0000141 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				5.7 mg/kg	1.462	7.331 mg/kg	0.000733 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				73 mg/kg	1.126	72.327 mg/kg	0.00723 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.25 mg/kg	1.353	0.298 mg/kg	0.0000298 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				28 mg/kg	2.022	49.832 mg/kg	0.00498 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	43 mg/kg		37.84 mg/kg	0.00378 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2.8 mg/kg	2.554	6.293 mg/kg	0.000629 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				9.2 mg/kg	1.785	14.453 mg/kg	0.00145 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				61	mg/kg	1.245	66.816	mg/kg	0.00668 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				190	mg/kg		167.2	mg/kg	0.0167 %	✓	
				TPH									
16		naphthalene				1.5	mg/kg		1.32	mg/kg	0.000132 %	✓	
			601-052-00-2	202-049-5									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
				205-917-1									
18		acenaphthene				1.1	mg/kg		0.968	mg/kg	0.0000968 %	✓	
				201-469-6									
19		fluorene				0.55	mg/kg		0.484	mg/kg	0.0000484 %	✓	
				201-695-5									
20		phenanthrene				1.3	mg/kg		1.144	mg/kg	0.000114 %	✓	
				201-581-5									
21		anthracene				0.29	mg/kg		0.255	mg/kg	0.0000255 %	✓	
				204-371-1									
22		fluoranthene				0.97	mg/kg		0.854	mg/kg	0.0000854 %	✓	
				205-912-4									
23		pyrene				0.76	mg/kg		0.669	mg/kg	0.0000669 %	✓	
				204-927-3									
24		benzo[a]anthracene				0.35	mg/kg		0.308	mg/kg	0.0000308 %	✓	
			601-033-00-9	200-280-6									
25		chrysene				0.33	mg/kg		0.29	mg/kg	0.000029 %	✓	
			601-048-00-0	205-923-4									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			601-034-00-4	205-911-9									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			601-036-00-5	205-916-6									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			601-032-00-3	200-028-5									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
				205-893-2									
30		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			601-041-00-2	200-181-8									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
				205-883-8									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			601-020-00-8	200-753-7									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			601-021-00-3	203-625-9									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
			601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			604-001-00-2	203-632-7									
Total:									0.0447 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0167%)

Classification of sample: S2-TP2100[3]

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

Sample details

Sample name:	LoW Code:
S2-TP2100[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% Wet Weight 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	pH				5.1 pH		5.1 pH	5.1 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.62 mg/kg	5.719	2.872 mg/kg	0.000287 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				5.9 mg/kg	1.32	6.31 mg/kg	0.000631 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				15 mg/kg	1.462	17.758 mg/kg	0.00178 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	20.975 mg/kg	0.0021 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				17 mg/kg	2.022	27.849 mg/kg	0.00278 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	24 mg/kg		19.44 mg/kg	0.00194 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.56 mg/kg	2.554	1.158 mg/kg	0.000116 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				13 mg/kg	1.785	18.798 mg/kg	0.00188 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				51 mg/kg	1.245	51.419 mg/kg	0.00514 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				67 mg/kg		54.27 mg/kg	0.00543 %		✓	
			TPH								
16	naphthalene				0.37 mg/kg		0.3 mg/kg	0.00003 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.48 mg/kg		0.389 mg/kg	0.0000389 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.15 mg/kg		0.122 mg/kg	0.0000121 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				0.2 mg/kg		0.162 mg/kg	0.0000162 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.26 mg/kg		0.211 mg/kg	0.0000211 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.22 mg/kg		0.178 mg/kg	0.0000178 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0226 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00543%)

Classification of sample: S2-TP2110

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

Sample details

Sample name:	LoW Code:
S2-TP2110	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
7.8%	
(wet weight correction)	

Hazard properties

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.: 0.129%)

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.: 0.129%)

Determinands

Moisture content: 7.8% Wet Weight 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	pH		PH		6.4 pH		6.4 pH	6.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				5.6 mg/kg	1.32	6.817 mg/kg	0.000682 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.32 mg/kg	1.142	0.337 mg/kg	0.0000337 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.7 mg/kg	1.462	10.376 mg/kg	0.00104 %	✓	
		215-160-9	1308-38-9							

#		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							
7		copper { dicopper oxide; copper (I) oxide }				48 mg/kg	1.126	49.827 mg/kg	0.00498 %	✓	
		029-002-00-X	215-270-7	1317-39-1							
8		mercury { mercury dichloride }				0.09 mg/kg	1.353	0.112 mg/kg	0.0000112 %	✓	
		080-010-00-X	231-299-8	7487-94-7							
9		nickel { nickel(II) carbonate }				51 mg/kg	2.022	95.098 mg/kg	0.00951 %	✓	
		028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10		lead {  lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	30 mg/kg		27.66 mg/kg	0.00277 %	✓	
		082-001-00-6									
11		selenium { nickel selenate }				1.1 mg/kg	2.554	2.59 mg/kg	0.000259 %	✓	
		028-031-00-5	239-125-2	15060-62-5							
12		vanadium { divanadium pentaoxide; vanadium pentoxide }				12 mg/kg	1.785	19.751 mg/kg	0.00198 %	✓	
		023-001-00-8	215-239-8	1314-62-1							
13		zinc { zinc oxide }				140 mg/kg	1.245	160.668 mg/kg	0.0161 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				1400 mg/kg		1290.8 mg/kg	0.129 %	✓	
				TPH							
16		naphthalene				1 mg/kg		0.922 mg/kg	0.0000922 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				0.87 mg/kg		0.802 mg/kg	0.0000802 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.36 mg/kg		0.332 mg/kg	0.0000332 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				0.27 mg/kg		0.249 mg/kg	0.0000249 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.14 mg/kg		0.129 mg/kg	0.0000129 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				0.14 mg/kg		0.129 mg/kg	0.0000129 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							

#	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							
33	toluene									
	601-021-00-3	203-625-9	108-88-3		<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
34	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]		<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
35	phenol									
	604-001-00-2	203-632-7	108-95-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
Total:								0.167 %		

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
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 flammable since present in the soil

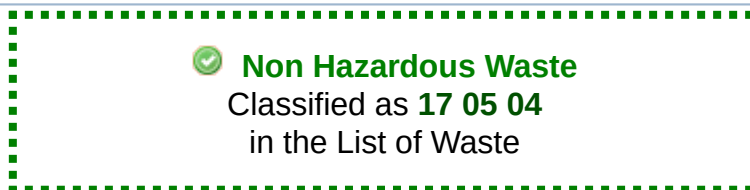
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.129%)

Classification of sample: S2-TP2110[2]



Sample details

Sample name:	LoW Code:
S2-TP2110[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				6.9 pH		6.9 pH	6.9 pH		
2	boron { boric acid; [1] boric acid; [2] }	005-007-00-2	233-139-2 [1] 234-343-4 [2]		<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4		8.4 mg/kg	1.32	9.871 mg/kg	0.000987 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2		0.18 mg/kg	1.142	0.183 mg/kg	0.0000183 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9		4.8 mg/kg	1.462	6.244 mg/kg	0.000624 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7		47 mg/kg	1.126	47.096 mg/kg	0.00471 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8		0.25 mg/kg	1.353	0.301 mg/kg	0.0000301 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]		21 mg/kg	2.022	37.799 mg/kg	0.00378 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	29 mg/kg		25.81 mg/kg	0.00258 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2		1 mg/kg	2.554	2.273 mg/kg	0.000227 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8		7.5 mg/kg	1.785	11.916 mg/kg	0.00119 %	✓	

#	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	zinc { zinc oxide }				62 mg/kg	1.245	68.683 mg/kg	0.00687 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				66 mg/kg		58.74 mg/kg	0.00587 %		✓	
			TPH								
16	naphthalene				1.4 mg/kg		1.246 mg/kg	0.000125 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				1 mg/kg		0.89 mg/kg	0.000089 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.34 mg/kg		0.303 mg/kg	0.0000303 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.7 mg/kg		1.513 mg/kg	0.000151 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.21 mg/kg		0.187 mg/kg	0.0000187 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				0.77 mg/kg		0.685 mg/kg	0.0000685 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.59 mg/kg		0.525 mg/kg	0.0000525 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.19 mg/kg		0.169 mg/kg	0.0000169 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.25 mg/kg		0.223 mg/kg	0.0000222 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.24 mg/kg		0.214 mg/kg	0.0000214 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.028 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00587%)

Classification of sample: S2-TP2110[3]

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

Sample details

Sample name:	LoW Code:
S2-TP2110[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.9 m	
Moisture content:	
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		7.2 pH		7.2 pH	7.2 pH		
2	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]	0.43 mg/kg	5.719	2.189 mg/kg	0.000219 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	19 mg/kg	1.32	22.327 mg/kg	0.00223 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.4 mg/kg	1.142	0.407 mg/kg	0.0000407 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	16 mg/kg	1.462	20.813 mg/kg	0.00208 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	51 mg/kg	1.126	51.104 mg/kg	0.00511 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.09 mg/kg	1.353	0.108 mg/kg	0.0000108 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	72 mg/kg	2.022	129.596 mg/kg	0.013 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			42 mg/kg		37.38 mg/kg	0.00374 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.3 mg/kg	2.554	2.955 mg/kg	0.000295 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	24 mg/kg	1.785	38.132 mg/kg	0.00381 %	✓	

#		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		zinc { zinc oxide }				110 mg/kg	1.245	121.857 mg/kg	0.0122 %	☒		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				60 mg/kg		53.4 mg/kg	0.00534 %	☒		
				TPH								
16		naphthalene				1.1 mg/kg		0.979 mg/kg	0.0000979 %	☒		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				0.13 mg/kg		0.116 mg/kg	0.0000116 %	☒		
			205-917-1	208-96-8								
18		acenaphthene				1.2 mg/kg		1.068 mg/kg	0.000107 %	☒		
			201-469-6	83-32-9								
19		fluorene				0.59 mg/kg		0.525 mg/kg	0.0000525 %	☒		
			201-695-5	86-73-7								
20		phenanthrene				1.8 mg/kg		1.602 mg/kg	0.00016 %	☒		
			201-581-5	85-01-8								
21		anthracene				0.6 mg/kg		0.534 mg/kg	0.0000534 %	☒		
			204-371-1	120-12-7								
22		fluoranthene				2.8 mg/kg		2.492 mg/kg	0.000249 %	☒		
			205-912-4	206-44-0								
23		pyrene				1.9 mg/kg		1.691 mg/kg	0.000169 %	☒		
			204-927-3	129-00-0								
24		benzo[a]anthracene				1.4 mg/kg		1.246 mg/kg	0.000125 %	☒		
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				1.8 mg/kg		1.602 mg/kg	0.00016 %	☒		
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				1.9 mg/kg		1.691 mg/kg	0.000169 %	☒		
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				0.59 mg/kg		0.525 mg/kg	0.0000525 %	☒		
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				1.4 mg/kg		1.246 mg/kg	0.000125 %	☒		
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				0.9 mg/kg		0.801 mg/kg	0.0000801 %	☒		
			205-893-2	193-39-5								
30		dibenz[a,h]anthracene				0.31 mg/kg		0.276 mg/kg	0.0000276 %	☒		
		601-041-00-2	200-181-8	53-70-3								
31		benzo[ghi]perylene				0.6 mg/kg		0.534 mg/kg	0.0000534 %	☒		
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0499 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00534%)

Classification of sample: S2-BH252


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

Sample details

Sample name:	LoW Code:
S2-BH252	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight 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	pH				7.1 pH		7.1 pH	7.1 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.43 mg/kg	5.719	2.213 mg/kg	0.000221 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				16 mg/kg	1.32	19.013 mg/kg	0.0019 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.36 mg/kg	1.142	0.37 mg/kg	0.000037 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				15 mg/kg	1.462	19.731 mg/kg	0.00197 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				47 mg/kg	1.126	47.625 mg/kg	0.00476 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.09 mg/kg	1.353	0.11 mg/kg	0.000011 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				56 mg/kg	2.022	101.93 mg/kg	0.0102 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32 mg/kg		28.8 mg/kg	0.00288 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1 mg/kg	2.554	2.298 mg/kg	0.00023 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				24 mg/kg	1.785	38.56 mg/kg	0.00386 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				94 mg/kg	1.245	105.303 mg/kg	0.0105 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				75 mg/kg		67.5 mg/kg	0.00675 %		✓	
			TPH								
16	naphthalene				1.2 mg/kg		1.08 mg/kg	0.000108 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.21 mg/kg		0.189 mg/kg	0.0000189 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				1.3 mg/kg		1.17 mg/kg	0.000117 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.64 mg/kg		0.576 mg/kg	0.0000576 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				2 mg/kg		1.8 mg/kg	0.00018 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.7 mg/kg		0.63 mg/kg	0.000063 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				3.4 mg/kg		3.06 mg/kg	0.000306 %		✓	
		205-912-4	206-44-0								
23	pyrene				2.3 mg/kg		2.07 mg/kg	0.000207 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				1.7 mg/kg		1.53 mg/kg	0.000153 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				1.8 mg/kg		1.62 mg/kg	0.000162 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				2 mg/kg		1.8 mg/kg	0.00018 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.72 mg/kg		0.648 mg/kg	0.0000648 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				1.5 mg/kg		1.35 mg/kg	0.000135 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.98 mg/kg		0.882 mg/kg	0.0000882 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.26 mg/kg		0.234 mg/kg	0.0000234 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.65 mg/kg		0.585 mg/kg	0.0000585 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0455 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00675%)

WAC results for sample: S2-BH252

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample cannot be evaluated against the Inert (Inert waste landfill) criteria because of missing determinand values.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	8.6	3	5	6
2	LOI (loss on ignition)	%		-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg		6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg		1	-	-
5	Mineral oil (C10 to C40)	mg/kg		500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg		100	-	-
7	pH	pH	7.1	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg		-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.065	0.5	2	25
10	barium	mg/kg	0.13	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.11	0.5	10	70
13	copper	mg/kg	0.0032	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.05	0.5	10	30
16	nickel	mg/kg	0.0006	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.023	0.06	0.7	5
19	selenium	mg/kg	0.043	0.1	0.5	7
20	zinc	mg/kg	0.18	4	50	200
21	chloride	mg/kg	56	800	15,000	25,000
22	fluoride	mg/kg	3.6	10	150	500
23	sulphate	mg/kg	210	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	850	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	Missing WAC determinand value
	SNRHW WAC criteria fail

Classification of sample: S2-BH252[2]

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

Sample details

Sample name:	LoW Code:
S2-BH252[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.1 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23% Wet Weight 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	pH				7.3 pH		7.3 pH	7.3 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.57 mg/kg	5.719	2.51 mg/kg	0.000251 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				21 mg/kg	1.32	21.35 mg/kg	0.00213 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.44 mg/kg	1.142	0.387 mg/kg	0.0000387 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	11.254 mg/kg	0.00113 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				93 mg/kg	1.126	80.625 mg/kg	0.00806 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.23 mg/kg	1.353	0.24 mg/kg	0.000024 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				48 mg/kg	2.022	74.748 mg/kg	0.00747 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	55 mg/kg		42.35 mg/kg	0.00424 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2.2 mg/kg	2.554	4.326 mg/kg	0.000433 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				16 mg/kg	1.785	21.993 mg/kg	0.0022 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				130 mg/kg	1.245	124.596 mg/kg	0.0125 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				73 mg/kg		56.21 mg/kg	0.00562 %		✓	
			TPH								
16	naphthalene				1.8 mg/kg		1.386 mg/kg	0.000139 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.23 mg/kg		0.177 mg/kg	0.0000177 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				1.2 mg/kg		0.924 mg/kg	0.0000924 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.6 mg/kg		0.462 mg/kg	0.0000462 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.5 mg/kg		1.155 mg/kg	0.000116 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.46 mg/kg		0.354 mg/kg	0.0000354 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				2.6 mg/kg		2.002 mg/kg	0.0002 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.9 mg/kg		1.463 mg/kg	0.000146 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				1.7 mg/kg		1.309 mg/kg	0.000131 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				2.5 mg/kg		1.925 mg/kg	0.000193 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				3.3 mg/kg		2.541 mg/kg	0.000254 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				1.1 mg/kg		0.847 mg/kg	0.0000847 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				2.1 mg/kg		1.617 mg/kg	0.000162 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				1.8 mg/kg		1.386 mg/kg	0.000139 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.58 mg/kg		0.447 mg/kg	0.0000447 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				1.1 mg/kg		0.847 mg/kg	0.0000847 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0462 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00562%)

Classification of sample: S2-TP2115

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

Sample details

Sample name:	LoW Code:
S2-TP2115	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
17%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH				7.9 pH		7.9 pH	7.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				6.2 mg/kg	5.719	29.431 mg/kg	0.00294 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				44 mg/kg	1.32	48.218 mg/kg	0.00482 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.84 mg/kg	1.142	0.796 mg/kg	0.0000796 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				30 mg/kg	1.462	36.393 mg/kg	0.00364 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				190 mg/kg	1.126	177.553 mg/kg	0.0178 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.2 mg/kg	1.353	0.225 mg/kg	0.0000225 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				64 mg/kg	2.022	107.431 mg/kg	0.0107 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	95 mg/kg		78.85 mg/kg	0.00789 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				2 mg/kg	2.554	4.239 mg/kg	0.000424 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				53 mg/kg	1.785	78.53 mg/kg	0.00785 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				170 mg/kg	1.245	175.629 mg/kg	0.0176 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				420 mg/kg		348.6 mg/kg	0.0349 %	✓	
				TPH							
16		naphthalene				2.2 mg/kg		1.826 mg/kg	0.000183 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				1.3 mg/kg		1.079 mg/kg	0.000108 %	✓	
			205-917-1	208-96-8							
18		acenaphthene				0.36 mg/kg		0.299 mg/kg	0.0000299 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.31 mg/kg		0.257 mg/kg	0.0000257 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				4.5 mg/kg		3.735 mg/kg	0.000373 %	✓	
			201-581-5	85-01-8							
21		anthracene				4 mg/kg		3.32 mg/kg	0.000332 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				37 mg/kg		30.71 mg/kg	0.00307 %	✓	
			205-912-4	206-44-0							
23		pyrene				32 mg/kg		26.56 mg/kg	0.00266 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				17 mg/kg		14.11 mg/kg	0.00141 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				21 mg/kg		17.43 mg/kg	0.00174 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				23 mg/kg		19.09 mg/kg	0.00191 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				8.4 mg/kg		6.972 mg/kg	0.000697 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				13 mg/kg		10.79 mg/kg	0.00108 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				6.6 mg/kg		5.478 mg/kg	0.000548 %	✓	
			205-893-2	193-39-5							
30		dibenz[a,h]anthracene				1.2 mg/kg		0.996 mg/kg	0.0000996 %	✓	
		601-041-00-2	200-181-8	53-70-3							
31		benzo[ghi]perylene				4.7 mg/kg		3.901 mg/kg	0.00039 %	✓	
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.123 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0349%)

Classification of sample: S2-TP2115[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2115[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
75%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 75% Wet Weight 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	pH				8 pH		8 pH	8pH		
2	boron { boric acid; [1] boric acid; [2] }				6 mg/kg	5.719	8.579 mg/kg	0.000858 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				25 mg/kg	1.32	8.252 mg/kg	0.000825 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				1.9 mg/kg	1.142	0.543 mg/kg	0.0000543 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	6.212 mg/kg	0.000621 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				220 mg/kg	1.126	61.924 mg/kg	0.00619 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.22 mg/kg	1.353	0.0744 mg/kg	0.00000744 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				43 mg/kg	2.022	21.741 mg/kg	0.00217 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	330 mg/kg		82.5 mg/kg	0.00825 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.2 mg/kg	2.554	0.766 mg/kg	0.0000766 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				30 mg/kg	1.785	13.389 mg/kg	0.00134 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				330 mg/kg	1.245	102.689 mg/kg	0.0103 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				830 mg/kg		207.5 mg/kg	0.0208 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				0.24 mg/kg		0.06 mg/kg	0.000006 %		✓	
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0518 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0208%)

WAC results for sample: S2-TP2115[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample FAILS the Inert (Inert waste landfill) criteria.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	29	3	5	6
2	LOI (loss on ignition)	%	91	-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg	<0.01	6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg	<0.1	1	-	-
5	Mineral oil (C10 to C40)	mg/kg	450	500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg	<2	100	-	-
7	pH	pH	8	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg	0.01	-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.016	0.5	2	25
10	barium	mg/kg	0.0013	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	<0.0005	0.5	10	70
13	copper	mg/kg	<0.0005	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.0018	0.5	10	30
16	nickel	mg/kg	<0.0005	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	<0.0005	0.06	0.7	5
19	selenium	mg/kg	0.0045	0.1	0.5	7
20	zinc	mg/kg	0.048	4	50	200
21	chloride	mg/kg	12	800	15,000	25,000
22	fluoride	mg/kg	1.2	10	150	500
23	sulphate	mg/kg	15	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	190	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	150	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	SNRHW WAC criteria fail

Classification of sample: S2-TP2115[3]

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

Sample details

Sample name:	LoW Code:
S2-TP2115[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.2 pH		8.2 pH	8.2 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				33 mg/kg	1.32	36.164 mg/kg	0.00362 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				2.4 mg/kg	1.142	2.276 mg/kg	0.000228 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	23.049 mg/kg	0.0023 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				270 mg/kg	1.126	252.312 mg/kg	0.0252 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.27 mg/kg	1.353	0.303 mg/kg	0.0000303 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				54 mg/kg	2.022	90.645 mg/kg	0.00906 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	400 mg/kg		332 mg/kg	0.0332 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.6 mg/kg	2.554	3.391 mg/kg	0.000339 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				36 mg/kg	1.785	53.341 mg/kg	0.00533 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				410 mg/kg	1.245	423.576 mg/kg	0.0424 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				97 mg/kg		80.51 mg/kg	0.00805 %		✓	
			TPH								
16	naphthalene				1.5 mg/kg		1.245 mg/kg	0.000125 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				2.2 mg/kg		1.826 mg/kg	0.000183 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				4.6 mg/kg		3.818 mg/kg	0.000382 %		✓	
		205-912-4	206-44-0								
23	pyrene				2.8 mg/kg		2.324 mg/kg	0.000232 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				2.4 mg/kg		1.992 mg/kg	0.000199 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				2.8 mg/kg		2.324 mg/kg	0.000232 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				3.9 mg/kg		3.237 mg/kg	0.000324 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				1.2 mg/kg		0.996 mg/kg	0.0000996 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				1.9 mg/kg		1.577 mg/kg	0.000158 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				1.6 mg/kg		1.328 mg/kg	0.000133 %		✓	
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				1.1 mg/kg		0.913 mg/kg	0.0000913 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00805%)

Classification of sample: S2-BH242

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

Sample details

Sample name:	LoW Code:
S2-BH242	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.1 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		6.5 pH		6.5 pH	6.5 pH		
2	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]	0.47 mg/kg	5.719	2.231 mg/kg	0.000223 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	4.4 mg/kg	1.32	4.822 mg/kg	0.000482 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	12 mg/kg	1.462	14.557 mg/kg	0.00146 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	14 mg/kg	1.126	13.083 mg/kg	0.00131 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	18 mg/kg	2.022	30.215 mg/kg	0.00302 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			12 mg/kg		9.96 mg/kg	0.000996 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.42 mg/kg	2.554	0.89 mg/kg	0.000089 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	11 mg/kg	1.785	16.299 mg/kg	0.00163 %	✓	

#		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		zinc { zinc oxide }				35 mg/kg	1.245	36.159 mg/kg	0.00362 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				68 mg/kg		56.44 mg/kg	0.00564 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0189 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00564%)

Classification of sample: S2-BH261

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

Sample details

Sample name:	LoW Code:
S2-BH261	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				7.8 pH		7.8 pH	7.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				14 mg/kg	1.32	16.451 mg/kg	0.00165 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.2 mg/kg	1.142	0.203 mg/kg	0.0000203 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				5.4 mg/kg	1.462	7.024 mg/kg	0.000702 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				61 mg/kg	1.126	61.124 mg/kg	0.00611 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.12 mg/kg	1.353	0.145 mg/kg	0.0000145 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				37 mg/kg	2.022	66.598 mg/kg	0.00666 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	46 mg/kg		40.94 mg/kg	0.00409 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.4 mg/kg	2.554	3.182 mg/kg	0.000318 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.8 mg/kg	1.785	12.393 mg/kg	0.00124 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				100 mg/kg	1.245	110.78 mg/kg	0.0111 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				76 mg/kg		67.64 mg/kg	0.00676 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0393 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00676%)

Classification of sample: S2-BH261[2]

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

Sample details

Sample name:	LoW Code:
S2-BH261[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
8.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 8.6% Wet Weight 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	pH		PH		7.7 pH		7.7 pH	7.7 pH		
2	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]	0.56 mg/kg	5.719	2.927 mg/kg	0.000293 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	13 mg/kg	1.32	15.688 mg/kg	0.00157 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.33 mg/kg	1.142	0.345 mg/kg	0.0000345 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	22 mg/kg	1.462	29.389 mg/kg	0.00294 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	25 mg/kg	1.126	25.727 mg/kg	0.00257 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.19 mg/kg	1.353	0.235 mg/kg	0.0000235 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	21 mg/kg	2.022	38.818 mg/kg	0.00388 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			83 mg/kg		75.862 mg/kg	0.00759 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.68 mg/kg	2.554	1.587 mg/kg	0.000159 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	34 mg/kg	1.785	55.476 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							
13		zinc { zinc oxide }				140 mg/kg	1.245	159.274 mg/kg	0.0159 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				91 mg/kg		83.174 mg/kg	0.00832 %	✓	
				TPH							
16		naphthalene				0.75 mg/kg		0.686 mg/kg	0.0000686 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				0.24 mg/kg		0.219 mg/kg	0.0000219 %	✓	
			205-917-1	208-96-8							
18		acenaphthene				0.68 mg/kg		0.622 mg/kg	0.0000622 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.85 mg/kg		0.777 mg/kg	0.0000777 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				4 mg/kg		3.656 mg/kg	0.000366 %	✓	
			201-581-5	85-01-8							
21		anthracene				1 mg/kg		0.914 mg/kg	0.0000914 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				5.4 mg/kg		4.936 mg/kg	0.000494 %	✓	
			205-912-4	206-44-0							
23		pyrene				4.4 mg/kg		4.022 mg/kg	0.000402 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				2 mg/kg		1.828 mg/kg	0.000183 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				2.2 mg/kg		2.011 mg/kg	0.000201 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				2.3 mg/kg		2.102 mg/kg	0.00021 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				0.64 mg/kg		0.585 mg/kg	0.0000585 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				1.8 mg/kg		1.645 mg/kg	0.000165 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				1.2 mg/kg		1.097 mg/kg	0.00011 %	✓	
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				0.99 mg/kg		0.905 mg/kg	0.0000905 %	✓	
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00832%)

Classification of sample: S2-BH250[3]

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

Sample details

Sample name:	LoW Code:
S2-BH250[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
27%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 27% Wet Weight 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	pH				7.4 pH		7.4 pH	7.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.55 mg/kg	5.719	2.296 mg/kg	0.00023 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				31 mg/kg	1.32	29.879 mg/kg	0.00299 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				11 mg/kg	1.462	11.736 mg/kg	0.00117 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				34 mg/kg	1.126	27.945 mg/kg	0.00279 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				20 mg/kg	2.022	29.527 mg/kg	0.00295 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		13.87 mg/kg	0.00139 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.4 mg/kg	2.554	2.61 mg/kg	0.000261 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				35 mg/kg	1.785	45.611 mg/kg	0.00456 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				48 mg/kg	1.245	43.615 mg/kg	0.00436 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				51 mg/kg		37.23 mg/kg	0.00372 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0248 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00372%)

Classification of sample: S2-BH250[4]

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

Sample details

Sample name:	LoW Code:
S2-BH250[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
3.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.2 pH		8.2 pH	8.2 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				9 mg/kg	1.32	10.576 mg/kg	0.00106 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.25 mg/kg	1.142	0.254 mg/kg	0.0000254 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12 mg/kg	1.462	15.609 mg/kg	0.00156 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				47 mg/kg	1.126	47.096 mg/kg	0.00471 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.07 mg/kg	1.353	0.0843 mg/kg	0.00000843 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				38 mg/kg	2.022	68.398 mg/kg	0.00684 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	860 mg/kg		765.4 mg/kg	0.0765 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.3 mg/kg	2.554	2.955 mg/kg	0.000295 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				19 mg/kg	1.785	30.187 mg/kg	0.00302 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				97	mg/kg	1.245	107.456	mg/kg	0.0107 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				35	mg/kg		31.15	mg/kg	0.00311 %	✓	
				TPH									
16		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
									Total:	0.109 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00311%)

Classification of sample: S2-TP279

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

Sample details

Sample name:	LoW Code:
S2-TP279	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.1%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.1% Wet Weight 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	pH				10.4 pH		10.4 pH	10.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				5.5 mg/kg	5.719	28.593 mg/kg	0.00286 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				2.7 mg/kg	1.32	3.24 mg/kg	0.000324 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	13.286 mg/kg	0.00133 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				10 mg/kg	1.126	10.234 mg/kg	0.00102 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				6.4 mg/kg	2.022	11.766 mg/kg	0.00118 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	190 mg/kg		172.71 mg/kg	0.0173 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.4 mg/kg	2.554	3.25 mg/kg	0.000325 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				16 mg/kg	1.785	25.964 mg/kg	0.0026 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				28 mg/kg	1.245	31.68 mg/kg	0.00317 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				140 mg/kg		127.26 mg/kg	0.0127 %		✓	
			TPH								
16	naphthalene				0.27 mg/kg		0.245 mg/kg	0.0000245 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.31 mg/kg		0.282 mg/kg	0.0000282 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.27 mg/kg		0.245 mg/kg	0.0000245 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.22 mg/kg		0.2 mg/kg	0.00002 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0127%)

Classification of sample: S2-TP279[2]

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

Sample details

Sample name:	LoW Code:
S2-TP279[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
22%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 22% Wet Weight 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	pH		PH		8.9 pH		8.9 pH	8.9 pH		
2	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]	0.42 mg/kg	5.719	1.874 mg/kg	0.000187 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	14.418 mg/kg	0.00144 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.37 mg/kg	1.142	0.33 mg/kg	0.000033 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	3.3 mg/kg	1.462	3.762 mg/kg	0.000376 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	60 mg/kg	1.126	52.692 mg/kg	0.00527 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.33 mg/kg	1.353	0.348 mg/kg	0.0000348 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	10 mg/kg	2.022	15.775 mg/kg	0.00158 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			56 mg/kg		43.68 mg/kg	0.00437 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.98 mg/kg	2.554	1.952 mg/kg	0.000195 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	4.7 mg/kg	1.785	6.544 mg/kg	0.000654 %	✓	

#		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		zinc { zinc oxide }				120 mg/kg	1.245	116.505 mg/kg	0.0117 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				1200 mg/kg		936 mg/kg	0.0936 %	✓	
				TPH							
16		naphthalene				0.2 mg/kg		0.156 mg/kg	0.0000156 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				0.18 mg/kg		0.14 mg/kg	0.000014 %	✓	
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.6 mg/kg		0.468 mg/kg	0.0000468 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.17 mg/kg		0.133 mg/kg	0.0000133 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				0.72 mg/kg		0.562 mg/kg	0.0000562 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.68 mg/kg		0.53 mg/kg	0.000053 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				0.32 mg/kg		0.25 mg/kg	0.000025 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				0.3 mg/kg		0.234 mg/kg	0.0000234 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				0.43 mg/kg		0.335 mg/kg	0.0000335 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				0.16 mg/kg		0.125 mg/kg	0.0000125 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				0.38 mg/kg		0.296 mg/kg	0.0000296 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				0.31 mg/kg		0.242 mg/kg	0.0000242 %	✓	
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.12 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0936%)

Classification of sample: S2-BH247

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

Sample details

Sample name:	LoW Code:
S2-BH247	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.3% Wet Weight 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	pH				10.7 pH		10.7 pH	10.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				1.5 mg/kg	5.719	8.038 mg/kg	0.000804 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				11 mg/kg	1.32	13.609 mg/kg	0.00136 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.33 mg/kg	1.142	0.353 mg/kg	0.0000353 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				31 mg/kg	1.462	42.454 mg/kg	0.00425 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				36 mg/kg	1.126	37.978 mg/kg	0.0038 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.09 mg/kg	1.353	0.114 mg/kg	0.0000114 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				22 mg/kg	2.022	41.69 mg/kg	0.00417 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27 mg/kg		25.299 mg/kg	0.00253 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.97 mg/kg	2.554	2.321 mg/kg	0.000232 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				19 mg/kg	1.785	31.782 mg/kg	0.00318 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				77 mg/kg	1.245	89.805 mg/kg	0.00898 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				41 mg/kg		38.417 mg/kg	0.00384 %		✓	
			TPH								
16	naphthalene				0.77 mg/kg		0.721 mg/kg	0.0000721 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.54 mg/kg		0.506 mg/kg	0.0000506 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.6 mg/kg		0.562 mg/kg	0.0000562 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.7 mg/kg		1.593 mg/kg	0.000159 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.46 mg/kg		0.431 mg/kg	0.0000431 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				1.2 mg/kg		1.124 mg/kg	0.000112 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.71 mg/kg		0.665 mg/kg	0.0000665 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.3 mg/kg		0.281 mg/kg	0.0000281 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.28 mg/kg		0.262 mg/kg	0.0000262 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.27 mg/kg		0.253 mg/kg	0.0000253 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.11 mg/kg		0.103 mg/kg	0.0000103 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0341 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00384%)

Classification of sample: S2-TP240

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

Sample details

Sample name:	LoW Code:
S2-TP240	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	
Moisture content:	
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	pH		PH		5.9 pH		5.9 pH	5.9 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	26 mg/kg	1.32	30.209 mg/kg	0.00302 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.17 mg/kg	1.142	0.171 mg/kg	0.0000171 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	26 mg/kg	1.462	33.44 mg/kg	0.00334 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	36 mg/kg	1.126	35.668 mg/kg	0.00357 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.08 mg/kg	1.353	0.0953 mg/kg	0.00000953 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	37 mg/kg	2.022	65.85 mg/kg	0.00658 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			28 mg/kg		24.64 mg/kg	0.00246 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.2 mg/kg	2.554	2.697 mg/kg	0.00027 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	28 mg/kg	1.785	43.987 mg/kg	0.0044 %	✓	

#		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		zinc { zinc oxide }				93	mg/kg	1.245	101.867	mg/kg	0.0102 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				44	mg/kg		38.72	mg/kg	0.00387 %	✓	
				TPH									
16		naphthalene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
Total:									0.0383 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00387%)

Classification of sample: S2-TP240[2]

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

Sample details

Sample name:	LoW Code:
S2-TP240[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH				5.7 pH		5.7 pH	5.7 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				5.9 mg/kg	1.32	6.466 mg/kg	0.000647 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				18 mg/kg	1.462	21.836 mg/kg	0.00218 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				19 mg/kg	1.126	17.755 mg/kg	0.00178 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				16 mg/kg	2.022	26.858 mg/kg	0.00269 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16 mg/kg		13.28 mg/kg	0.00133 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.66 mg/kg	2.554	1.399 mg/kg	0.00014 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				20 mg/kg	1.785	29.634 mg/kg	0.00296 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				39 mg/kg	1.245	40.291 mg/kg	0.00403 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				66 mg/kg		54.78 mg/kg	0.00548 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0219 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00548%)

Classification of sample: S2-TP242

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

Sample details

Sample name:	LoW Code:
S2-TP242	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH		PH		5.8 pH		5.8 pH	5.8 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	19 mg/kg	1.32	22.327 mg/kg	0.00223 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.31 mg/kg	1.142	0.315 mg/kg	0.0000315 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	14 mg/kg	1.462	18.211 mg/kg	0.00182 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	39 mg/kg	1.126	39.08 mg/kg	0.00391 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.15 mg/kg	1.353	0.181 mg/kg	0.0000181 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	42 mg/kg	2.022	75.598 mg/kg	0.00756 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			42 mg/kg		37.38 mg/kg	0.00374 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.5 mg/kg	2.554	3.409 mg/kg	0.000341 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	22 mg/kg	1.785	34.954 mg/kg	0.0035 %	✓	

#		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		zinc { zinc oxide }				70 mg/kg	1.245	77.546 mg/kg	0.00775 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				41 mg/kg		36.49 mg/kg	0.00365 %	✓	
				TPH							
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				0.11 mg/kg		0.0979 mg/kg	0.00000979 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.1 mg/kg		0.089 mg/kg	0.0000089 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0352 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00365%)

Classification of sample: S2-TP242[2]


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

Sample details

Sample name:	LoW Code:
S2-TP242[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.2%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.2% Wet Weight 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	pH				7.4 pH		7.4 pH	7.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				7.1 mg/kg	1.32	8.793 mg/kg	0.000879 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.129 mg/kg	0.0000129 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.7 mg/kg	1.462	11.927 mg/kg	0.00119 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				37 mg/kg	1.126	39.075 mg/kg	0.00391 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.05 mg/kg	1.353	0.0635 mg/kg	0.00000635 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				51 mg/kg	2.022	96.748 mg/kg	0.00967 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	31 mg/kg		29.078 mg/kg	0.00291 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.62 mg/kg	2.554	1.485 mg/kg	0.000149 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				14 mg/kg	1.785	23.443 mg/kg	0.00234 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				120 mg/kg	1.245	140.105 mg/kg	0.014 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				40 mg/kg		37.52 mg/kg	0.00375 %		✓	
			TPH								
16	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0394 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00375%)

Classification of sample: S2-BH243

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

Sample details

Sample name:	LoW Code:
S2-BH243	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.5 m	
Moisture content:	
6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6% Wet Weight 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	pH		PH		8.9 pH		8.9 pH	8.9 pH		
2	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]	0.53 mg/kg	5.719	2.849 mg/kg	0.000285 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	13 mg/kg	1.32	16.134 mg/kg	0.00161 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.12 mg/kg	1.142	0.129 mg/kg	0.0000129 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	6.1 mg/kg	1.462	8.381 mg/kg	0.000838 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	27 mg/kg	1.126	28.575 mg/kg	0.00286 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.14 mg/kg	1.353	0.178 mg/kg	0.0000178 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	19 mg/kg	2.022	36.12 mg/kg	0.00361 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			14 mg/kg		13.16 mg/kg	0.00132 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.82 mg/kg	2.554	1.968 mg/kg	0.000197 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	7.2 mg/kg	1.785	12.082 mg/kg	0.00121 %	✓	

#		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		zinc { zinc oxide }				56 mg/kg	1.245	65.522 mg/kg	0.00655 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
				TPH							
16		naphthalene				3.2 mg/kg		3.008 mg/kg	0.000301 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				0.32 mg/kg		0.301 mg/kg	0.0000301 %	✓	
			205-917-1	208-96-8							
18		acenaphthene				0.11 mg/kg		0.103 mg/kg	0.0000103 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.18 mg/kg		0.169 mg/kg	0.0000169 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				0.24 mg/kg		0.226 mg/kg	0.0000226 %	✓	
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: S2-BH240

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

Sample details

Sample name:	LoW Code:
S2-BH240	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.2 m	
Moisture content:	
7.1%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.1% Wet Weight 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	pH		PH		9.5 pH		9.5 pH	9.5 pH		
2	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]	0.48 mg/kg	5.719	2.55 mg/kg	0.000255 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	6.6 mg/kg	1.32	8.095 mg/kg	0.00081 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.11 mg/kg	1.142	0.117 mg/kg	0.0000117 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	8.5 mg/kg	1.462	11.541 mg/kg	0.00115 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	24 mg/kg	1.126	25.103 mg/kg	0.00251 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.07 mg/kg	1.353	0.088 mg/kg	0.0000088 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	25 mg/kg	2.022	46.971 mg/kg	0.0047 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			10 mg/kg		9.29 mg/kg	0.000929 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.53 mg/kg	2.554	1.257 mg/kg	0.000126 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	10 mg/kg	1.785	16.584 mg/kg	0.00166 %	✓	

#		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		zinc { zinc oxide }				63 mg/kg	1.245	72.849 mg/kg	0.00728 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				12 mg/kg		11.148 mg/kg	0.00111 %	✓	
				TPH							
16		naphthalene				5.5 mg/kg		5.11 mg/kg	0.000511 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				0.58 mg/kg		0.539 mg/kg	0.0000539 %	✓	
			205-917-1	208-96-8							
18		acenaphthene				0.11 mg/kg		0.102 mg/kg	0.0000102 %	✓	
			201-469-6	83-32-9							
19		fluorene				0.52 mg/kg		0.483 mg/kg	0.0000483 %	✓	
			201-695-5	86-73-7							
20		phenanthrene				1.5 mg/kg		1.394 mg/kg	0.000139 %	✓	
			201-581-5	85-01-8							
21		anthracene				0.25 mg/kg		0.232 mg/kg	0.0000232 %	✓	
			204-371-1	120-12-7							
22		fluoranthene				0.9 mg/kg		0.836 mg/kg	0.0000836 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.62 mg/kg		0.576 mg/kg	0.0000576 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				0.26 mg/kg		0.242 mg/kg	0.0000242 %	✓	
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				0.16 mg/kg		0.149 mg/kg	0.0000149 %	✓	
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				0.34 mg/kg		0.316 mg/kg	0.0000316 %	✓	
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				0.11 mg/kg		0.102 mg/kg	0.0000102 %	✓	
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				0.23 mg/kg		0.214 mg/kg	0.0000214 %	✓	
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				0.12 mg/kg		0.111 mg/kg	0.0000111 %	✓	
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				0.13 mg/kg		0.121 mg/kg	0.0000121 %	✓	
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0218 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00111%)

Classification of sample: S2-BH240[2]

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

Sample details

Sample name:	LoW Code:
S2-BH240[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
4.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.1%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.1% Wet Weight 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	pH				9.1 pH		9.1 pH	9.1 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.65 mg/kg	5.719	3.565 mg/kg	0.000357 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				8.7 mg/kg	1.32	11.016 mg/kg	0.0011 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.32 mg/kg	1.142	0.351 mg/kg	0.0000351 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.4 mg/kg	1.462	11.774 mg/kg	0.00118 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				31 mg/kg	1.126	33.472 mg/kg	0.00335 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.09 mg/kg	1.353	0.117 mg/kg	0.0000117 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				33 mg/kg	2.022	64.003 mg/kg	0.0064 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	21 mg/kg		20.139 mg/kg	0.00201 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.73 mg/kg	2.554	1.788 mg/kg	0.000179 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				11 mg/kg	1.785	18.832 mg/kg	0.00188 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				150 mg/kg	1.245	179.052 mg/kg	0.0179 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	naphthalene				3.4 mg/kg		3.261 mg/kg	0.000326 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.2 mg/kg		0.192 mg/kg	0.0000192 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				0.16 mg/kg		0.153 mg/kg	0.0000153 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				0.2 mg/kg		0.192 mg/kg	0.0000192 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0361 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: S2-BH239

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

Sample details

Sample name:	LoW Code:
S2-BH239	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
4.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12% Wet Weight 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	pH				8.9 pH		8.9 pH	8.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				2.2 mg/kg	5.719	11.072 mg/kg	0.00111 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				19 mg/kg	1.32	22.076 mg/kg	0.00221 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				1.1 mg/kg	1.142	1.106 mg/kg	0.000111 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				30 mg/kg	1.462	38.585 mg/kg	0.00386 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				540 mg/kg	1.126	535.022 mg/kg	0.0535 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.46 mg/kg	1.353	0.548 mg/kg	0.0000548 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				47 mg/kg	2.022	83.647 mg/kg	0.00836 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	390 mg/kg		343.2 mg/kg	0.0343 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.1 mg/kg	2.554	2.472 mg/kg	0.000247 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				36 mg/kg	1.785	56.555 mg/kg	0.00566 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				550 mg/kg	1.245	602.442 mg/kg	0.0602 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	naphthalene				0.53 mg/kg		0.466 mg/kg	0.0000466 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				0.11 mg/kg		0.0968 mg/kg	0.00000968 %		✓	
		205-917-1	208-96-8								
18	acenaphthene				0.33 mg/kg		0.29 mg/kg	0.000029 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.28 mg/kg		0.246 mg/kg	0.0000246 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.1 mg/kg		0.968 mg/kg	0.0000968 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.36 mg/kg		0.317 mg/kg	0.0000317 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				1.7 mg/kg		1.496 mg/kg	0.00015 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.4 mg/kg		1.232 mg/kg	0.000123 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.82 mg/kg		0.722 mg/kg	0.0000722 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.7 mg/kg		0.616 mg/kg	0.0000616 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				1.2 mg/kg		1.056 mg/kg	0.000106 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.44 mg/kg		0.387 mg/kg	0.0000387 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.83 mg/kg		0.73 mg/kg	0.000073 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.59 mg/kg		0.519 mg/kg	0.0000519 %		✓	
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				0.42 mg/kg		0.37 mg/kg	0.000037 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.172 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: S2-TP288

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

Sample details

Sample name:	LoW Code:
S2-TP288	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				8.6 pH		8.6 pH	8.6 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				6.7 mg/kg	1.32	7.873 mg/kg	0.000787 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.15 mg/kg	1.142	0.153 mg/kg	0.0000153 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.9 mg/kg	1.462	5.073 mg/kg	0.000507 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				33 mg/kg	1.126	33.067 mg/kg	0.00331 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.08 mg/kg	1.353	0.0964 mg/kg	0.00000964 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				15 mg/kg	2.022	26.999 mg/kg	0.0027 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	27 mg/kg		24.03 mg/kg	0.0024 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.93 mg/kg	2.554	2.114 mg/kg	0.000211 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.6 mg/kg	1.785	8.897 mg/kg	0.00089 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				56 mg/kg	1.245	62.037 mg/kg	0.0062 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	naphthalene				1.7 mg/kg		1.513 mg/kg	0.000151 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.3 mg/kg		0.267 mg/kg	0.0000267 %		✓	
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.5 mg/kg		0.445 mg/kg	0.0000445 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0188 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: S2-TP288[2]

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

Sample details

Sample name:	LoW Code:
S2-TP288[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
25%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 25% Wet Weight 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	pH				7.4 pH		7.4 pH	7.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	11.883 mg/kg	0.00119 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.12 mg/kg	1.142	0.103 mg/kg	0.0000103 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16 mg/kg	1.462	17.539 mg/kg	0.00175 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				15 mg/kg	1.126	12.666 mg/kg	0.00127 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.06 mg/kg	1.353	0.0609 mg/kg	0.00000609 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				16 mg/kg	2.022	24.269 mg/kg	0.00243 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	24 mg/kg		18 mg/kg	0.0018 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.5 mg/kg	2.554	0.958 mg/kg	0.0000958 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				28 mg/kg	1.785	37.489 mg/kg	0.00375 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				46 mg/kg	1.245	42.943 mg/kg	0.00429 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				<10 mg/kg		<10 mg/kg	<0.001 %			<LOD
			TPH								
16	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0182 %		

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
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: S2-TP2108

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

Sample details

Sample name:	LoW Code:
S2-TP2108	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight 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	asbestos				0.001 %		0.0008 %	0.00086 %	✓	
	650-013-00-6	-----	12001-28-4							
			132207-32-0							
			12172-73-5							
			77536-66-4							
			77536-68-6							
2	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
3	boron { boric acid; [1] boric acid; [2] }				0.91 mg/kg	5.719	4.476 mg/kg	0.000448 %	✓	
	005-007-00-2	233-139-2 [1]	10043-35-3 [1]							
		234-343-4 [2]	11113-50-1 [2]							
4	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 %		<LOD
	006-007-00-5									
5	arsenic { arsenic trioxide }				31 mg/kg	1.32	35.2 mg/kg	0.00352 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	cadmium { cadmium oxide }				0.58 mg/kg	1.142	0.57 mg/kg	0.000057 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.2 mg/kg	1.462	9.05 mg/kg	0.000905 %	✓	
		215-160-9	1308-38-9							
8	copper { dicopper oxide; copper (I) oxide }				56 mg/kg	1.126	54.223 mg/kg	0.00542 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	mercury { mercury dichloride }				0.21 mg/kg	1.353	0.244 mg/kg	0.0000244 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel(II) carbonate }				31 mg/kg	2.022	53.918 mg/kg	0.00539 %	✓	
	028-010-00-0	222-068-2 [1]	3333-67-3 [1]							
		240-408-8 [2]	16337-84-1 [2]							
		265-748-4 [3]	65405-96-1 [3]							
		235-715-9 [4]	12607-70-4 [4]							

#	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	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	34	mg/kg		29.24	mg/kg	0.00292 %	✓	
	082-001-00-6											
12	selenium { nickel selenate }				1.3	mg/kg	2.554	2.855	mg/kg	0.000286 %	✓	
	028-031-00-5	239-125-2	15060-62-5									
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	18.423	mg/kg	0.00184 %	✓	
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc oxide }				120	mg/kg	1.245	128.454	mg/kg	0.0128 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
15	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
	024-017-00-8											
16	TPH (C6 to C40) petroleum group				14	mg/kg		12.04	mg/kg	0.0012 %	✓	
			TPH									
17	naphthalene				0.72	mg/kg		0.619	mg/kg	0.0000619 %	✓	
	601-052-00-2	202-049-5	91-20-3									
18	acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8									
19	acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9									
20	fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7									
21	phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-581-5	85-01-8									
22	anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7									
23	fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-912-4	206-44-0									
24	pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-927-3	129-00-0									
25	benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
26	chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
27	benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
28	benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
29	benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
30	indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5									
31	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									
32	benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-883-8	191-24-2									
33	benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
34	toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
35	xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	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]									
36	phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0012%)

Classification of sample: S2-TP2108[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2108[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 21% Wet Weight 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	pH		PH		7.8 pH		7.8 pH	7.8 pH		
2	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]	0.72 mg/kg	5.719	3.253 mg/kg	0.000325 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	5.4 mg/kg	1.32	5.633 mg/kg	0.000563 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.21 mg/kg	1.142	0.19 mg/kg	0.000019 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	7.1 mg/kg	1.462	8.198 mg/kg	0.00082 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	57 mg/kg	1.126	50.699 mg/kg	0.00507 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.1 mg/kg	1.353	0.107 mg/kg	0.0000107 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	19 mg/kg	2.022	30.356 mg/kg	0.00304 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			21 mg/kg		16.59 mg/kg	0.00166 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1 mg/kg	2.554	2.018 mg/kg	0.000202 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	19 mg/kg	1.785	26.796 mg/kg	0.00268 %	✓	

#		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		zinc { zinc oxide }				65 mg/kg	1.245	63.916 mg/kg	0.00639 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				16 mg/kg		12.64 mg/kg	0.00126 %	✓	
				TPH							
16		naphthalene				1.1 mg/kg		0.869 mg/kg	0.0000869 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.16 mg/kg		0.126 mg/kg	0.0000126 %	✓	
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0							
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
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 Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00126%)

Classification of sample: S2-TP2114

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

Sample details

Sample name:	LoW Code:
S2-TP2114	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 1.5% Wet Weight 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	asbestos				<0.001 %		<0.001 %	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4							
			132207-32-0							
			12172-73-5							
			77536-66-4							
			77536-68-6							
2	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
3	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1]	10043-35-3 [1]							
		234-343-4 [2]	11113-50-1 [2]							
4	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 %		<LOD
	006-007-00-5									
5	arsenic { arsenic trioxide }				6.2 mg/kg	1.32	8.063 mg/kg	0.000806 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
6	cadmium { cadmium oxide }				0.22 mg/kg	1.142	0.248 mg/kg	0.0000248 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.5 mg/kg	1.462	13.677 mg/kg	0.00137 %	✓	
		215-160-9	1308-38-9							
8	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	25.507 mg/kg	0.00255 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
9	mercury { mercury dichloride }				0.06 mg/kg	1.353	0.08 mg/kg	0.000008 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
10	nickel { nickel(II) carbonate }				11 mg/kg	2.022	21.913 mg/kg	0.00219 %	✓	
	028-010-00-0	222-068-2 [1]	3333-67-3 [1]							
		240-408-8 [2]	16337-84-1 [2]							
		265-748-4 [3]	65405-96-1 [3]							
		235-715-9 [4]	12607-70-4 [4]							

#	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	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	22 mg/kg		21.67 mg/kg	0.00217 %	✓	
	082-001-00-6									
12	selenium { nickel selenate }				0.61 mg/kg	2.554	1.534 mg/kg	0.000153 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				10 mg/kg	1.785	17.584 mg/kg	0.00176 %	✓	
	023-001-00-8	215-239-8	1314-62-1							
14	zinc { zinc oxide }				63 mg/kg	1.245	77.241 mg/kg	0.00772 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
15	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
	024-017-00-8									
16	TPH (C6 to C40) petroleum group		TPH		100 mg/kg		98.5 mg/kg	0.00985 %	✓	
17	naphthalene				0.68 mg/kg		0.67 mg/kg	0.000067 %	✓	
	601-052-00-2	202-049-5	91-20-3							
18	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-917-1	208-96-8							
19	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-469-6	83-32-9							
20	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-695-5	86-73-7							
21	phenanthrene				0.66 mg/kg		0.65 mg/kg	0.000065 %	✓	
		201-581-5	85-01-8							
22	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-371-1	120-12-7							
23	fluoranthene				0.57 mg/kg		0.561 mg/kg	0.0000561 %	✓	
		205-912-4	206-44-0							
24	pyrene				0.4 mg/kg		0.394 mg/kg	0.0000394 %	✓	
		204-927-3	129-00-0							
25	benzo[a]anthracene				0.27 mg/kg		0.266 mg/kg	0.0000266 %	✓	
	601-033-00-9	200-280-6	56-55-3							
26	chrysene				0.35 mg/kg		0.345 mg/kg	0.0000345 %	✓	
	601-048-00-0	205-923-4	218-01-9							
27	benzo[b]fluoranthene				0.44 mg/kg		0.433 mg/kg	0.0000433 %	✓	
	601-034-00-4	205-911-9	205-99-2							
28	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
29	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
30	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-893-2	193-39-5							
31	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							
32	benzo[ghi]perylene				0.17 mg/kg		0.167 mg/kg	0.0000167 %	✓	
		205-883-8	191-24-2							
33	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
34	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
35	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	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]							
36	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.0305 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00985%)

Classification of sample: S2-TP2114[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2114[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight 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	pH				7.6 pH		7.6 pH	7.6 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				16 mg/kg	1.32	19.013 mg/kg	0.0019 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.15 mg/kg	1.142	0.154 mg/kg	0.0000154 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				2.2 mg/kg	1.462	2.894 mg/kg	0.000289 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				64 mg/kg	1.126	64.851 mg/kg	0.00649 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.5 mg/kg	1.353	0.609 mg/kg	0.0000609 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				16 mg/kg	2.022	29.123 mg/kg	0.00291 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32 mg/kg		28.8 mg/kg	0.00288 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.8 mg/kg	2.554	4.137 mg/kg	0.000414 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				4 mg/kg	1.785	6.427 mg/kg	0.000643 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				60 mg/kg	1.245	67.215 mg/kg	0.00672 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				140 mg/kg		126 mg/kg	0.0126 %	✓	
				TPH							
16		naphthalene				1.1 mg/kg		0.99 mg/kg	0.000099 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.51 mg/kg		0.459 mg/kg	0.0000459 %	✓	
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				0.26 mg/kg		0.234 mg/kg	0.0000234 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.19 mg/kg		0.171 mg/kg	0.0000171 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0357 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0126%)

Classification of sample: S2-TP256

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

Sample details

Sample name:	LoW Code:
S2-TP256	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% Wet Weight 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	pH				7.3 pH		7.3 pH	7.3 pH		
2	boron { boric acid; [1] boric acid; [2] }				<10 mg/kg	5.719	<57.192 mg/kg	<0.00572 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				8.3 mg/kg	1.32	9.424 mg/kg	0.000942 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.22 mg/kg	1.142	0.216 mg/kg	0.0000216 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.4 mg/kg	1.462	4.274 mg/kg	0.000427 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				33 mg/kg	1.126	31.953 mg/kg	0.0032 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.128 mg/kg	0.0000128 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				20 mg/kg	2.022	34.786 mg/kg	0.00348 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26 mg/kg		22.36 mg/kg	0.00224 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.2 mg/kg	2.554	2.636 mg/kg	0.000264 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				5.1 mg/kg	1.785	7.83 mg/kg	0.000783 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				69 mg/kg	1.245	73.861 mg/kg	0.00739 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				60 mg/kg		51.6 mg/kg	0.00516 %		✓	
			TPH								
16	naphthalene				1.5 mg/kg		1.29 mg/kg	0.000129 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.67 mg/kg		0.576 mg/kg	0.0000576 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.37 mg/kg		0.318 mg/kg	0.0000318 %		✓	
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.17 mg/kg		0.146 mg/kg	0.0000146 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.24 mg/kg		0.206 mg/kg	0.0000206 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.32 mg/kg		0.275 mg/kg	0.0000275 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				0.2 mg/kg		0.172 mg/kg	0.0000172 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0302 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00516%)

Classification of sample: S2-TP256[2]

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

Sample details

Sample name:	LoW Code:
S2-TP256[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.8 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
51%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 51% Wet Weight 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	pH		PH		7.6 pH		7.6 pH	7.6 pH		
2	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]	<10 mg/kg	5.719	<57.192 mg/kg	<0.00572 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	11 mg/kg	1.32	7.117 mg/kg	0.000712 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.19 mg/kg	1.142	0.106 mg/kg	0.0000106 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	4.3 mg/kg	1.462	3.079 mg/kg	0.000308 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	37 mg/kg	1.126	20.412 mg/kg	0.00204 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.09 mg/kg	1.353	0.0597 mg/kg	0.00000597 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	17 mg/kg	2.022	16.847 mg/kg	0.00168 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			37 mg/kg		18.13 mg/kg	0.00181 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.2 mg/kg	2.554	1.502 mg/kg	0.00015 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	6.1 mg/kg	1.785	5.336 mg/kg	0.000534 %	✓	

#		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		zinc { zinc oxide }				62 mg/kg	1.245	37.814 mg/kg	0.00378 %	✓		
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD	
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				410 mg/kg		200.9 mg/kg	0.0201 %	✓		
				TPH								
16		naphthalene				2.4 mg/kg		1.176 mg/kg	0.000118 %	✓		
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-917-1	208-96-8								
18		acenaphthene				0.16 mg/kg		0.0784 mg/kg	0.00000784 %	✓		
			201-469-6	83-32-9								
19		fluorene				0.16 mg/kg		0.0784 mg/kg	0.00000784 %	✓		
			201-695-5	86-73-7								
20		phenanthrene				0.86 mg/kg		0.421 mg/kg	0.0000421 %	✓		
			201-581-5	85-01-8								
21		anthracene				0.17 mg/kg		0.0833 mg/kg	0.00000833 %	✓		
			204-371-1	120-12-7								
22		fluoranthene				0.43 mg/kg		0.211 mg/kg	0.0000211 %	✓		
			205-912-4	206-44-0								
23		pyrene				0.3 mg/kg		0.147 mg/kg	0.0000147 %	✓		
			204-927-3	129-00-0								
24		benzo[a]anthracene				0.15 mg/kg		0.0735 mg/kg	0.00000735 %	✓		
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				0.32 mg/kg		0.157 mg/kg	0.0000157 %	✓		
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				0.31 mg/kg		0.152 mg/kg	0.0000152 %	✓		
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD	
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-020-00-8	200-753-7	71-43-2								
33		toluene				4.6 µg/kg		0.0022 mg/kg	0.000000225 %	✓		
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		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]								
35		phenol				0.29 mg/kg		0.142 mg/kg	0.0000142 %	✓		
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0374 %			

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
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 flammable since present in the soil

Hazard Statements hit:

Flam. Liq. 2; H225 "Highly flammable liquid and vapour."

Because of determinand:

toluene: (conc.: 2.25e-07%)

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0201%)

Classification of sample: S2-TP2107

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

Sample details

Sample name:	LoW Code:
S2-TP2107	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
5.5%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 5.5% Wet Weight 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	pH				9.9 pH		9.9 pH	9.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.77 mg/kg	5.719	4.162 mg/kg	0.000416 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				14 mg/kg	1.32	17.468 mg/kg	0.00175 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.21 mg/kg	1.142	0.227 mg/kg	0.0000227 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				21 mg/kg	1.462	29.005 mg/kg	0.0029 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				60 mg/kg	1.126	63.838 mg/kg	0.00638 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.1 mg/kg	1.353	0.128 mg/kg	0.0000128 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				29 mg/kg	2.022	55.424 mg/kg	0.00554 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	29 mg/kg		27.405 mg/kg	0.00274 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.2 mg/kg	2.554	2.896 mg/kg	0.00029 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				58 mg/kg	1.785	97.846 mg/kg	0.00978 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				94 mg/kg	1.245	110.568 mg/kg	0.0111 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				93 mg/kg		87.885 mg/kg	0.00879 %		✓	
				TPH								
16		naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0501 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00879%)

WAC results for sample: S2-TP2107

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample cannot be evaluated against the Inert (Inert waste landfill) criteria because of missing determinand values.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	18	3	5	6
2	LOI (loss on ignition)	%		-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg		6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg		1	-	-
5	Mineral oil (C10 to C40)	mg/kg		500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg		100	-	-
7	pH	pH	9.9	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg		-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.02	0.5	2	25
10	barium	mg/kg	0.34	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.02	0.5	10	70
13	copper	mg/kg	0.0047	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.21	0.5	10	30
16	nickel	mg/kg	0.0007	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.02	0.06	0.7	5
19	selenium	mg/kg	0.11	0.1	0.5	7
20	zinc	mg/kg	<0.003	4	50	200
21	chloride	mg/kg	43	800	15,000	25,000
22	fluoride	mg/kg	2.2	10	150	500
23	sulphate	mg/kg	450	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	1100	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	Missing WAC determinand value
	SNRHW WAC criteria fail

Classification of sample: S2-TP2107[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2107[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(wet weight correction)	

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
	EU CLP index number	EC Number	CAS Number							
1	pH				9.1 pH		9.1 pH	9.1 pH		
2	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]	0.93 mg/kg	5.719	4.415 mg/kg	0.000441 %	✓	
3	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	0.782 mg/kg	0.0000782 %	✓	
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	14 mg/kg	1.32	15.342 mg/kg	0.00153 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.8 mg/kg	1.142	0.759 mg/kg	0.0000759 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	32 mg/kg	1.462	38.819 mg/kg	0.00388 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	91 mg/kg	1.126	85.038 mg/kg	0.0085 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.13 mg/kg	1.353	0.146 mg/kg	0.0000146 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	37 mg/kg	2.022	62.108 mg/kg	0.00621 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			140 mg/kg		116.2 mg/kg	0.0116 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	1.5 mg/kg	2.554	3.18 mg/kg	0.000318 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	29 mg/kg	1.785	42.969 mg/kg	0.0043 %	✓	

#	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	zinc { zinc oxide }				1200 mg/kg	1.245	1239.735 mg/kg	0.124 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				480 mg/kg		398.4 mg/kg	0.0398 %		✓	
			TPH								
16	naphthalene				1 mg/kg		0.83 mg/kg	0.000083 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.59 mg/kg		0.49 mg/kg	0.000049 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.42 mg/kg		0.349 mg/kg	0.0000349 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.35 mg/kg		0.291 mg/kg	0.0000291 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.22 mg/kg		0.183 mg/kg	0.0000183 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.3 mg/kg		0.249 mg/kg	0.0000249 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.43 mg/kg		0.357 mg/kg	0.0000357 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.201 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0398%)

Classification of sample: S2-TP2113

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

Sample details

Sample name:	LoW Code:
S2-TP2113	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
26%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 26% Wet Weight 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	pH				7.5 pH		7.5 pH	7.5 pH		
2	boron { boric acid; [1] boric acid; [2] }				1.3 mg/kg	5.719	5.502 mg/kg	0.00055 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				42 mg/kg	1.32	41.036 mg/kg	0.0041 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.57 mg/kg	1.142	0.482 mg/kg	0.0000482 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4.8 mg/kg	1.462	5.191 mg/kg	0.000519 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				32 mg/kg	1.126	26.661 mg/kg	0.00267 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.11 mg/kg	1.353	0.11 mg/kg	0.000011 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				15 mg/kg	2.022	22.449 mg/kg	0.00224 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	82 mg/kg		60.68 mg/kg	0.00607 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.87 mg/kg	2.554	1.644 mg/kg	0.000164 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				8.8 mg/kg	1.785	11.625 mg/kg	0.00116 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#		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		zinc { zinc oxide }				54 mg/kg	1.245	49.739 mg/kg	0.00497 %	✓	
		030-013-00-7	215-222-5	1314-13-2							
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %		<LOD
		024-017-00-8									
15		TPH (C6 to C40) petroleum group				110 mg/kg		81.4 mg/kg	0.00814 %	✓	
				TPH							
16		naphthalene				0.67 mg/kg		0.496 mg/kg	0.0000496 %	✓	
		601-052-00-2	202-049-5	91-20-3							
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8							
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9							
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7							
20		phenanthrene				0.4 mg/kg		0.296 mg/kg	0.0000296 %	✓	
			201-581-5	85-01-8							
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7							
22		fluoranthene				0.42 mg/kg		0.311 mg/kg	0.0000311 %	✓	
			205-912-4	206-44-0							
23		pyrene				0.32 mg/kg		0.237 mg/kg	0.0000237 %	✓	
			204-927-3	129-00-0							
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3							
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9							
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2							
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9							
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8							
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5							
30		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							
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2							
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2							
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3							
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		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]							
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2							
Total:									0.0311 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00814%)

Classification of sample: S2-TP2113[2]


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

Sample details

Sample name:	LoW Code:
S2-TP2113[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
25%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 25% Wet Weight 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	pH				7.8 pH		7.8 pH	7.8 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.88 mg/kg	5.719	3.775 mg/kg	0.000377 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				7.4 mg/kg	1.32	7.328 mg/kg	0.000733 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				14 mg/kg	1.462	15.346 mg/kg	0.00153 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				10 mg/kg	1.126	8.444 mg/kg	0.000844 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				9.5 mg/kg	2.022	14.41 mg/kg	0.00144 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16 mg/kg		12 mg/kg	0.0012 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.52 mg/kg	2.554	0.996 mg/kg	0.0000996 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				19 mg/kg	1.785	25.439 mg/kg	0.00254 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				22 mg/kg	1.245	20.538 mg/kg	0.00205 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				63 mg/kg		47.25 mg/kg	0.00473 %		✓	
			TPH								
16	naphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0159 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00473%)

Classification of sample: S2-TP272

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

Sample details

Sample name:	LoW Code:
S2-TP272	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
4.3%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.3% Wet Weight 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	pH		PH		8.7 pH		8.7 pH	8.7 pH		
2	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]	3.2 mg/kg	5.719	17.514 mg/kg	0.00175 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	6.3 mg/kg	1.32	7.96 mg/kg	0.000796 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	<0.1 mg/kg	1.142	<0.114 mg/kg	<0.0000114 %		<LOD
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	11 mg/kg	1.462	15.386 mg/kg	0.00154 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	8.5 mg/kg	1.126	9.159 mg/kg	0.000916 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	7.8 mg/kg	2.022	15.097 mg/kg	0.00151 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			13 mg/kg		12.441 mg/kg	0.00124 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.59 mg/kg	2.554	1.442 mg/kg	0.000144 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	16 mg/kg	1.785	27.335 mg/kg	0.00273 %	✓	

#		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		zinc { zinc oxide }				22	mg/kg	1.245	26.206	mg/kg	0.00262 %	✓	
		030-013-00-7	215-222-5	1314-13-2									
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %		<LOD
		024-017-00-8											
15		TPH (C6 to C40) petroleum group				42	mg/kg		40.194	mg/kg	0.00402 %	✓	
				TPH									
16		naphthalene				0.33	mg/kg		0.316	mg/kg	0.0000316 %	✓	
		601-052-00-2	202-049-5	91-20-3									
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-917-1	208-96-8									
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-469-6	83-32-9									
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-695-5	86-73-7									
20		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			201-581-5	85-01-8									
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-371-1	120-12-7									
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-912-4	206-44-0									
23		pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			204-927-3	129-00-0									
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-033-00-9	200-280-6	56-55-3									
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-048-00-0	205-923-4	218-01-9									
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-034-00-4	205-911-9	205-99-2									
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-036-00-5	205-916-6	207-08-9									
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		601-032-00-3	200-028-5	50-32-8									
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-893-2	193-39-5									
30		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									
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
			205-883-8	191-24-2									
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-020-00-8	200-753-7	71-43-2									
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		601-021-00-3	203-625-9	108-88-3									
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
		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]									
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		604-001-00-2	203-632-7	108-95-2									
Total:									0.0177 %				

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00402%)

Classification of sample: S2-TP272[2]


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

Sample details

Sample name:	LoW Code:
S2-TP272[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.8 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(wet weight correction)	

Hazard properties

None identified

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
	EU CLP index number	EC Number	CAS Number							
1	pH				7.4 pH		7.4 pH	7.4 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.69 mg/kg	5.719	3.512 mg/kg	0.000351 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				12 mg/kg	1.32	14.101 mg/kg	0.00141 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.31 mg/kg	1.142	0.315 mg/kg	0.0000315 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				6.5 mg/kg	1.462	8.455 mg/kg	0.000846 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				36 mg/kg	1.126	36.073 mg/kg	0.00361 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.1 mg/kg	1.353	0.12 mg/kg	0.000012 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				17 mg/kg	2.022	30.599 mg/kg	0.00306 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	32 mg/kg		28.48 mg/kg	0.00285 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				1.4 mg/kg	2.554	3.182 mg/kg	0.000318 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				7.8 mg/kg	1.785	12.393 mg/kg	0.00124 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				85 mg/kg	1.245	94.163 mg/kg	0.00942 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				87 mg/kg		77.43 mg/kg	0.00774 %		✓	
			TPH								
16	naphthalene				2.6 mg/kg		2.314 mg/kg	0.000231 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.31 mg/kg		0.276 mg/kg	0.0000276 %		✓	
		201-469-6	83-32-9								
19	fluorene				0.31 mg/kg		0.276 mg/kg	0.0000276 %		✓	
		201-695-5	86-73-7								
20	phenanthrene				1.5 mg/kg		1.335 mg/kg	0.000133 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.28 mg/kg		0.249 mg/kg	0.0000249 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				1.3 mg/kg		1.157 mg/kg	0.000116 %		✓	
		205-912-4	206-44-0								
23	pyrene				1 mg/kg		0.89 mg/kg	0.000089 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.48 mg/kg		0.427 mg/kg	0.0000427 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.54 mg/kg		0.481 mg/kg	0.0000481 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.65 mg/kg		0.579 mg/kg	0.0000579 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.23 mg/kg		0.205 mg/kg	0.0000205 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.4 mg/kg		0.356 mg/kg	0.0000356 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.28 mg/kg		0.249 mg/kg	0.0000249 %		✓	
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				0.24 mg/kg		0.214 mg/kg	0.0000214 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.032 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00774%)

Classification of sample: S2-TP2104

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

Sample details

Sample name:	LoW Code:
S2-TP2104	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.98%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 0.98% Wet Weight 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	pH		PH		8.5 pH		8.5 pH	8.5 pH		
2	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 %		<LOD
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	6.5 mg/kg	1.32	8.498 mg/kg	0.00085 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.17 mg/kg	1.142	0.192 mg/kg	0.0000192 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	5.7 mg/kg	1.462	8.249 mg/kg	0.000825 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	30 mg/kg	1.126	33.446 mg/kg	0.00334 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	0.13 mg/kg	1.353	0.174 mg/kg	0.0000174 %	✓	
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	19 mg/kg	2.022	38.049 mg/kg	0.0038 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			15 mg/kg		14.853 mg/kg	0.00149 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.49 mg/kg	2.554	1.239 mg/kg	0.000124 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	6.8 mg/kg	1.785	12.02 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										
13		zinc { zinc oxide }				52	mg/kg	1.245	64.091	mg/kg	0.00641 %		✓	
		030-013-00-7	215-222-5	1314-13-2										
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5	mg/kg	2.27	<1.135	mg/kg	<0.000113 %			<LOD
		024-017-00-8												
15		TPH (C6 to C40) petroleum group				130	mg/kg		128.726	mg/kg	0.0129 %		✓	
				TPH										
16		naphthalene				0.97	mg/kg		0.96	mg/kg	0.000096 %		✓	
			601-052-00-2	202-049-5										
17		acenaphthylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				205-917-1										
18		acenaphthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				201-469-6										
19		fluorene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				201-695-5										
20		phenanthrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				201-581-5										
21		anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				204-371-1										
22		fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				205-912-4										
23		pyrene				0.25	mg/kg		0.248	mg/kg	0.0000248 %		✓	
				204-927-3										
24		benzo[a]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			601-033-00-9	200-280-6										
25		chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			601-048-00-0	205-923-4										
26		benzo[b]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			601-034-00-4	205-911-9										
27		benzo[k]fluoranthene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			601-036-00-5	205-916-6										
28		benzo[a]pyrene; benzo[def]chrysene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			601-032-00-3	200-028-5										
29		indeno[123-cd]pyrene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				205-893-2										
30		dibenz[a,h]anthracene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			601-041-00-2	200-181-8										
31		benzo[ghi]perylene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
				205-883-8										
32		benzene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %			<LOD
			601-020-00-8	200-753-7										
33		toluene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %			<LOD
			601-021-00-3	203-625-9										
34		xylene				<1	µg/kg		<0.001	mg/kg	<0.0000001 %			<LOD
			601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]										
35		phenol				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %			<LOD
			604-001-00-2	203-632-7										
Total:												0.0317 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0129%)

Classification of sample: S2-TP2104[2]

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

Sample details

Sample name:	LoW Code:
S2-TP2104[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.8%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.8% Wet Weight 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	pH				8.3 pH		8.3 pH	8.3 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				6.8 mg/kg	1.32	8.098 mg/kg	0.00081 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.2 mg/kg	1.142	0.206 mg/kg	0.0000206 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				10 mg/kg	1.462	13.183 mg/kg	0.00132 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				31 mg/kg	1.126	31.482 mg/kg	0.00315 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.18 mg/kg	1.353	0.22 mg/kg	0.000022 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				16 mg/kg	2.022	29.187 mg/kg	0.00292 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20 mg/kg		18.04 mg/kg	0.0018 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.68 mg/kg	2.554	1.566 mg/kg	0.000157 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				11 mg/kg	1.785	17.713 mg/kg	0.00177 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				48 mg/kg	1.245	53.891 mg/kg	0.00539 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				130 mg/kg		117.26 mg/kg	0.0117 %		✓	
			TPH								
16	naphthalene				1.5 mg/kg		1.353 mg/kg	0.000135 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				0.19 mg/kg		0.171 mg/kg	0.0000171 %		✓	
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				1.5 mg/kg		1.353 mg/kg	0.000135 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.21 mg/kg		0.189 mg/kg	0.0000189 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				1.4 mg/kg		1.263 mg/kg	0.000126 %		✓	
		205-912-4	206-44-0								
23	pyrene				1.1 mg/kg		0.992 mg/kg	0.0000992 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.58 mg/kg		0.523 mg/kg	0.0000523 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.76 mg/kg		0.686 mg/kg	0.0000686 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.75 mg/kg		0.677 mg/kg	0.0000677 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.29 mg/kg		0.262 mg/kg	0.0000262 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.16 mg/kg		0.144 mg/kg	0.0000144 %		✓	
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				0.25 mg/kg		0.226 mg/kg	0.0000225 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0304 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0117%)

WAC results for sample: S2-TP2104[2]

WAC Settings: samples in this Job do not constitute a single population.

WAC limits used to evaluate this sample: "UK"

The WAC used in this report are the WAC defined for the inert, stable non-reactive hazardous and hazardous classes of landfill in the UK. You should check the actual acceptance criteria when the disposal site is identified as they may differ from the generic WAC used in this report.

The sample cannot be evaluated against the Inert (Inert waste landfill) criteria because of missing determinand values.

The sample FAILS the SNRHW (Stable non-reactive hazardous waste in non-hazardous landfill) criteria.

WAC Determinands

Solid Waste Analysis				Landfill Waste Acceptance Criteria Limits		
#	Determinand		User entered data	Inert waste landfill	Stable non-reactive hazardous waste in non-hazardous landfill	Hazardous waste landfill
1	TOC (total organic carbon)	%	31	3	5	6
2	LOI (loss on ignition)	%		-	-	10
3	BTEX (benzene, toluene, ethylbenzene and xylenes)	mg/kg		6	-	-
4	PCBs (polychlorinated biphenyls, 7 congeners)	mg/kg		1	-	-
5	Mineral oil (C10 to C40)	mg/kg		500	-	-
6	PAHs (polycyclic aromatic hydrocarbons)	mg/kg		100	-	-
7	pH	pH	8.3	-	>6	-
8	ANC (acid neutralisation capacity)	mol/kg		-	-	-
Eluate Analysis 10:1						
9	arsenic	mg/kg	0.0034	0.5	2	25
10	barium	mg/kg	0.15	20	100	300
11	cadmium	mg/kg	<0.0001	0.04	1	5
12	chromium	mg/kg	0.0064	0.5	10	70
13	copper	mg/kg	0.0013	2	50	100
14	mercury	mg/kg	<5.0e-05	0.01	0.2	2
15	molybdenum	mg/kg	0.027	0.5	10	30
16	nickel	mg/kg	0.0007	0.4	10	40
17	lead	mg/kg	<0.0005	0.5	10	50
18	antimony	mg/kg	0.0007	0.06	0.7	5
19	selenium	mg/kg	0.0092	0.1	0.5	7
20	zinc	mg/kg	0.003	4	50	200
21	chloride	mg/kg	58	800	15,000	25,000
22	fluoride	mg/kg	1.5	10	150	500
23	sulphate	mg/kg	290	1,000	20,000	50,000
24	phenol index	mg/kg	<0.5	1	-	-
25	DOC (dissolved organic carbon)	mg/kg	<50	500	800	1,000
26	TDS (total dissolved solids)	mg/kg	960	4,000	60,000	100,000

Key

	User supplied data
	Not applicable
	Inert WAC criteria fail
	Missing WAC determinand value
	SNRHW WAC criteria fail

Classification of sample: S2-TP284

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

Sample details

Sample name:	LoW Code:
S2-TP284	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.6%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.6% Wet Weight 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	pH				11.2 pH		11.2 pH	11.2 pH		
2	boron { boric acid; [1] boric acid; [2] }				0.77 mg/kg	5.719	4.069 mg/kg	0.000407 %	✓	
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				6.4 mg/kg	1.32	7.808 mg/kg	0.000781 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.22 mg/kg	1.142	0.232 mg/kg	0.0000232 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				300 mg/kg	1.462	405.143 mg/kg	0.0405 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				28 mg/kg	1.126	29.129 mg/kg	0.00291 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				81 mg/kg	2.022	151.365 mg/kg	0.0151 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	12 mg/kg		11.088 mg/kg	0.00111 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.56 mg/kg	2.554	1.321 mg/kg	0.000132 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				190 mg/kg	1.785	313.407 mg/kg	0.0313 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				63 mg/kg	1.245	72.457 mg/kg	0.00725 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				40 mg/kg		36.96 mg/kg	0.0037 %		✓	
			TPH								
16	naphthalene				1.2 mg/kg		1.109 mg/kg	0.000111 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.2 mg/kg		0.185 mg/kg	0.0000185 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-893-2	193-39-5								
30	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								
31	benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.104 %		

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
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 flammable since present in the soil

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: S2-TP284[2]

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

Sample details

Sample name:	LoW Code:
S2-TP284[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.9%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.9% Wet Weight 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	pH		PH		11.1 pH		11.1 pH	11.1 pH		
2	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	5.668 mg/kg	0.000567 %	✓	
3	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 %		<LOD
4	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3	6.7 mg/kg	1.32	7.97 mg/kg	0.000797 %	✓	
5	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0	0.24 mg/kg	1.142	0.247 mg/kg	0.0000247 %	✓	
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	17 mg/kg	1.462	22.387 mg/kg	0.00224 %	✓	
7	copper { dicopper oxide; copper (I) oxide }	029-002-00-X	215-270-7	1317-39-1	20 mg/kg	1.126	20.289 mg/kg	0.00203 %	✓	
8	mercury { mercury dichloride }	080-010-00-X	231-299-8	7487-94-7	<0.05 mg/kg	1.353	<0.0677 mg/kg	<0.00000677 %		<LOD
9	nickel { nickel(II) carbonate }	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]	22 mg/kg	2.022	40.088 mg/kg	0.00401 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			39 mg/kg		35.139 mg/kg	0.00351 %	✓	
11	selenium { nickel selenate }	028-031-00-5	239-125-2	15060-62-5	0.66 mg/kg	2.554	1.519 mg/kg	0.000152 %	✓	
12	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	16 mg/kg	1.785	25.735 mg/kg	0.00257 %	✓	

#		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		zinc { zinc oxide }				82 mg/kg	1.245	91.962 mg/kg	0.0092 %		✓	
		030-013-00-7	215-222-5	1314-13-2								
14		chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
		024-017-00-8										
15		TPH (C6 to C40) petroleum group				230 mg/kg		207.23 mg/kg	0.0207 %		✓	
				TPH								
16		naphthalene				0.3 mg/kg		0.27 mg/kg	0.000027 %		✓	
		601-052-00-2	202-049-5	91-20-3								
17		acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-917-1	208-96-8								
18		acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-469-6	83-32-9								
19		fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-695-5	86-73-7								
20		phenanthrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			201-581-5	85-01-8								
21		anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-371-1	120-12-7								
22		fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-912-4	206-44-0								
23		pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			204-927-3	129-00-0								
24		benzo[a]anthracene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-033-00-9	200-280-6	56-55-3								
25		chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-048-00-0	205-923-4	218-01-9								
26		benzo[b]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-034-00-4	205-911-9	205-99-2								
27		benzo[k]fluoranthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-036-00-5	205-916-6	207-08-9								
28		benzo[a]pyrene; benzo[def]chrysene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		601-032-00-3	200-028-5	50-32-8								
29		indeno[123-cd]pyrene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-893-2	193-39-5								
30		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								
31		benzo[ghi]perylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
			205-883-8	191-24-2								
32		benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-020-00-8	200-753-7	71-43-2								
33		toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		601-021-00-3	203-625-9	108-88-3								
34		xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
		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]								
35		phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		604-001-00-2	203-632-7	108-95-2								
Total:									0.0462 %			

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0207%)

Classification of sample: S2-TP289b

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

Sample details

Sample name:	LoW Code:
S2-TP289b	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.4%	
(wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.4% Wet Weight 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	pH				8.9 pH		8.9 pH	8.9 pH		
2	boron { boric acid; [1] boric acid; [2] }				<0.4 mg/kg	5.719	<2.288 mg/kg	<0.000229 %		<LOD
	005-007-00-2	233-139-2 [1] 234-343-4 [2]	10043-35-3 [1] 11113-50-1 [2]							
3	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 %		<LOD
	006-007-00-5									
4	arsenic { arsenic trioxide }				4.7 mg/kg	1.32	5.808 mg/kg	0.000581 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
5	cadmium { cadmium oxide }				0.17 mg/kg	1.142	0.182 mg/kg	0.0000182 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
6	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				7.4 mg/kg	1.462	10.123 mg/kg	0.00101 %	✓	
		215-160-9	1308-38-9							
7	copper { dicopper oxide; copper (I) oxide }				14 mg/kg	1.126	14.754 mg/kg	0.00148 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
8	mercury { mercury dichloride }				0.05 mg/kg	1.353	0.0633 mg/kg	0.00000633 %	✓	
	080-010-00-X	231-299-8	7487-94-7							
9	nickel { nickel(II) carbonate }				7.8 mg/kg	2.022	14.765 mg/kg	0.00148 %	✓	
	028-010-00-0	222-068-2 [1] 240-408-8 [2] 265-748-4 [3] 235-715-9 [4]	3333-67-3 [1] 16337-84-1 [2] 65405-96-1 [3] 12607-70-4 [4]							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18 mg/kg		16.848 mg/kg	0.00168 %	✓	
	082-001-00-6									
11	selenium { nickel selenate }				0.63 mg/kg	2.554	1.506 mg/kg	0.000151 %	✓	
	028-031-00-5	239-125-2	15060-62-5							
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				8.8 mg/kg	1.785	14.704 mg/kg	0.00147 %	✓	
	023-001-00-8	215-239-8	1314-62-1							

#	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	zinc { zinc oxide }				46 mg/kg	1.245	53.592 mg/kg	0.00536 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<0.5 mg/kg	2.27	<1.135 mg/kg	<0.000113 %			<LOD
	024-017-00-8										
15	TPH (C6 to C40) petroleum group				130 mg/kg		121.68 mg/kg	0.0122 %		✓	
			TPH								
16	naphthalene				0.82 mg/kg		0.768 mg/kg	0.0000768 %		✓	
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.9 mg/kg		0.842 mg/kg	0.0000842 %		✓	
		201-581-5	85-01-8								
21	anthracene				0.14 mg/kg		0.131 mg/kg	0.0000131 %		✓	
		204-371-1	120-12-7								
22	fluoranthene				0.9 mg/kg		0.842 mg/kg	0.0000842 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.71 mg/kg		0.665 mg/kg	0.0000665 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.56 mg/kg		0.524 mg/kg	0.0000524 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.54 mg/kg		0.505 mg/kg	0.0000505 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[b]fluoranthene				0.81 mg/kg		0.758 mg/kg	0.0000758 %		✓	
	601-034-00-4	205-911-9	205-99-2								
27	benzo[k]fluoranthene				0.29 mg/kg		0.271 mg/kg	0.0000271 %		✓	
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.53 mg/kg		0.496 mg/kg	0.0000496 %		✓	
	601-032-00-3	200-028-5	50-32-8								
29	indeno[123-cd]pyrene				0.48 mg/kg		0.449 mg/kg	0.0000449 %		✓	
		205-893-2	193-39-5								
30	dibenz[a,h]anthracene				0.21 mg/kg		0.197 mg/kg	0.0000197 %		✓	
	601-041-00-2	200-181-8	53-70-3								
31	benzo[ghi]perylene				0.41 mg/kg		0.384 mg/kg	0.0000384 %		✓	
		205-883-8	191-24-2								
32	benzene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
33	toluene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
34	xylene				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	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]								
35	phenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
Total:									0.0266 %		

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
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 flammable since present in the soil

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0122%)

Appendix A: Classifier defined and non GB MCL determinands

■ pH (CAS Number: PH)

Description/Comments: Appendix C4
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: None.

■ salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex

GB MCL 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):
20 Nov 2021 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

■ 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

■ lead compounds with the exception of those specified elsewhere in this Annex (worst case)

GB MCL index number: 082-001-00-6
Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL 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):
20 Nov 2021 - 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

■ 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

■ 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[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

▪ **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

Appendix B: Rationale for selection of metal species

boron {boric acid; [1] boric acid; [2]}

Reasonable worst-case compound based on reactivity.

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]

arsenic {arsenic trioxide}

Reasonable case CLP species based on hazard statements/molecular weight and most common (stable) oxide of arsenic.

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. 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

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

copper {dicopper oxide; copper (I) oxide}

Reasonable case CLP species based on hazard statements/molecular weight and insolubility in water. Worst case copper compounds generally soluble and likely to have been leached away if ever present

mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight

nickel {nickel(II) carbonate}

Reasonable worst case scenario

lead {lead compounds with the exception of those specified elsewhere in this Annex (worst case)}

Reasonable worst case scenario

selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species

zinc {zinc oxide}

Reasonable worst case scenario

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

Appendix C: Version

HazWasteOnline Classification Engine: **WM3 1st Edition v1.2.GB - Oct 2021**

HazWasteOnline Classification Engine Version: 2024.68.5980.11054 (09 Mar 2024)

HazWasteOnline Database: 2024.68.5980.11054 (09 Mar 2024)

This classification utilises the following guidance and legislation:

WM3 v1.2.GB - Waste Classification - 1st Edition v1.2.GB - Oct 2021

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 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

GB MCL List - version 1.1 of 09 June 2021

GB MCL List v2.0 - version 2.0 of 20th October 2023

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