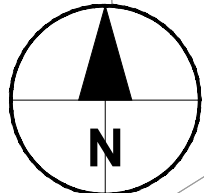
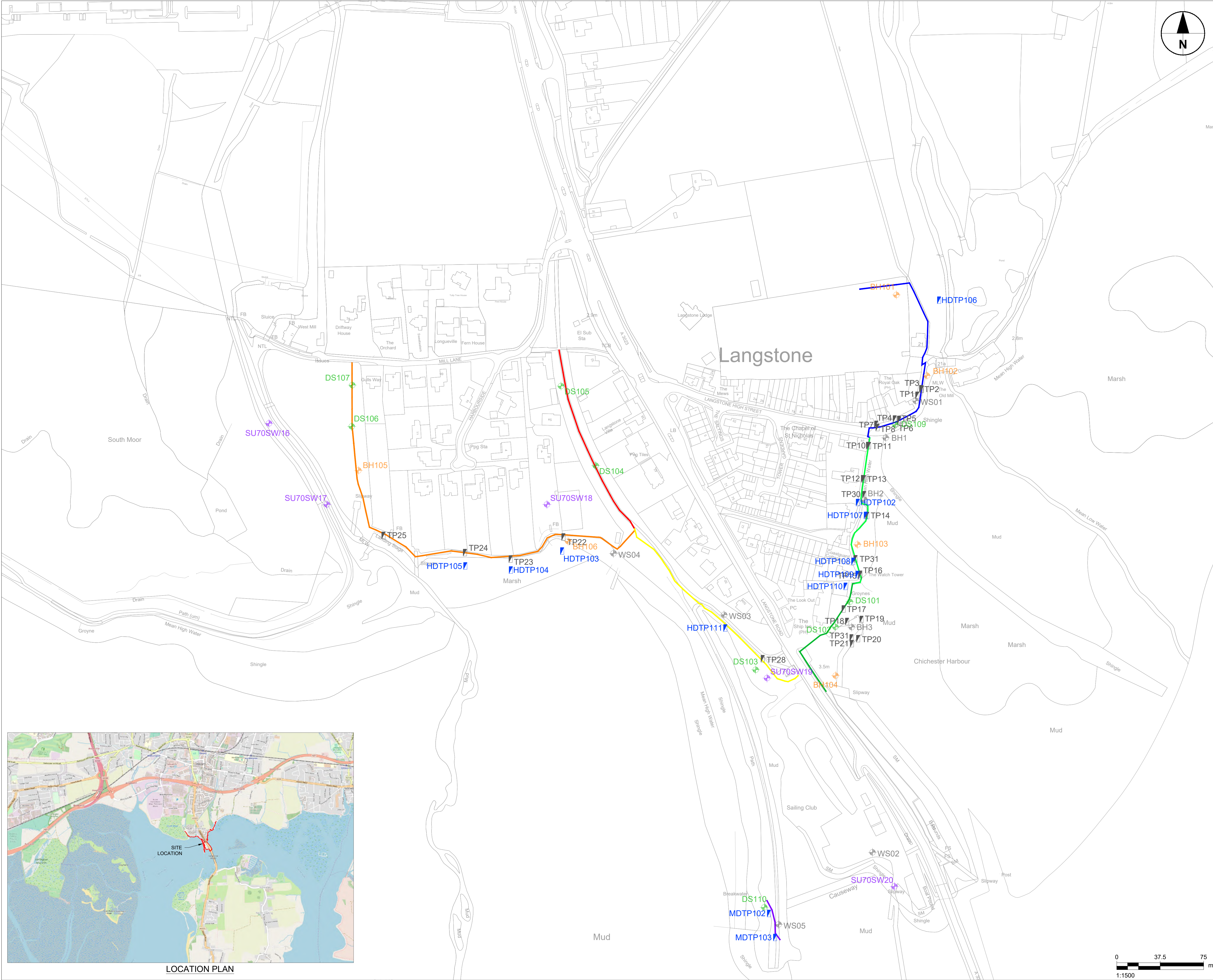


Appendix D Exploratory Hole Location Plan



AECOM

PROJECT

Langstone FCERM

CLIENT

Havant Borough Council

CONSULTANT

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Alencon Link
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LEGEND

- PHASE 2 BOREHOLE LOCATION
- PHASE 2 TRIAL PIT LOCATION
- PHASE 2 WINDOW SAMPLE LOCATION
- HISTORICAL BOREHOLE
- PHASE 1 BOREHOLE LOCATION
- PHASE 1 TRIAL PIT LOCATION
- PHASE 1 WINDOW SAMPLE LOCATION
- FRONTAGE 1A (SECTION 2)
- FRONTAGE 1B (SECTION 1)
- FRONTAGE 2 (SECTION 2 & 3)
- FRONTAGE 3 (SECTION 4)
- FRONTAGE 4 (SECTION 5)
- FRONTAGE 5 (SECTION 5 & 6)
- FRONTAGE 6 (SECTION 7)

NOTES
LOCATIONS OF TRIAL PIT HDTTP107, HDTTP108 AND HDTTP109.

ISSUE/REVISION

P04	24/02/22	MDTP101, DS108 removed, Frontage addition
P03	10/01/22	Updated Locations
P02	08/09/21	Issued for Purpose
P01	08/06/21	First Issue
I/R	DATE	DESCRIPTION

PURPOSE OF ISSUE

ISSUED FOR PURPOSE

KEY PLAN

PROJECT NUMBER

60656877

SHEET TITLE

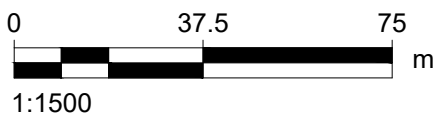
EXPLORATORY HOLE AND SITE LOCATION PLAN

SHEET NUMBER

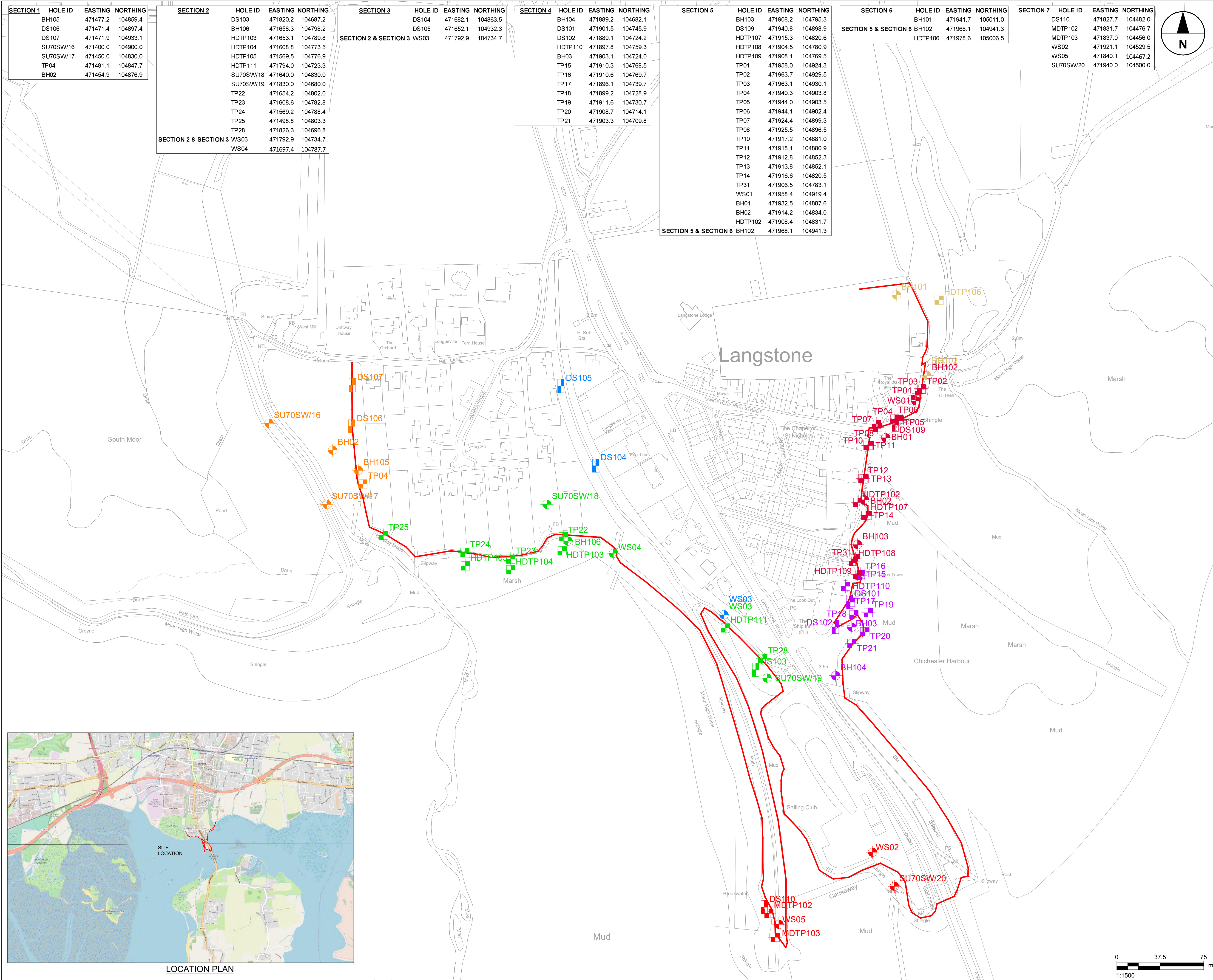
LANG-ACM-XX-XX-DR-GT-00002



LOCATION PLAN



Appendix E Ground Model Sections



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AECOM

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LEGEND

SITE BOUNDARY

SECTION 1 GI (FRONTAGE 1B)

SECTION 2 GI (FRONTAGE 1A & 2)

SECTION 3 GI (FRONTAGE 2)

SECTION 4 GI (FRONTAGE 3)

SECTION 5 GI (FRONTAGE 4 & 5)

SECTION 6 GI (FRONTAGE 5)

SECTION 7 GI (FRONTAGE 6)

ISSUE/REVISION

P02	24/02/22	MDTP101 & Boundary Update
P01	21/01/22	First Issue
I/R	DATE	DESCRIPTION

PURPOSE OF ISSUE

ISSUED FOR PURPOSE

KEY PLAN

PROJECT NUMBER

60656877

SHEET TITLE

GROUND MODEL PLAN

SHEET NUMBER

LANG-ACM-XX-XX-DR-GT-00007

Appendix F GQRA Screening Tables

NV - No EC Value available
NR - Not relevant for Human Health Assessment



Exceedance

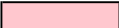
MG
BD
ALL
CHALK

Made Ground
Beach Deposits
Alluvium
Chalk (Bedrock)

Client Sample ID	BH101	BH101	BH101	BH102	BH102	BH102	BH103	BH103	BH103	BH104	BH104	BH104
Depth to Top	0.2	0.4	2.7	0.2	0.5	1.8	0.1	0.5	2.6	0.2	0.5	1
Depth to Bottom	0.4	0.8	3.1			2.2	0.2		3	0.4	0.8	1.3
Date Sampled	24-Sep-21	24-Sep-21	24-Sep-21	29-Sep-21	29-Sep-21	29-Sep-21	30-Sep-21	30-Sep-21	30-Sep-21	22-Sep-21	22-Sep-21	22-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil	Solid	Soil - ES	Soil - ES

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	CHALK	MG	ALL	CHALK	MG	ALL	CHALK	MG	MG	MG
% Stones >10mm	% w/w	0.1	NR	-	42	25	37.30	0	0.8	11.5	8.4		5.4	<0.1		19.1	<0.1	<0.1	23.6	24.4
pH	pH	0.01	NR	-	40	40	11.92	0	7.18	8.37	8.65		8.4	8.68		8.43	8.7	8.92		11.92
Ammoniacal nitrogen as N	mg/kg	0.2	NV	-	10	10	6.80	0	4.5				0.6							0.9
Cyanide (free)	mg/kg	1	20	Dutch IV 2013 (residential value)	11	0	<1	0	<1				<1							<1
Cyanide (total)	mg/kg	1	23	USEPA RSL (May 2020) (residential value)	11	0	<1	0	<1				<1							<1
Phenols - Total by HPLC	mg/kg	0.2	NR	-	10	0	<0.2	0	<0.2				<0.2							<0.2
Total Organic Carbon	% w/w	0.03	NR	-	40	39	6.60	0	1.63	0.25	0.18		0.15	0.14		0.49	0.12	0.41		0.59
Arsenic	mg/kg	1	170	LQM/CIEH S4ULs 2015/Defra C4SL 12/2014	40	27	14.00	0	3	<1	<1		3	<1		4	1	6		2
Barium	mg/kg	1	NV	-	40	40	123.00	0	62	86	32		33	28		41	48	33		76
Beryllium	mg/kg	0.5	63	LQM/CIEH S4ULs 2015	40	22	1.20	0	0.9	0.5	<0.5		0.9	0.6		<0.5	0.7	<0.5		0.6
Boron (water soluble)	mg/kg	1	46000	LQM/CIEH S4ULs 2015	40	32	21.50	0	<1.0	<1.0	<1.0		5	3		2.8	3.2	1.8		1.1
Cadmium	mg/kg	0.5	560 / 880	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	26	1.20	0	1.1	<0.5	<0.5		1	0.7		<0.5	0.8	0.7		0.5
Copper	mg/kg	1	44000	LQM/CIEH S4ULs 2015	40	39	51.00	0	21	11	7		11	7		33	10	11		11
Chromium	mg/kg	1	33000	LQM/CIEH S4ULs 2015 for Chromium III	40	40	98.00	0	26	25	16		26	17		8	21	57		23
Chromium (hexavalent)	mg/kg	1	220 / 250	LQM/CIEH S4ULs 2015	38	0	<1	0	<1	<1	<1		<1	<1		<1	<1	<1		<1
Lead	mg/kg	1	1300	Defra C4SL 12/2014	40	40	782.00	0	136	21	5		20	11		267	9	24		29
Mercury	mg/kg	0.17	240	LQM/CIEH S4ULs 2015	40	28	3.68	0	<0.17	0.31	1.87		1.28	2.86		1.81	2.36	0.56		1.99
Nickel	mg/kg	1	800	LQM/CIEH S4ULs 2015	40	39	72.00	0	18	21	11		25	14		6	19	47		14
Selenium	mg/kg	1	1800	LQM/CIEH S4ULs 2015	40	0	<1	0	<1	<1	<1		<1	<1		<1	<1	<1		<1
Vanadium	mg/kg	1	5000	LQM/CIEH S4ULs 2015	40	40	48.00	0	37	31	17		37	20		12	24	27		26
Zinc	mg/kg	5	170000	LQM/CIEH S4ULs 2015	40	39	211.00	0	49	36	27		46	30		33	37	31		40
Asbestos in Soil (inc. matrix)				-				0												
Asbestos in soil			Detected	-	21	0	NAD	21	NAD			NAD			NAD			NAD	NAD	NAD
Organotins								0												
Tetrabutyltin	µg/kg	10	All <LOD		5	0	<10	0												
Tributyltin	µg/kg	10	All <LOD		5	0	<10	0												
Triphenyltin	µg/kg	10	All <LOD		5	0	<10	0												
Dibutyltin	µg/kg	10	All <LOD		5	0	<10	0												
Monobutyltin	µg/kg	10	All <LOD		5	0	<10	0												
PAH-16MS								0												
Acenaphthene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	0.02		0.23
Acenaphthylene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	7	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	0.08		0.11
Anthracene	mg/kg	0.02	150000	LQM/CIEH S4ULs 2015	40	9	0.61	0	<0.02	<0.02	<0.02		0.02	<0.02		<0.02	<0.02	0.18		0.61
Benzo(a)anthracene	mg/kg	0.04	49	LQM/CIEH S4ULs 2015	40	12	1.90	0	0.08	<0.04	<0.04		0.13	0.1		<0.04	<0.04	1.28		1.9
Benzo(a)pyrene	mg/kg	0.04	11 / 21	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	13	1.89	0	0.1	<0.04	<0.04		0.15	0.15		<0.04	<0.04	1.48		1.89
Benzo(b)fluoranthene	mg/kg	0.05	13	LQM/CIEH S4ULs 2015	40	12	2.12	0	0.09	<0.05	<0.05		0.11	0.12		<0.05	<0.05	1.5		2.12
Benzo(ghi)perylene	mg/kg	0.05	1400	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.05	<0.05	<0.05		<0.05	0.06		<0.05	<0.05	0.74		0.84
Benzo(k)fluoranthene	mg/kg	0.07	370	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.07	<0.07	<0.07		0.1	<0.07		<0.07	<0.07	0.61		0.84
Chrysene	mg/kg	0.06	93	LQM/CIEH S4ULs 2015	40	12	1.76	0	0.12	<0.06	<0.06		0.15	0.11		<0.06	<0.06	1.15		1.76
Dibenzo(ah)anthracene	mg/kg	0.04	1.1	LQM/CIEH S4ULs 2015	40	4	<0.04	0	<0.04	<0.04	<0.04		<0.04	<0.04		<0.04	<0.04	0.18		0.23
Fluoranthene	mg/kg	0.08	6300	LQM/CIEH S4ULs 2015	40	12	3.93	0	0.18	<0.08	<0.08		0.29	0.17		<0.08	<0.08	1.8		3.93
Fluorene	mg/kg	0.01	20000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	0.03		0.27
Indeno(123-cd)pyrene	mg/kg	0.03	150	LQM/CIEH S4ULs 2015	40	12	1.03	0	0.06	<0.03	<0.03		0.06	0.07		<0.03	<0.03	0.85		1.03
Naphthalene	mg/kg	0.03	1200	LQM/CIEH S4ULs 2015	40	1	<0.03	0	<0.03	<0.03	<0.03		<0.03	<0.03		<0.03	<0.03	<0.03		0.04
Phenanthrene	mg/kg	0.03	6200	LQM/CIEH S4ULs 2015	40	12	2.02	0	0.06	<0.03	<0.03		0.09	0.06		<0.03	<0.03	0.41		2.02
Pyrene	mg/kg	0.07	15000	LQM/CIEH S4ULs 2015	40	12	3.55	0	0.15	<0.07	<0.07		0.26	0.16		<0.07	<0.07	1.85		3.55
Total PAH-16MS	mg/kg	0.01	NV	-	40	12	21.40	0	0.84	<0.08	<0.08		1.36	1		<0.08	<0.08	12.2		21.4
TPH CWG								0												
Ali >C5-C6	mg/kg	0.01	95000	LQM/CIEH S4ULs 2015	40	1	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
Ali >C6-C8	mg/kg	0.01	150000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
Ali >C8-C10	mg/kg	1	14000	LQM/CIEH S4ULs 2015	40	2	9.00	0	<1	<1	<1		<1	<1		<1	<1	<1		9
Ali >C10-C12	mg/kg	1	21000	LQM/CIEH S4ULs 2015	40	3	17.00	0	<1	<1	<1		<1	<1		<1	<1	2		10
Ali >C12-C16	mg/kg	1	25000	LQM/CIEH S4ULs 2015	40	5	15.00	0	<1	<1	<1		<1	<1		<1	<1	5		15
Ali >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	7	20.00	0	<1	<1	<1		<1	<1		<1	<1	5		20
Ali >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	13	45.00	0	1	<1	<1		<1	<1		<1	<1	27		23
Total Aliphatics	mg/kg	1	NV	-	40	13	77.00	0	1	<1	<1		<1	<1		<1	<1	40		77

NV - No EC Value available
NR - Not relevant for Human Health Assessment



Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Client Sample ID	BH101	BH101	BH101	BH102	BH102	BH102	BH103	BH103	BH103	BH104	BH104	BH104
Depth to Top	0.2	0.4	2.7	0.2	0.5	1.8	0.1	0.5	2.6	0.2	0.5	1
Depth to Bottom	0.4	0.8	3.1			2.2	0.2		3	0.4	0.8	1.3
Date Sampled	24-Sep-21	24-Sep-21	24-Sep-21	29-Sep-21	29-Sep-21	29-Sep-21	30-Sep-21	30-Sep-21	30-Sep-21	22-Sep-21	22-Sep-21	22-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil	Solid	Soil - ES	Soil - ES

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	CHALK	MG	ALL	CHALK	MG	ALL	CHALK	MG	MG	MG
Aro >C5-C7	mg/kg	0.01	76000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
Aro >C7-C8	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
Aro >C8-C10	mg/kg	1	7200	LQM/CIEH S4ULs 2015	40	6	17.00	0	<1	<1	<1		<1	<1		<1	<1	1		17
Aro >C10-C12	mg/kg	1	9200	LQM/CIEH S4ULs 2015	40	5	14.00	0	<1	<1	<1		<1	<1		<1	<1	1		14
Aro >C12-C16	mg/kg	1	10000	LQM/CIEH S4ULs 2015	40	11	13.00	0	<1	<1	<1		<1	<1		<1	<1	5		9
Aro >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	12	65.00	0	<1	<1	<1		<1	<1		<1	<1	12		30
Aro >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	14	312.00	0	2	<1	<1		<1	<1		<1	<1	73		70
Total Aromatics	mg/kg	1	NV	-	40	14	395.00	0	2	<1	<1		<1	<1		<1	<1	93		140
TPH (Ali & Aro >C5-C35)	mg/kg	1	NV	-	40	14	449.00	0	3	<1	<1		<1	<1		<1	<1	133		217
BTEX - Benzene	mg/kg	0.01	90 / 190	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
BTEX - Toluene	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
BTEX - Ethyl Benzene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
BTEX - m & p Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
BTEX - o Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
MTBE	mg/kg	0.01	NV	-	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01		<0.01
SVOC + TICs (excluding PAH-16)					0	0		0												
4-Bromophenyl phenyl ether	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Hexachlorobenzene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Diethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Dimethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Dibenzofuran	µg/kg	100	NV	-	9	1	154.00	0	<100											154
Carbazole	µg/kg	100	NV	-	9	1	330.00	0	<100											<100
Butylbenzyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Bis(2-ethylhexyl)phthalate	µg/kg	500	All <LOD	-	9	0	<500	0	<500											<500
Bis(2-chloroethoxy)methane	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Bis(2-chloroethyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
4-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
3+4-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
4-Chloro-3-methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2-Chlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2,6-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2,4-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2,4-Dimethylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2,4-Dichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2,4,6-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2,4,5-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2-Chloronaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
2-Methylnaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Bis(2-chloroisopropyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Phenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Pentachlorophenol (SVOC)	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
n-Nitroso-n-dipropylamine	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
n-Dioctylphthalate	µg/kg	500	All <LOD	-	9	0	<500	0	<500											<500
n-Dibutylphthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Nitrobenzene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Isophorone	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Hexachloroethane	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Hexachlorocyclopentadiene	µg/kg	100	All <LOD	-	9	0	<100	0	<100											<100
Perylene	µg/kg	100	1400000	LQM/CIEH S4ULs 2015 for Dibenz(a,h)anthracene	9	4	1360.00	0	<100											255
VOC																				
Dichlorodifluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1											<1
Chloromethane	µg/kg	10	All <LOD	-	12	0	<10	0	<10											<10
Vinyl Chloride (Chloroethene)	µg/kg	1	All <LOD	-	12	0	<1	0	<1											<1
Bromomethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1											<1
Chloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1											<1
Trichlorofluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1											<1
1,1-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0	<1											<1

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Project number: 60656877

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19/01/2022

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

All < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NR - No EC Value available				Exceedance		MG	Made Ground	Client Sample ID	BH104	BH104	BH105	BH105	BH105	BH105	BH105	BH106	BH106	DS101	DS101	DS101	DS102
NR - Not relevant for Human Health Assessment						BD	Beach Deposits	Depth to Top	2.8	4.9	0.2	0.4	1	6.2	0.2	1.5	0.2	0.5	1.7	1	
						ALL	Alluvium	Depth to Bottom		5						1.7					
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health						CHALK	Chalk (Bedrock)	Date Sampled	22-Sep-21	22-Sep-21	20-Sep-21	20-Sep-21	20-Sep-21	21-Sep-21	28-Sep-21	28-Sep-21	27-Sep-21	27-Sep-21	27-Sep-21	24-Sep-21	
								Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	
Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	ALL	CHALK	MG	MG	ALL	CHALK	BD	CHALK	MG	MG	ALL	ALL	
% Stones >10mm	% w/w	0.1	NR	-	42	25	37.30	0	<0.1	8.4		<0.1	<0.1	<0.1	<0.1	24.4		32.1	<0.1	<0.1	
pH	pH	0.01	NR	-	40	40	11.92	0	9.41	9.8		8.03	8.38	8.53	8.37	8.64		8.28	9.07	7.98	
Ammoniacal nitrogen as N	mg/kg	0.2	NV	-	10	10	6.80	0	1.4							0.7					
Cyanide (free)	mg/kg	1	20	Dutch IV 2013 (residential value)	11	0	<1	0	<1			<1				<1					
Cyanide (total)	mg/kg	1	23	USEPA RSL (May 2020) (residential value)	11	0	<1	0	<1			<1				<1					
Phenols - Total by HPLC	mg/kg	0.2	NR		10	0	<0.2	0	<0.2							<0.2					
Total Organic Carbon	% w/w	0.03	NR	-	40	39	6.60	0	0.15	0.13		0.43	0.23	0.16	1.45	0.15		2.65	0.23	2.11	
Arsenic	mg/kg	1	170	LQM/CIEH S4ULs 2015/Defra C4SL 12/2014	40	27	14.00	0	3	<1		2	3	<1	7	<1		4	<1	<1	
Barium	mg/kg	1	NV	-	40	40	123.00	0	53	25		69	73	24	10	36		120	55	29	
Beryllium	mg/kg	0.5	63	LQM/CIEH S4ULs 2015	40	22	1.20	0	0.7	<0.5		1.1	0.9	<0.5	<0.5	<0.5		<0.5	<0.5	0.6	
Boron (water soluble)	mg/kg	1	46000	LQM/CIEH S4ULs 2015	40	32	21.50	0	3.2	2.9		2.9	2.8	<1.0	3.4	2.7		4.9	3.3	21.5	
Cadmium	mg/kg	0.5	560 / 880	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	26	1.20	0	0.8	<0.5		1.1	1	<0.5	<0.5	0.6		<0.5	<0.5	<0.5	
Copper	mg/kg	1	44000	LQM/CIEH S4ULs 2015	40	39	51.00	0	7	4		24	19	5	4	5		22	9	10	
Chromium	mg/kg	1	33000	LQM/CIEH S4ULs 2015 for Chromium III	40	40	98.00	0	29	12		35	28	16	19	12		12	20	27	
Chromium (hexavalent)	mg/kg	1	220 / 250	LQM/CIEH S4ULs 2015	38	0	<1	0	<1	<1		<1	<1	<1				<1	<1	<1	
Lead	mg/kg	1	1300	Defra C4SL 12/2014	40	40	782.00	0	6	4		19	14	5	9	5		782	15	17	
Mercury	mg/kg	0.17	240	LQM/CIEH S4ULs 2015	40	28	3.68	0	3.28	3.14		<0.17	<0.17	3.68	0.25	2.02		0.26	1.84	<0.17	
Nickel	mg/kg	1	800	LQM/CIEH S4ULs 2015	40	39	72.00	0	21	8		26	29	11	21	11		21	12	17	
Selenium	mg/kg	1	1800	LQM/CIEH S4ULs 2015	40	0	<1	0	<1	<1		<1	<1	<1	<1	<1		<1	<1	<1	
Vanadium	mg/kg	1	5000	LQM/CIEH S4ULs 2015	40	40	48.00	0	24	12		46	35	13	10	17		17	27	42	
Zinc	mg/kg	5	170000	LQM/CIEH S4ULs 2015	40	39	211.00	0	31	16		57	50	20	19	23		176	31	44	
Asbestos in Soil (inc. matrix)				-				0													
Asbestos in soil			Detected	-	21	0	NAD	21			NAD	NAD					NAD	NAD			
Organotins								0													
Tetrabutyltin	µg/kg	10	All <LOD		5	0	<10	0													
Tributyltin	µg/kg	10	All <LOD		5	0	<10	0													
Triphenyltin	µg/kg	10	All <LOD		5	0	<10	0													
Dibutyltin	µg/kg	10	All <LOD		5	0	<10	0													
Monobutyltin	µg/kg	10	All <LOD		5	0	<10	0													
PAH-16MS								0													
Acenaphthene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	0.01	<0.01		0.04	<0.01	<0.01	
Acenaphthylene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	7	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		0.04	<0.01	<0.01	
Anthracene	mg/kg	0.02	150000	LQM/CIEH S4ULs 2015	40	9	0.61	0	<0.02	<0.02		<0.02	<0.02	<0.02	0.16	<0.02		0.25	<0.02	<0.02	
Benzo(a)anthracene	mg/kg	0.04	49	LQM/CIEH S4ULs 2015	40	12	1.90	0	<0.04	<0.04		<0.04	<0.04	<0.04	0.48	<0.04		1.18	<0.04	<0.04	
Benzo(a)pyrene	mg/kg	0.04	11 / 21	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	13	1.89	0	<0.04	<0.04		<0.04	<0.04	<0.04	0.36	<0.04		1.23	<0.04	<0.04	
Benzo(b)fluoranthene	mg/kg	0.05	13	LQM/CIEH S4ULs 2015	40	12	2.12	0	<0.05	<0.05		<0.05	<0.05	<0.05	0.36	<0.05		1.39	<0.05	<0.05	
Benzo(ghi)perylene	mg/kg	0.05	1400	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.05	<0.05		<0.05	<0.05	<0.05	0.12	<0.05		0.59	<0.05	<0.05	
Benzo(k)fluoranthene	mg/kg	0.07	370	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.07	<0.07		<0.07	<0.07	<0.07	0.19	<0.07		0.55	<0.07	<0.07	
Chrysene	mg/kg	0.06	93	LQM/CIEH S4ULs 2015	40	12	1.76	0	<0.06	<0.06		<0.06	<0.06	<0.06	0.4	<0.06		1.28	<0.06	<0.06	
Dibenzo(ah)anthracene	mg/kg	0.04	1.1	LQM/CIEH S4ULs 2015	40	4	<0.04	0	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04		0.14	<0.04	<0.04	
Fluoranthene	mg/kg	0.08	6300	LQM/CIEH S4ULs 2015	40	12	3.93	0	<0.08	<0.08		<0.08	<0.08	<0.08	1.14	<0.08		2.17	<0.08	<0.08	
Fluorene	mg/kg	0.01	20000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	0.02	<0.01		0.05	<0.01	<0.01	
Indeno(123-cd)pyrene	mg/kg	0.03	150	LQM/CIEH S4ULs 2015	40	12	1.03	0	<0.03	<0.03		<0.03	<0.03	<0.03	0.16	<0.03		0.74	<0.03	<0.03	
Naphthalene	mg/kg	0.03	1200	LQM/CIEH S4ULs 2015	40	1	<0.03	0	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	<0.03		<0.03	<0.03	<0.03	
Phenanthrene	mg/kg	0.03	6200	LQM/CIEH S4ULs 2015	40	12	2.02	0	<0.03	<0.03		<0.03	<0.03	<0.03	0.42	<0.03		0.68	<0.03	<0.03	
Pyrene	mg/kg	0.07	15000	LQM/CIEH S4ULs 2015	40	12	3.55	0	<0.07	<0.07		<0.07	<0.07	<0.07	0.89	<0.07		1.77	<0.07	<0.07	
Total PAH-16MS	mg/kg	0.01	NV	-	40	12	21.40	0	<0.08	<0.08		<0.08	<0.08	<0.08	4.71	<0.08		12.1	<0.08	<0.08	
TPH CWG								0													
Ali >C5-C6	mg/kg	0.01	95000	LQM/CIEH S4ULs 2015	40	1	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	0.01	<0.01		<0.01	<0.01	<0.01	
Ali >C6-C8	mg/kg	0.01	150000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	
Ali >C8-C10	mg/kg	1	14000	LQM/CIEH S4ULs 2015	40	2	9.00	0	<1	<1		<1	<1	<1	<1	<1		<1	<1	<1	
Ali >C10-C12	mg/kg	1	21000	LQM/CIEH S4ULs 2015	40	3	17.00	0	<1	<1		<1	<1	<1	<1	<1		<1	<1	<1	
Ali >C12-C16	mg/kg	1	25000	LQM/CIEH S4ULs 2015	40	5	15.00	0	<1	<1		<1									

NV - No EC Value available
NR - Not relevant for Human Health Assessment



Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NV - No EC Value available NR - Not relevant for Human Health Assessment					Exceedance	MG BD ALL CHALK	Made Ground Beach Deposits Alluvium Chalk (Bedrock)	Client Sample ID	BH104	BH104	BH105	BH105	BH105	BH105	BH105	BH106	BH106	DS101	DS101	DS101	DS102	
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health								Depth to Top	2.8	4.9	0.2	0.4	1	6.2	0.2	1.5	0.2	0.5	1.7	1		
								Depth to Bottom	5								1.7					
								Date Sampled	22-Sep-21	22-Sep-21	20-Sep-21	20-Sep-21	20-Sep-21	21-Sep-21	28-Sep-21	28-Sep-21	27-Sep-21	27-Sep-21	27-Sep-21	24-Sep-21		
								Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES		
Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	ALL	CHALK	MG	MG	ALL	CHALK	BD	CHALK	MG	MG	ALL	ALL		
Aro >C5-C7	mg/kg	0.01	76000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
Aro >C7-C8	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
Aro >C8-C10	mg/kg	1	7200	LQM/CIEH S4ULs 2015	40	6	17.00	0	<1	<1		<1	<1	<1	<1	<1		<1	<1	<1		
Aro >C10-C12	mg/kg	1	9200	LQM/CIEH S4ULs 2015	40	5	14.00	0	<1	<1		<1	<1	<1	<1	<1		<1	<1	<1		
Aro >C12-C16	mg/kg	1	10000	LQM/CIEH S4ULs 2015	40	11	13.00	0	<1	<1		<1	<1	<1	2	<1		3	<1	<1		
Aro >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	12	65.00	0	<1	<1		<1	<1	<1	6	<1		15	<1	<1		
Aro >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	14	312.00	0	<1	<1		<1	<1	<1	30	<1		86	1	<1		
Total Aromatics	mg/kg	1	NV	-	40	14	395.00	0	<1	<1		<1	<1	<1	38	<1		104	1	<1		
TPH (Ali & Aro >C5-C35)	mg/kg	1	NV	-	40	14	449.00	0	<1	<1		<1	<1	<1	58	<1		140	1	<1		
BTEX - Benzene	mg/kg	0.01	90 / 190	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
BTEX - Toluene	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
BTEX - Ethyl Benzene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
BTEX - m & p Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
BTEX - o Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
MTBE	mg/kg	0.01	NV	-	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01		
SVOC + TICs (excluding PAH-16)					0	0		0														
4-Bromophenyl phenyl ether	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Hexachlorobenzene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Diethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Dimethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Dibenzofuran	µg/kg	100	NV	-	9	1	154.00	0	<100			<100										
Carbazole	µg/kg	100	NV	-	9	1	330.00	0	<100			<100										
Butylbenzyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Bis(2-ethylhexyl)phthalate	µg/kg	500	All <LOD	-	9	0	<500	0	<500			<500										
Bis(2-chloroethoxy)methane	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Bis(2-chloroethyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
4-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
3+4-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
4-Chloro-3-methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2-Chlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2,6-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2,4-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2,4-Dimethylphenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2,4-Dichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2,4,6-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2,4,5-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2-Chloronaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
2-Methylnaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Bis(2-chloroisopropyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Phenol	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Pentachlorophenol (SVOC)	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
n-Nitroso-n-dipropylamine	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
n-Dioctylphthalate	µg/kg	500	All <LOD	-	9	0	<500	0	<500			<500										
n-Dibutylphthalate	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Nitrobenzene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Isophorone	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Hexachloroethane	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Hexachlorocyclopentadiene	µg/kg	100	All <LOD	-	9	0	<100	0	<100			<100										
Perylene	µg/kg	100	1400000	LQM/CIEH S4ULs 2015 for Dibenz(a,h)anthracene	9	4	1360.00	0	<100			<100										
VOC																						
Dichlorodifluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1										
Chloromethane	µg/kg	10	All <LOD	-	12	0	<10	0	<10			<10										
Vinyl Chloride (Chloroethene)	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1										
Bromomethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1										
Chloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1										
Trichlorofluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1										
1,1-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1										

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

Client Sample ID

BH104

BH104

BH105

BH105

BH105

BH105

BH106

BH106

DS101

DS101

DS101

DS102

Depth to Top

2.8

4.9

0.2

0.4

1

6.2

0.2

1.5

0.2

0.5

1.7

1

Depth to Bottom

5

1.7

Date Sampled

22-Sep-21

22-Sep-21

20-Sep-21

20-Sep-21

20-Sep-21

21-Sep-21

28-Sep-21

28-Sep-21

27-Sep-21

27-Sep-21

27-Sep-21

24-Sep-21

Sample Type

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Solid

Solid

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	ALL	CHALK	MG	MG	ALL	CHALK	BD	CHALK	MG	MG	ALL	ALL
Carbon Disulphide	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Dichloromethane	µg/kg	5	All <LOD	-	12	0	<5	0	<5			<5								
trans 1,2-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,1-Dichloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
cis 1,2-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
2,2-Dichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Bromochloromethane	µg/kg	5	All <LOD	-	12	0	<5	0	<5			<5								
Chloroform	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,1,1-Trichloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,1-Dichloropropene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Carbon Tetrachloride	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,2-Dichloroethane	µg/kg	2	All <LOD	-	12	0	<2	0	<2			<2								
Benzene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Trichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,2-Dichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Dibromomethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Bromodichloromethane	µg/kg	10	All <LOD	-	12	0	<10	0	<10			<10								
cis 1,3-Dichloropropene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Toluene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
trans 1,3-Dichloropropene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,1,2-Trichloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,3-Dichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Tetrachloroethene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Dibromochloromethane	µg/kg	3	All <LOD	-	12	0	<3	0	<3			<3								
1,2-Dibromoethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Chlorobenzene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,1,1,2-Tetrachloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Ethylbenzene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
m & p Xylene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
o-Xylene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Styrene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Bromoform	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Isopropylbenzene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,1,2,2-Tetrachloroethane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
1,2,3-Trichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								
Bromobenzene	µg/kg	1	All <LOD	-	12	0	<1	0	<1			<1								

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

Client Sample ID

BH104

BH104

BH105

BH105

BH105

BH105

BH106

BH106

DS101

DS101

DS101

DS102

Depth to Top

2.8

4.9

0.2

0.4

1

6.2

0.2

1.5

0.2

0.5

1.7

1

Depth to Bottom

5

Date Sampled

22-Sep-21

22-Sep-21

20-Sep-21

20-Sep-21

20-Sep-21

21-Sep-21

28-Sep-21

28-Sep-21

27-Sep-21

27-Sep-21

27-Sep-21

24-Sep-21

Sample Type

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Solid

Solid

Soil - ES

Soil - ES

Soil - ES

Soil - ES

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	DS103	DS104	DS105	DS105	DS105	DS106	DS106	DS107	DS109	DS109	HDTP103	HDTP104
Depth to Top	0.55	0.5	0.2	1.4	3.3	0.5	1	0.5	0.6	1	0.2	0.2
Depth to Bottom												
Date Sampled	23-Sep-21	21-Sep-21	22-Sep-21	22-Sep-21	22-Sep-21	20-Sep-21	20-Sep-21	21-Sep-21	29-Sep-21	29-Sep-21	16-Sep-21	16-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	ALL	ALL	MG	ALL	CHALK	MG	ALL	MG	MG	MG	BD	BD
% Stones >10mm	% w/w	0.1	NR	-	42	25	37.30	0	10	7.4	29.3	<0.1	<0.1	4.2	<0.1	4.1	17.6	1.6	<0.1	<0.1
pH	pH	0.01	NR	-	40	40	11.92	0	8.11	8.2		8.37	9.07	7.35	8.67	5.55	8.84	8.74	7.38	8.69
Ammoniacal nitrogen as N	mg/kg	0.2	NV	-	10	10	6.80	0												0.7
Cyanide (free)	mg/kg	1	20	Dutch IV 2013 (residential value)	11	0	<1	0												<1
Cyanide (total)	mg/kg	1	23	USEPA RSL (May 2020) (residential value)	11	0	<1	0												<1
Phenols - Total by HPLC	mg/kg	0.2	NR		10	0	<0.2	0												<0.2
Total Organic Carbon	% w/w	0.03	NR	-	40	39	6.60	0	0.64	1.41		0.29	0.1	1.4	0.25	1.52	0.41	0.14	0.27	0.15
Arsenic	mg/kg	1	170	LQM/CIEH S4ULs 2015/Defra C4SL 12/2014	40	27	14.00	0	4	<1		7	<1	2	1	2	<1	<1	10	5
Barium	mg/kg	1	NV	-	40	40	123.00	0	31	61		71	23	39	82	64	61	29	29	123
Beryllium	mg/kg	0.5	63	LQM/CIEH S4ULs 2015	40	22	1.20	0	<0.5	0.6		0.8	<0.5	<0.5	0.8	<0.5	0.6	0.7	<0.5	0.8
Boron (water soluble)	mg/kg	1	46000	LQM/CIEH S4ULs 2015	40	32	21.50	0	6.8	<1.0		<1.0	<1.0	1.6	1	<1.0	2.6	3.2	3.2	6.3
Cadmium	mg/kg	0.5	560 / 880	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	26	1.20	0	<0.5	0.7		1.1	<0.5	0.7	0.9	0.7	0.7	0.8	<0.5	0.8
Copper	mg/kg	1	44000	LQM/CIEH S4ULs 2015	40	39	51.00	0	12	23		14	4	12	11	13	33	11	11	12
Chromium	mg/kg	1	33000	LQM/CIEH S4ULs 2015 for Chromium III	40	40	98.00	0	21	40		30	28	22	30	22	21	20	46	31
Chromium (hexavalent)	mg/kg	1	220 / 250	LQM/CIEH S4ULs 2015	38	0	<1	0	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1
Lead	mg/kg	1	1300	Defra C4SL 12/2014	40	40	782.00	0	39	35		14	3	54	12	58	71	9	32	10
Mercury	mg/kg	0.17	240	LQM/CIEH S4ULs 2015	40	28	3.68	0	0.41	0.53		<0.17	3.58	<0.17	0.47	<0.17	1.72	1.96	0.63	1.34
Nickel	mg/kg	1	800	LQM/CIEH S4ULs 2015	40	39	72.00	0	15	34		31	21	14	22	17	19	18	41	27
Selenium	mg/kg	1	1800	LQM/CIEH S4ULs 2015	40	0	<1	0	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1
Vanadium	mg/kg	1	5000	LQM/CIEH S4ULs 2015	40	40	48.00	0	27	19		41	13	26	38	29	23	27	18	39
Zinc	mg/kg	5	170000	LQM/CIEH S4ULs 2015	40	39	211.00	0	42	47		41	19	34	38	52	40	34	43	40
Asbestos in Soil (inc. matrix)				-				0												
Asbestos in soil			Detected	-	21	0	NAD	21			NAD			NAD	NAD			NAD		
Organotins								0												
Tetrabutyltin	µg/kg	10	All <LOD		5	0	<10	0												<10
Tributyltin	µg/kg	10	All <LOD		5	0	<10	0												<10
Triphenyltin	µg/kg	10	All <LOD		5	0	<10	0												<10
Dibutyltin	µg/kg	10	All <LOD		5	0	<10	0												<10
Monobutyltin	µg/kg	10	All <LOD		5	0	<10	0												<10
PAH-16MS								0												
Acenaphthene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Acenaphthylene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	7	<0.01	0	<0.01	0.02		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Anthracene	mg/kg	0.02	150000	LQM/CIEH S4ULs 2015	40	9	0.61	0	<0.02	0.04		<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo(a)anthracene	mg/kg	0.04	49	LQM/CIEH S4ULs 2015	40	12	1.90	0	<0.04	0.25		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Benzo(a)pyrene	mg/kg	0.04	11 / 21	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	13	1.89	0	<0.04	0.33		<0.04	<0.04	<0.04	<0.04	<0.04	0.05	<0.04	<0.04	<0.04
Benzo(b)fluoranthene	mg/kg	0.05	13	LQM/CIEH S4ULs 2015	40	12	2.12	0	<0.05	0.41		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(ghi)perylene	mg/kg	0.05	1400	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.05	0.16		<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Benzo(k)fluoranthene	mg/kg	0.07	370	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.07	0.16		<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Chrysene	mg/kg	0.06	93	LQM/CIEH S4ULs 2015	40	12	1.76	0	<0.06	0.35		<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06
Dibenzo(ah)anthracene	mg/kg	0.04	1.1	LQM/CIEH S4ULs 2015	40	4	<0.04	0	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04
Fluoranthene	mg/kg	0.08	6300	LQM/CIEH S4ULs 2015	40	12	3.93	0	<0.08	0.4		<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
Fluorene	mg/kg	0.01	20000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	mg/kg	0.03	150	LQM/CIEH S4ULs 2015	40	12	1.03	0	<0.03	0.18		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Naphthalene	mg/kg	0.03	1200	LQM/CIEH S4ULs 2015	40	1	<0.03	0	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phenanthrene	mg/kg	0.03	6200	LQM/CIEH S4ULs 2015	40	12	2.02	0	<0.03	0.12		<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Pyrene	mg/kg	0.07	15000	LQM/CIEH S4ULs 2015	40	12	3.55	0	<0.07	0.37		<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07
Total PAH-16MS	mg/kg	0.01	NV	-	40	12	21.40	0	<0.08	2.79		<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08	<0.08
TPH CWG								0												
Ali >C5-C6	mg/kg	0.01	95000	LQM/CIEH S4ULs 2015	40	1	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C6-C8	mg/kg	0.01	150000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C8-C10	mg/kg	1	14000	LQM/CIEH S4ULs 2015	40	2	9.00	0	<1	<1		6	<1	<1	<1	<1	<1	<1	<1	<1
Ali >C10-C12	mg/kg	1	21000	LQM/CIEH S4ULs 2015	40	3	17.00	0	<1	<1		17	<1	<1	<1	<1	<1	<1	<1	<1
Ali >C12-C16	mg/kg	1	25000	LQM/CIEH S4ULs 2015	40	5	15.00	0	<1	<1		<1	<1	<1	<1	<1	<1	<1	<1	<1
Ali >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	7	20.00	0	<1	<1		1	<1	<1	<1	<1	<1	<1	<1	<1
Ali >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	13	45.00	0	<1	9		17	<1	<1	<1	39	2	<1	<1	<1
Total Aliphatics	mg/kg	1	NV	-	40	13	77.00	0	<1	9		42	<1	<1	<1	39	2	<1	<1	<1

NV - No EC Value available					Exceedance			MG		Made Ground		Client Sample ID		DS103	DS104	DS105	DS105	DS105	DS106	DS106	DS107	DS109	DS109	DS109	HDTP103	HDTP104
NR - Not relevant for Human Health Assessment								BD		Beach Deposits		Depth to Top		0.55	0.5	0.2	1.4	3.3	0.5	1	0.5	0.6	1	0.2	0.2	
								ALL		Alluvium		Depth to Bottom														
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health								CHALK		Chalk (Bedrock)		Date Sampled		23-Sep-21	21-Sep-21	22-Sep-21	22-Sep-21	22-Sep-21	20-Sep-21	20-Sep-21	21-Sep-21	29-Sep-21	29-Sep-21	16-Sep-21	16-Sep-21	
												Sample Type		Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES	
Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	ALL	ALL	MG	ALL	CHALK	MG	ALL	MG	MG	MG	MG	MG	BD	BD				
Aro >C5-C7	mg/kg	0.01	76000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01				
Aro >C7-C8	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
Aro >C8-C10	mg/kg	1	7200	LQM/CIEH S4ULs 2015	40	6	17.00	0	<1	1		2	<1	<1	<1	<1	<1	<1	<1	<1	<1					
Aro >C10-C12	mg/kg	1	9200	LQM/CIEH S4ULs 2015	40	5	14.00	0	<1	<1		8	<1	<1	<1	<1	<1	<1	<1	<1	<1					
Aro >C12-C16	mg/kg	1	10000	LQM/CIEH S4ULs 2015	40	11	13.00	0	<1	2		2	<1	<1	<1	1	<1	<1	<1	<1	<1					
Aro >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	12	65.00	0	<1	4		3	<1	<1	<1	8	3	<1	<1	<1	<1					
Aro >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	14	312.00	0	<1	22		3	<1	<1	<1	56	14	<1	<1	<1	<1					
Total Aromatics	mg/kg	1	NV	-	40	14	395.00	0	<1	29		20	<1	<1	<1	65	19	<1	<1	<1	<1					
TPH (Ali & Aro >C5-C35)	mg/kg	1	NV	-	40	14	449.00	0	<1	38		62	<1	<1	<1	104	20	<1	<1	<1	<1					
BTEX - Benzene	mg/kg	0.01	90 / 190	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
BTEX - Toluene	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
BTEX - Ethyl Benzene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
BTEX - m & p Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
BTEX - o Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
MTBE	mg/kg	0.01	NV	-	40	0	<0.01	0	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01					
SVOC + TICs (excluding PAH-16)					0	0		0																		
4-Bromophenyl phenyl ether	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Hexachlorobenzene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Diethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Dimethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Dibenzofuran	µg/kg	100	NV	-	9	1	154.00	0													<100					
Carbazole	µg/kg	100	NV	-	9	1	330.00	0													<100					
Butylbenzyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Bis(2-ethylhexyl)phthalate	µg/kg	500	All <LOD	-	9	0	<500	0													<500					
Bis(2-chloroethoxy)methane	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Bis(2-chloroethyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
4-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
3+4-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
4-Chloro-3-methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2-Chlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2,6-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2,4-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2,4-Dimethylphenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2,4-Dichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2,4,6-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2,4,5-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2-Chloronaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
2-Methylnaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Bis(2-chloroisopropyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Phenol	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Pentachlorophenol (SVOC)	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
n-Nitroso-n-dipropylamine	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
n-Dioctylphthalate	µg/kg	500	All <LOD	-	9	0	<500	0													<500					
n-Dibutylphthalate	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Nitrobenzene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Isophorone	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Hexachloroethane	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Hexachlorocyclopentadiene	µg/kg	100	All <LOD	-	9	0	<100	0													<100					
Perylene	µg/kg	100	1400000	LQM/CIEH S4ULs 2015 for Dibenz(a,h)anthracene	9	4	1360.00	0													<100					
VOC																										
Dichlorodifluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0				<1									<1					
Chloromethane	µg/kg	10	All <LOD	-	12	0	<10	0				<10									<10					
Vinyl Chloride (Chloroethene)	µg/kg	1	All <LOD	-	12	0	<1	0				<1									<1					
Bromomethane	µg/kg	1	All <LOD	-	12	0	<1	0				<1									<1					
Chloroethane	µg/kg	1	All <LOD	-	12	0	<1	0				<1									<1					
Trichlorofluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0				<1									<1					
1,1-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0				<1														

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

All < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	HOTP105	HOTP107	HOTP108	HOTP109	HOTP110	HOTP111
Depth to Top	0.2	0.2	0.5	1	0.5	0.5
Depth to Bottom						
Date Sampled	16-Sep-21	17-Sep-21	17-Sep-21	17-Sep-21	16-Sep-21	23-Sep-21
Sample Type	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	BD	MG	MG	ALL	MG	MG
% Stones >10mm	% w/w	0.1	NR	-	42	25	37.30	0	<0.1	15.6	11.2	26.3	10	0.4
pH	pH	0.01	NR	-	40	40	11.92	0	8.78	8.96	8.99	8.43	8.88	7.91
Ammoniacal nitrogen as N	mg/kg	0.2	NV	-	10	10	6.80	0		2.8	0.7		0.5	6.8
Cyanide (free)	mg/kg	1	20	Dutch IV 2013 (residential value)	11	0	<1	0		<1	<1		<1	<1
Cyanide (total)	mg/kg	1	23	USEPA RSL (May 2020) (residential value)	11	0	<1	0		<1	<1		<1	<1
Phenols - Total by HPLC	mg/kg	0.2	NR	-	10	0	<0.2	0		<0.2	<0.2		<0.2	<0.2
Total Organic Carbon	% w/w	0.03	NR	-	40	39	6.60	0	0.31	2.2	4.42	0.36	0.84	6.6
Arsenic	mg/kg	1	170	LQM/CIEH S4ULs 2015/Defra C4SL 12/2014	40	27	14.00	0	7	5	10	6	4	14
Barium	mg/kg	1	NV	-	40	40	123.00	0	24	60	83	30	110	66
Beryllium	mg/kg	0.5	63	LQM/CIEH S4ULs 2015	40	22	1.20	0	<0.5	<0.5	0.6	0.6	0.5	1.2
Boron (water soluble)	mg/kg	1	46000	LQM/CIEH S4ULs 2015	40	32	21.50	0	2.9	2.5	5	4.9	3.7	14.3
Cadmium	mg/kg	0.5	560 / 880	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	26	1.20	0	0.6	0.7	0.7	0.6	0.5	1.2
Copper	mg/kg	1	44000	LQM/CIEH S4ULs 2015	40	39	51.00	0	12	32	41	14	18	51
Chromium	mg/kg	1	33000	LQM/CIEH S4ULs 2015 for Chromium III	40	40	98.00	0	98	17	20	22	15	35
Chromium (hexavalent)	mg/kg	1	220 / 250	LQM/CIEH S4ULs 2015	38	0	<1	0	<1	<1	<1	<1	<1	<1
Lead	mg/kg	1	1300	Defra C4SL 12/2014	40	40	782.00	0	23	231	533	32	292	91
Mercury	mg/kg	0.17	240	LQM/CIEH S4ULs 2015	40	28	3.68	0	<0.17	2.93	0.56	<0.17	1.38	2.74
Nickel	mg/kg	1	800	LQM/CIEH S4ULs 2015	40	39	72.00	0	72	17	21	20	12	24
Selenium	mg/kg	1	1800	LQM/CIEH S4ULs 2015	40	0	<1	0	<1	<1	<1	<1	<1	<1
Vanadium	mg/kg	1	5000	LQM/CIEH S4ULs 2015	40	40	48.00	0	20	19	26	29	20	48
Zinc	mg/kg	5	170000	LQM/CIEH S4ULs 2015	40	39	211.00	0	37	73	211	46	164	107
Asbestos in Soil (inc. matrix)				-				0						
Asbestos in soil			Detected	-	21	0	NAD	21		NAD	NAD		NAD	NAD
Organotins								0						
Tetrabutyltin	µg/kg	10	All <LOD		5	0	<10	0		<10	<10			<10
Tributyltin	µg/kg	10	All <LOD		5	0	<10	0		<10	<10			<10
Triphenyltin	µg/kg	10	All <LOD		5	0	<10	0		<10	<10			<10
Dibutyltin	µg/kg	10	All <LOD		5	0	<10	0		<10	<10			<10
Monobutyltin	µg/kg	10	All <LOD		5	0	<10	0		<10	<10			<10
PAH-16MS								0						
Acenaphthene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01	0.01	<0.01	<0.01	0.02
Acenaphthylene	mg/kg	0.01	29000	LQM/CIEH S4ULs 2015	40	7	<0.01	0	<0.01	<0.01	0.02	<0.01	0.01	0.07
Anthracene	mg/kg	0.02	150000	LQM/CIEH S4ULs 2015	40	9	0.61	0	<0.02	<0.02	0.07	<0.02	0.02	0.13
Benzo(a)anthracene	mg/kg	0.04	49	LQM/CIEH S4ULs 2015	40	12	1.90	0	<0.04	0.07	0.54	<0.04	0.2	0.7
Benzo(a)pyrene	mg/kg	0.04	11 / 21	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	13	1.89	0	<0.04	0.09	0.56	<0.04	0.21	0.59
Benzo(b)fluoranthene	mg/kg	0.05	13	LQM/CIEH S4ULs 2015	40	12	2.12	0	<0.05	0.11	0.62	<0.05	0.23	0.7
Benzo(ghi)perylene	mg/kg	0.05	1400	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.05	<0.05	0.23	<0.05	0.12	0.33
Benzo(k)fluoranthene	mg/kg	0.07	370	LQM/CIEH S4ULs 2015	40	9	0.84	0	<0.07	<0.07	0.23	<0.07	0.11	0.24
Chrysene	mg/kg	0.06	93	LQM/CIEH S4ULs 2015	40	12	1.76	0	<0.06	0.09	0.63	<0.06	0.21	0.85
Dibenzo(ah)anthracene	mg/kg	0.04	1.1	LQM/CIEH S4ULs 2015	40	4	<0.04	0	<0.04	<0.04	0.06	<0.04	<0.04	<0.04
Fluoranthene	mg/kg	0.08	6300	LQM/CIEH S4ULs 2015	40	12	3.93	0	<0.08	0.13	1.12	<0.08	0.32	1.6
Fluorene	mg/kg	0.01	20000	LQM/CIEH S4ULs 2015	40	6	<0.01	0	<0.01	<0.01	0.02	<0.01	<0.01	0.02
Indeno(123-cd)pyrene	mg/kg	0.03	150	LQM/CIEH S4ULs 2015	40	12	1.03	0	<0.03	0.05	0.31	<0.03	0.15	0.39
Naphthalene	mg/kg	0.03	1200	LQM/CIEH S4ULs 2015	40	1	<0.03	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Phenanthrene	mg/kg	0.03	6200	LQM/CIEH S4ULs 2015	40	12	2.02	0	<0.03	0.05	0.43	<0.03	0.1	0.24
Pyrene	mg/kg	0.07	15000	LQM/CIEH S4ULs 2015	40	12	3.55	0	<0.07	0.12	0.95	<0.07	0.29	2.5
Total PAH-16MS	mg/kg	0.01	NV	-	40	12	21.40	0	<0.08	0.71	5.8	<0.08	1.97	8.38
TPH CWG								0						
Ali >C5-C6	mg/kg	0.01	95000	LQM/CIEH S4ULs 2015	40	1	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C6-C8	mg/kg	0.01	150000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C8-C10	mg/kg	1	14000	LQM/CIEH S4ULs 2015	40	2	9.00	0	<1	<1	<1	<1	<1	<1
Ali >C10-C12	mg/kg	1	21000	LQM/CIEH S4ULs 2015	40	3	17.00	0	<1	<1	<1	<1	<1	<1
Ali >C12-C16	mg/kg	1	25000	LQM/CIEH S4ULs 2015	40	5	15.00	0	<1	<1	<1	<1	<1	2
Ali >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	7	20.00	0	<1	1	<1	<1	<1	7
Ali >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	13	45.00	0	<1	5	4	<1	4	45
Total Aliphatics	mg/kg	1	NV	-	40	13	77.00	0	<1	6	4	<1	4	54

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Client Sample ID	HDP105	HDP107	HDP108	HDP109	HDP110	HDP111
Depth to Top	0.2	0.2	0.5	1	0.5	0.5
Depth to Bottom						
Date Sampled	16-Sep-21	17-Sep-21	17-Sep-21	17-Sep-21	16-Sep-21	23-Sep-21
Sample Type	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	BD	MG	MG	ALL	MG	MG
Aro >C5-C7	mg/kg	0.01	76000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C7-C8	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C8-C10	mg/kg	1	7200	LQM/CIEH S4ULs 2015	40	6	17.00	0	<1	<1	<1	<1	1	2
Aro >C10-C12	mg/kg	1	9200	LQM/CIEH S4ULs 2015	40	5	14.00	0	<1	<1	1	<1	<1	4
Aro >C12-C16	mg/kg	1	10000	LQM/CIEH S4ULs 2015	40	11	13.00	0	<1	2	3	<1	1	13
Aro >C16-C21	mg/kg	1	7600	LQM/CIEH S4ULs 2015	40	12	65.00	0	<1	3	7	<1	6	65
Aro >C21-C35	mg/kg	1	7800	LQM/CIEH S4ULs 2015	40	14	312.00	0	<1	19	30	<1	37	312
Total Aromatics	mg/kg	1	NV	-	40	14	395.00	0	<1	24	41	<1	46	395
TPH (Ali & Aro >C5-C35)	mg/kg	1	NV	-	40	14	449.00	0	<1	31	45	<1	50	449
BTEX - Benzene	mg/kg	0.01	90 / 190	LQM/CIEH S4ULs 2015 / Defra C4SL 12/2014	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	mg/kg	0.01	87000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - o Xylene	mg/kg	0.01	17000	LQM/CIEH S4ULs 2015	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MTBE	mg/kg	0.01	NV	-	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
SVOC + TICs (excluding PAH-16)					0	0		0						
4-Bromophenyl phenyl ether	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Hexachlorobenzene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Diethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Dimethyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Dibenzofuran	µg/kg	100	NV	-	9	1	154.00	0		<100	<100		<100	<100
Carbazole	µg/kg	100	NV	-	9	1	330.00	0		<100	<100		<100	330
Butylbenzyl phthalate	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Bis(2-ethylhexyl)phthalate	µg/kg	500	All <LOD	-	9	0	<500	0		<500	<500		<500	<500
Bis(2-chloroethoxy)methane	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Bis(2-chloroethyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
4-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
3+4-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
4-Chloro-3-methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2-Nitrophenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2-Methylphenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2-Chlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2,6-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2,4-Dinitrotoluene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2,4-Dimethylphenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2,4-Dichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2,4,6-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2,4,5-Trichlorophenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2-Chloronaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
2-Methylnaphthalene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Bis(2-chloroisopropyl)ether	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Phenol	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Pentachlorophenol (SVOC)	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
n-Nitroso-n-dipropylamine	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
n-Dioctylphthalate	µg/kg	500	All <LOD	-	9	0	<500	0		<500	<500		<500	<500
n-Dibutylphthalate	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Nitrobenzene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Isophorone	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Hexachloroethane	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Hexachlorocyclopentadiene	µg/kg	100	All <LOD	-	9	0	<100	0		<100	<100		<100	<100
Perylene	µg/kg	100	1400000	LQM/CIEH S4ULs 2015 for Dibenz(a,h)anthracene	9	4	1360.00	0		<100	195		222	1360
VOC														
Dichlorodifluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Chloromethane	µg/kg	10	All <LOD	-	12	0	<10	0		<10	<10		<10	<10
Vinyl Chloride (Chloroethene)	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Bromomethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Chloroethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Trichlorofluoromethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1

NV - No EC Value available

NR - Not relevant for Human Health Assessment

Exceedance

MG

Made Ground

BD

Beach Deposits

ALL

Alluvium

CHALK

Chalk (Bedrock)

Client Sample ID

HDTP105

Depth to Top

0.2

Depth to Bottom

Date Sampled

16-Sep-21

Sample Type

Solid

HDTP107

0.2

HDTP108

0.5

HDTP109

1

HDTP110

0.5

HDTP111

0.5

17-Sep-21

17-Sep-21

17-Sep-21

16-Sep-21

23-Sep-21

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Soil - ES

Determinand	Units	Limit of Detection	Screening Value	Screening Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	BD	MG	MG	ALL	MG	MG
Carbon Disulphide	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Dichloromethane	µg/kg	5	All <LOD	-	12	0	<5	0		<5	<5		<5	<5
trans 1,2-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1-Dichloroethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
cis 1,2-Dichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
2,2-Dichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Bromochloromethane	µg/kg	5	All <LOD	-	12	0	<5	0		<5	<5		<5	<5
Chloroform	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1,1-Trichloroethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1-Dichloropropene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Carbon Tetrachloride	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,2-Dichloroethane	µg/kg	2	All <LOD	-	12	0	<2	0		<2	<2		<2	<2
Benzene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Trichloroethene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,2-Dichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Dibromomethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Bromodichloromethane	µg/kg	10	All <LOD	-	12	0	<10	0		<10	<10		<10	<10
cis 1,3-Dichloropropene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Toluene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
trans 1,3-Dichloropropene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1,2-Trichloroethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,3-Dichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Tetrachloroethene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Dibromochloromethane	µg/kg	3	All <LOD	-	12	0	<3	0		<3	<3		<3	<3
1,2-Dibromoethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Chlorobenzene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1,1,2-Tetrachloroethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Ethylbenzene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
m & p Xylene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
o-Xylene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Styrene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Bromoform	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Isopropylbenzene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,1,2,2-Tetrachloroethane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
1,2,3-Trichloropropane	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1
Bromobenzene	µg/kg	1	All <LOD	-	12	0	<1	0		<1	<1		<1	<1

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Client Sample ID	HDTP105	HDTP107	HDTP108	HDTP109	HDTP110	HDTP111
Depth to Top	0.2	0.2	0.5	1	0.5	0.5
Depth to Bottom						
Date Sampled	16-Sep-21	17-Sep-21	17-Sep-21	17-Sep-21	16-Sep-21	23-Sep-21
Sample Type	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES
Number of exceedances greater than Soil Screening Value	BD	MG	MG	ALL	MG	MG
n-Propylbenzene		<1	<1		<1	<1
2-Chlorotoluene		<1	<1		<1	<1
1,3,5-Trimethylbenzene		<1	<1		<1	<1
4-Chlorotoluene		<1	<1		<1	<1
tert-Butylbenzene		<2	<2		<2	<2
1,2,4-Trimethylbenzene		<1	<1		<1	<1
sec-Butylbenzene		<1	<1		<1	<1
4-Isopropyltoluene		<1	<1		<1	<1
1,3-Dichlorobenzene		<1	<1		<1	<1
1,4-Dichlorobenzene		<1	<1		<1	<1
n-Butylbenzene		<1	<1		<1	<1
1,2-Dichlorobenzene		<1	<1		<1	<1
1,2-Dibromo-3-chloropropane (DCBP)		<2	<2		<2	<2
1,2,4-Trichlorobenzene		<3	<3		<3	<3
Hexachlorobutadiene		<1	<1		<1	<1
1,2,3-Trichlorobenzene		<3	<3		<3	<3
Speciated PCB-EC7 & WHO12						
PCB BZ 28						
PCB BZ 52						
PCB BZ 81						
PCB BZ 101						
PCB BZ 105						
PCB BZ 114						
PCB BZ 118						
PCB BZ 123						
PCB BZ 126						
PCB BZ 138						
PCB BZ 153						
PCB BZ 156						
PCB BZ 157						
PCB BZ 167						
PCB BZ 169						
PCB BZ 180						
PCB BZ 189						
PCB BZ 77						
Total Speciated PCB-EC7 & WHO12						
Combined compounds						
>C16-C35 Aliphatics	9	32	ND	43	ND	ND
1,2-Dichloroethene	-	-	-	ND	ND	-
Benzo(a)pyrene (surrogate marker for PAH mixture)]	0.33	1.48		1.89	<0.04	<0.04
PAHs (benzo(b)fluoranthene & benzo(k)fluoranthene)	0.57	2.11	ND	2.96	ND	ND
Benzo(g,h,i)perylene + Indeno(1,2,3-cd)pyrene	0.34	1.59	ND	1.87	ND	ND
PAHs (sum of 4)	0.91	3.7	ND	4.83	ND	ND
Sum of PCE and TCE	-	-	-	ND	ND	-
Trichlorobenzene (total)	-	-	-	ND	ND	-
Trihalomethanes	-	-	-	ND	ND	-
Xylene Total	ND	ND	ND	ND	ND	ND

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NR - Not relevant for Human Health Assessment

Exceedance

MG Made Ground
BD Beach Deposits
ALL Alluvium
CHALK Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NV - No EC Value available NR - Not relevant for Human Health Assessment						Exceedance		MG	Made Ground	Client Sample ID	BH101	BH101	BH101	BH102	BH102	BH102	BH103	BH103	BH103	BH104
								BD	Beach Deposits	Depth to Top	0.2	0.4	2.7	0.2	0.5	1.8	0.1	0.5	2.6	0.2
								ALL	Alluvium	Depth to Bottom	0.4	0.8	3.1			2.2	0.2		3	0.4
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health								CHALK	Chalk (Bedrock)	Date Sampled	24-Sep-21	24-Sep-21	24-Sep-21	29-Sep-21	29-Sep-21	29-Sep-21	30-Sep-21	30-Sep-21	30-Sep-21	22-Sep-21
										Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil	Solid
Determinand	Units	AECOM derived Construction Worker GAC - chronic exposure	Source	SoBRA Construction Worker GAC - acute exposure	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	CHALK	MG	ALL	CHALK	MG	ALL	CHALK	MG	
Cyanide (free)	mg/kg			1400	SoBRA 2020	11	0	<1	0	<1				<1						
Arsenic	mg/kg	117	AECOM derived GAC	7000	SoBRA 2020	40	27	14.00	0	3	<1	<1		3	<1		4	1	6	
Barium	mg/kg	4086	AECOM derived GAC			40	40	123.00	0	62	86	32		33	28		41	48	33	
Beryllium	mg/kg	20.7	AECOM derived GAC			40	22	1.20	0	0.9	0.5	<0.5		0.9	0.6		<0.5	0.7	<0.5	
Boron (water soluble)	mg/kg	47202	AECOM derived GAC			40	32	21.50	0	<1.0	<1.0	<1.0		5	3		2.8	3.2	1.8	
Cadmium	mg/kg	139	AECOM derived GAC	1200	SoBRA 2020	40	26	1.20	0	1.1	<0.5	<0.5		1	0.7		<0.5	0.8	0.7	
Copper	mg/kg	31202	AECOM derived GAC			40	39	51.00	0	21	11	7		11	7		33	10	11	
Chromium (hexavalent)	mg/kg	79.5	AECOM derived GAC			38	0	<1	0	<1	<1	<1		<1	<1		<1	<1	<1	
Lead	mg/kg	429	AECOM derived GAC			40	40	782.00	2	136	21	5		20	11		267	9	24	
Mercury	mg/kg	219	AECOM derived GAC			40	28	3.68	0	<0.17	0.31	1.87		1.28	2.86		1.81	2.36	0.56	
Nickel	mg/kg	1591	AECOM derived GAC			40	39	72.00	0	18	21	11		25	14		6	19	47	
Selenium	mg/kg	2443	AECOM derived GAC			40	0	<1	0	<1	<1	<1		<1	<1		<1	<1	<1	
Vanadium	mg/kg	3977	AECOM derived GAC			40	40	48.00	0	37	31	17		37	20		12	24	27	
Zinc	mg/kg	152760	AECOM derived GAC			40	39	211.00	0	49	36	27		46	30		33	37	31	
PAH-16MS									0											
Acenaphthene	mg/kg	20013	AECOM derived GAC			40	6	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	0.02	
Acenaphthylene	mg/kg	20010	AECOM derived GAC			40	7	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	0.08	
Anthracene	mg/kg	100406	AECOM derived GAC			40	9	0.61	0	<0.02	<0.02	<0.02		0.02	<0.02		<0.02	<0.02	0.18	
Benzo(a)anthracene	mg/kg	46.3	AECOM derived GAC			40	12	1.90	0	0.08	<0.04	<0.04		0.13	0.1		<0.04	<0.04	1.28	
Benzo(a)pyrene	mg/kg	14.1	AECOM derived GAC			40	13	1.89	0	0.1	<0.04	<0.04		0.15	0.15		<0.04	<0.04	1.48	
Benzo(b)fluoranthene	mg/kg	11.8	AECOM derived GAC			40	12	2.12	0	0.09	<0.05	<0.05		0.11	0.12		<0.05	<0.05	1.5	
Benzo(ghi)perylene	mg/kg	1060	AECOM derived GAC			40	9	0.84	0	<0.05	<0.05	<0.05		<0.05	0.06		<0.05	<0.05	0.74	
Benzo(k)fluoranthene	mg/kg	313	AECOM derived GAC			40	9	0.84	0	<0.07	<0.07	<0.07		0.1	<0.07		<0.07	<0.07	0.61	
Chrysene	mg/kg	91.9	AECOM derived GAC			40	12	1.76	0	0.12	<0.06	<0.06		0.15	0.11		<0.06	<0.06	1.15	
Dibenzo(ah)anthracene	mg/kg	0.946	AECOM derived GAC			40	4	<0.04	0	<0.04	<0.04	<0.04		<0.04	<0.04		<0.04	<0.04	0.18	
Fluoranthene	mg/kg	4188	AECOM derived GAC			40	12	3.93	0	0.18	<0.08	<0.08		0.29	0.17		<0.08	<0.08	1.8	
Fluorene	mg/kg	13362	AECOM derived GAC			40	6	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	0.03	
Indeno(123-cd)pyrene	mg/kg	133	AECOM derived GAC			40	12	1.03	0	0.06	<0.03	<0.03		0.06	0.07		<0.03	<0.03	0.85	
Naphthalene	mg/kg	6687	AECOM derived GAC			40	1	<0.03	0	<0.03	<0.03	<0.03		<0.03	<0.03		<0.03	<0.03	<0.03	
Phenanthrene	mg/kg	4178	AECOM derived GAC			40	12	2.02	0	0.06	<0.03	<0.03		0.09	0.06		<0.03	<0.03	0.41	
Pyrene	mg/kg	10052	AECOM derived GAC			40	12	3.55	0	0.15	<0.07	<0.07		0.26	0.16		<0.07	<0.07	1.85	
Total PAH-16MS	mg/kg					40	12	21.40	0	0.84	<0.08	<0.08		1.36	1		<0.08	<0.08	12.2	
TPH CWG									0											
Ali >C5-C6	mg/kg	420410	AECOM derived GAC			40	1	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
Ali >C6-C8	mg/kg	603497	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
Ali >C8-C10	mg/kg	16835	AECOM derived GAC			40	2	9.00	0	<1	<1	<1		<1	<1		<1	<1	<1	
Ali >C10-C12	mg/kg	17225	AECOM derived GAC			40	3	17.00	0	<1	<1	<1		<1	<1		<1	<1	2	
Ali >C12-C16	mg/kg	17415	AECOM derived GAC			40	5	15.00	0	<1	<1	<1		<1	<1		<1	<1	5	
Ali >C16-C21	mg/kg					40	7	20.00	0	<1	<1	<1		<1	<1		<1	<1	5	
Ali >C21-C35	mg/kg					40	13	45.00	0	1	<1	<1		<1	<1		<1	<1	27	
Total Aliphatics	mg/kg					40	13	77.00	0	1	<1	<1		<1	<1		<1	<1	40	
Aro >C5-C7	mg/kg	73285	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
Aro >C7-C8	mg/kg	75283	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
Aro >C8-C10	mg/kg	6832	AECOM derived GAC			40	6	17.00	0	<1	<1	<1		<1	<1		<1	<1	1	
Aro >C10-C12	mg/kg	6933	AECOM derived GAC			40	5	14.00	0	<1	<1	<1		<1	<1		<1	<1	1	
Aro >C12-C16	mg/kg	6983	AECOM derived GAC			40	11	13.00	0	<1	<1	<1		<1	<1		<1	<1	5	
Aro >C16-C21	mg/kg	5233	AECOM derived GAC			40	12	65.00	0	<1	<1	<1		<1	<1		<1	<1	12	
Aro >C21-C35	mg/kg	5246	AECOM derived GAC			40	14	312.00	0	2	<1	<1		<1	<1		<1	<1	73	
Total Aromatics	mg/kg					40	14	395.00	0	2	<1	<1		<1	<1		<1	<1	93	
TPH (Ali & Aro >C5-C35)	mg/kg					40	14	449.00	0	3	<1	<1		<1	<1		<1	<1	133	
BTEX - Benzene	mg/kg	171	AECOM derived GAC	370	SoBRA 2020	40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
BTEX - Toluene	mg/kg	75293	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
BTEX - Ethyl Benzene	mg/kg	28627	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
BTEX - m & p Xylene	mg/kg					40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
BTEX - o Xylene	mg/kg					40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
MTBE	mg/kg					40	0	<0.01	0	<0.01	<0.01	<0.01		<0.01	<0.01		<0.01	<0.01	<0.01	
Phenol	µg/kg	6912000	AECOM derived GAC	175000000	SoBRA 2020	9	0	<100	0	<100										
Vinyl Chloride (Chloroethene)	µg/kg			220000	SoBRA 2020	12	0	<1	0	<1										
Trichloroethene	µg/kg			33000000	SoBRA 2020	12	0	<1	0	<1										

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NR - Not relevant for Human Health Assessment

Exceedance

MG Made Ground
BD Beach Deposits
ALL Alluvium
CHALK Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

NR - Not relevant for Human Health Assessment						Exceedance		MG BD ALL CHALK		Made Ground Beach Deposits Alluvium Chalk (Bedrock)		Client Sample ID		BH104	BH104	BH104	BH104	BH105	BH105	BH105	BH105	BH106	BH106
												Depth to Top		0.5	1	2.8	4.9	0.2	0.4	1	6.2	0.2	1.5
												Depth to Bottom		0.8	1.3		5						1.7
												Date Sampled		22-Sep-21	22-Sep-21	22-Sep-21	22-Sep-21	20-Sep-21	20-Sep-21	20-Sep-21	21-Sep-21	28-Sep-21	28-Sep-21
												Sample Type		Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Solid	Soil - ES
Determinand	Units	AECOM derived Construction Worker GAC - chronic exposure	Source	SoBRA Construction Worker GAC - acute exposure	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	ALL	CHALK	MG	MG	ALL	CHALK	BD	CHALK				
Cyanide (free)	mg/kg			1400	SoBRA 2020	11	0	<1	0		<1	<1			<1				<1				
Arsenic	mg/kg	117	AECOM derived GAC	7000	SoBRA 2020	40	27	14.00	0		2	3	<1		2	3	<1	7	<1				
Barium	mg/kg	4086	AECOM derived GAC			40	40	123.00	0		76	53	25		69	73	24	10	36				
Beryllium	mg/kg	20.7	AECOM derived GAC			40	22	1.20	0		0.6	0.7	<0.5		1.1	0.9	<0.5	<0.5	<0.5				
Boron (water soluble)	mg/kg	47202	AECOM derived GAC			40	32	21.50	0		1.1	3.2	2.9		2.9	2.8	<1.0	3.4	2.7				
Cadmium	mg/kg	139	AECOM derived GAC	1200	SoBRA 2020	40	26	1.20	0		0.5	0.8	<0.5		1.1	1	<0.5	<0.5	0.6				
Copper	mg/kg	31202	AECOM derived GAC			40	39	51.00	0		11	7	4		24	19	5	4	5				
Chromium (hexavalent)	mg/kg	79.5	AECOM derived GAC			38	0	<1	0		<1	<1	<1		<1	<1	<1						
Lead	mg/kg	429	AECOM derived GAC			40	40	782.00	2		29	6	4		19	14	5	9	5				
Mercury	mg/kg	219	AECOM derived GAC			40	28	3.68	0		1.99	3.28	3.14		<0.17	<0.17	3.68	0.25	2.02				
Nickel	mg/kg	1591	AECOM derived GAC			40	39	72.00	0		14	21	8		26	29	11	21	11				
Selenium	mg/kg	2443	AECOM derived GAC			40	0	<1	0		<1	<1	<1		<1	<1	<1	<1	<1				
Vanadium	mg/kg	3977	AECOM derived GAC			40	40	48.00	0		26	24	12		46	35	13	10	17				
Zinc	mg/kg	152760	AECOM derived GAC			40	39	211.00	0		40	31	16		57	50	20	19	23				
PAH-16MS									0														
Acenaphthene	mg/kg	20013	AECOM derived GAC			40	6	<0.01	0		0.23	<0.01	<0.01		<0.01	<0.01	<0.01	0.01	<0.01				
Acenaphthylene	mg/kg	20010	AECOM derived GAC			40	7	<0.01	0		0.11	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
Anthracene	mg/kg	100406	AECOM derived GAC			40	9	0.61	0		0.61	<0.02	<0.02		<0.02	<0.02	<0.02	0.16	<0.02				
Benzo(a)anthracene	mg/kg	46.3	AECOM derived GAC			40	12	1.90	0		1.9	<0.04	<0.04		<0.04	<0.04	<0.04	0.48	<0.04				
Benzo(a)pyrene	mg/kg	14.1	AECOM derived GAC			40	13	1.89	0		1.89	<0.04	<0.04		<0.04	<0.04	<0.04	0.36	<0.04				
Benzo(b)fluoranthene	mg/kg	11.8	AECOM derived GAC			40	12	2.12	0		2.12	<0.05	<0.05		<0.05	<0.05	<0.05	0.36	<0.05				
Benzo(ghi)perylene	mg/kg	1060	AECOM derived GAC			40	9	0.84	0		0.84	<0.05	<0.05		<0.05	<0.05	<0.05	0.12	<0.05				
Benzo(k)fluoranthene	mg/kg	313	AECOM derived GAC			40	9	0.84	0		0.84	<0.07	<0.07		<0.07	<0.07	<0.07	0.19	<0.07				
Chrysene	mg/kg	91.9	AECOM derived GAC			40	12	1.76	0		1.76	<0.06	<0.06		<0.06	<0.06	<0.06	0.4	<0.06				
Dibenzo(ah)anthracene	mg/kg	0.946	AECOM derived GAC			40	4	<0.04	0		0.23	<0.04	<0.04		<0.04	<0.04	<0.04	<0.04	<0.04				
Fluoranthene	mg/kg	4188	AECOM derived GAC			40	12	3.93	0		3.93	<0.08	<0.08		<0.08	<0.08	<0.08	1.14	<0.08				
Fluorene	mg/kg	13362	AECOM derived GAC			40	6	<0.01	0		0.27	<0.01	<0.01		<0.01	<0.01	<0.01	0.02	<0.01				
Indeno(123-cd)pyrene	mg/kg	133	AECOM derived GAC			40	12	1.03	0		1.03	<0.03	<0.03		<0.03	<0.03	<0.03	0.16	<0.03				
Naphthalene	mg/kg	6687	AECOM derived GAC			40	1	<0.03	0		0.04	<0.03	<0.03		<0.03	<0.03	<0.03	<0.03	<0.03				
Phenanthrene	mg/kg	4178	AECOM derived GAC			40	12	2.02	0		2.02	<0.03	<0.03		<0.03	<0.03	<0.03	0.42	<0.03				
Pyrene	mg/kg	10052	AECOM derived GAC			40	12	3.55	0		3.55	<0.07	<0.07		<0.07	<0.07	<0.07	0.89	<0.07				
Total PAH-16MS	mg/kg					40	12	21.40	0		21.4	<0.08	<0.08		<0.08	<0.08	<0.08	4.71	<0.08				
TPH CWG									0														
Ali >C5-C6	mg/kg	420410	AECOM derived GAC			40	1	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	0.01	<0.01				
Ali >C6-C8	mg/kg	603497	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
Ali >C8-C10	mg/kg	16835	AECOM derived GAC			40	2	9.00	0		9	<1	<1		<1	<1	<1	<1	<1				
Ali >C10-C12	mg/kg	17225	AECOM derived GAC			40	3	17.00	0		10	<1	<1		<1	<1	<1	<1	<1				
Ali >C12-C16	mg/kg	17415	AECOM derived GAC			40	5	15.00	0		15	<1	<1		<1	<1	<1	1	<1				
Ali >C16-C21	mg/kg					40	7	20.00	0		20	<1	<1		<1	<1	<1	7	<1				
Ali >C21-C35	mg/kg					40	13	45.00	0		23	<1	<1		<1	<1	<1	12	<1				
Total Aliphatics	mg/kg					40	13	77.00	0		77	<1	<1		<1	<1	<1	20	<1				
Aro >C5-C7	mg/kg	73285	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
Aro >C7-C8	mg/kg	75283	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
Aro >C8-C10	mg/kg	6832	AECOM derived GAC			40	6	17.00	0		17	<1	<1		<1	<1	<1	<1	<1				
Aro >C10-C12	mg/kg	6933	AECOM derived GAC			40	5	14.00	0		14	<1	<1		<1	<1	<1	<1	<1				
Aro >C12-C16	mg/kg	6983	AECOM derived GAC			40	11	13.00	0		9	<1	<1		<1	<1	<1	2	<1				
Aro >C16-C21	mg/kg	5233	AECOM derived GAC			40	12	65.00	0		30	<1	<1		<1	<1	<1	6	<1				
Aro >C21-C35	mg/kg	5246	AECOM derived GAC			40	14	312.00	0		70	<1	<1		<1	<1	<1	30	<1				
Total Aromatics	mg/kg					40	14	395.00	0		140	<1	<1		<1	<1	<1	38	<1				
TPH (Ali & Aro >C5-C35)	mg/kg					40	14	449.00	0		217	<1	<1		<1	<1	<1	58	<1				
BTEX - Benzene	mg/kg	171	AECOM derived GAC	370	SoBRA 2020	40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
BTEX - Toluene	mg/kg	75293	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
BTEX - Ethyl Benzene	mg/kg	28627	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
BTEX - m & p Xylene	mg/kg					40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
BTEX - o Xylene	mg/kg					40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
MTBE	mg/kg					40	0	<0.01	0		<0.01	<0.01	<0.01		<0.01	<0.01	<0.01	<0.01	<0.01				
Phenol	µg/kg	6912000	AECOM derived GAC	175000000	SoBRA 2020	9	0	<100	0		<100	<100			<100								
Vinyl Chloride (Chloroethene)	µg/kg			220000	SoBRA 2020	12	0	<1	0		<1	<1			<1								
Trichloroethene	µg/kg			33000000	SoBRA 2020	12	0	<1	0		<1	<1			<1								

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Determinand	Units	AECOM derived Construction Worker GAC - chronic exposure	Source	SoBRA Construction Worker GAC - acute exposure	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	DS101	DS101	DS101	DS102	DS103	DS104	DS105	DS105	DS105	DS106
										0.2	0.5	1.7	1	0.55	0.5	0.2	1.4	3.3	0.5
										27-Sep-21	27-Sep-21	27-Sep-21	24-Sep-21	23-Sep-21	21-Sep-21	22-Sep-21	22-Sep-21	22-Sep-21	20-Sep-21
										Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES
										MG	MG	ALL	ALL	ALL	ALL	MG	ALL	CHALK	MG
Cyanide (free)	mg/kg			1400	SoBRA 2020	11	0	<1	0										
Arsenic	mg/kg	117	AECOM derived GAC	7000	SoBRA 2020	40	27	14.00	0		4	<1	<1	4	<1		7	<1	2
Barium	mg/kg	4086	AECOM derived GAC			40	40	123.00	0		120	55	29	31	61		71	23	39
Beryllium	mg/kg	20.7	AECOM derived GAC			40	22	1.20	0		<0.5	<0.5	0.6	<0.5	0.6		0.8	<0.5	<0.5
Boron (water soluble)	mg/kg	47202	AECOM derived GAC			40	32	21.50	0		4.9	3.3	21.5	6.8	<1.0		<1.0	<1.0	1.6
Cadmium	mg/kg	139	AECOM derived GAC	1200	SoBRA 2020	40	26	1.20	0		<0.5	<0.5	<0.5	<0.5	0.7		1.1	<0.5	0.7
Copper	mg/kg	31202	AECOM derived GAC			40	39	51.00	0		22	9	10	12	23		14	4	12
Chromium (hexavalent)	mg/kg	79.5	AECOM derived GAC			38	0	<1	0		<1	<1	<1	<1	<1		<1	<1	<1
Lead	mg/kg	429	AECOM derived GAC			40	40	782.00	2		782	15	17	39	35		14	3	54
Mercury	mg/kg	219	AECOM derived GAC			40	28	3.68	0		0.26	1.84	<0.17	0.41	0.53		<0.17	3.58	<0.17
Nickel	mg/kg	1591	AECOM derived GAC			40	39	72.00	0		21	12	17	15	34		31	21	14
Selenium	mg/kg	2443	AECOM derived GAC			40	0	<1	0		<1	<1	<1	<1	<1		<1	<1	<1
Vanadium	mg/kg	3977	AECOM derived GAC			40	40	48.00	0		17	27	42	27	19		41	13	26
Zinc	mg/kg	152760	AECOM derived GAC			40	39	211.00	0		176	31	44	42	47		41	19	34
PAH-16MS									0										
Acenaphthene	mg/kg	20013	AECOM derived GAC			40	6	<0.01	0		0.04	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Acenaphthylene	mg/kg	20010	AECOM derived GAC			40	7	<0.01	0		0.04	<0.01	<0.01	<0.01	0.02		<0.01	<0.01	<0.01
Anthracene	mg/kg	100406	AECOM derived GAC			40	9	0.61	0		0.25	<0.02	<0.02	<0.02	0.04		<0.02	<0.02	<0.02
Benzo(a)anthracene	mg/kg	46.3	AECOM derived GAC			40	12	1.90	0		1.18	<0.04	<0.04	<0.04	0.25		<0.04	<0.04	<0.04
Benzo(a)pyrene	mg/kg	14.1	AECOM derived GAC			40	13	1.89	0		1.23	<0.04	<0.04	<0.04	0.33		<0.04	<0.04	<0.04
Benzo(b)fluoranthene	mg/kg	11.8	AECOM derived GAC			40	12	2.12	0		1.39	<0.05	<0.05	<0.05	0.41		<0.05	<0.05	<0.05
Benzo(ghi)perylene	mg/kg	1060	AECOM derived GAC			40	9	0.84	0		0.59	<0.05	<0.05	<0.05	0.16		<0.05	<0.05	<0.05
Benzo(k)fluoranthene	mg/kg	313	AECOM derived GAC			40	9	0.84	0		0.55	<0.07	<0.07	<0.07	0.16		<0.07	<0.07	<0.07
Chrysene	mg/kg	91.9	AECOM derived GAC			40	12	1.76	0		1.28	<0.06	<0.06	<0.06	0.35		<0.06	<0.06	<0.06
Dibenzo(ah)anthracene	mg/kg	0.946	AECOM derived GAC			40	4	<0.04	0		0.14	<0.04	<0.04	<0.04	<0.04		<0.04	<0.04	<0.04
Fluoranthene	mg/kg	4188	AECOM derived GAC			40	12	3.93	0		2.17	<0.08	<0.08	<0.08	0.4		<0.08	<0.08	<0.08
Fluorene	mg/kg	13362	AECOM derived GAC			40	6	<0.01	0		0.05	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Indeno(123-cd)pyrene	mg/kg	133	AECOM derived GAC			40	12	1.03	0		0.74	<0.03	<0.03	<0.03	0.18		<0.03	<0.03	<0.03
Naphthalene	mg/kg	6687	AECOM derived GAC			40	1	<0.03	0		<0.03	<0.03	<0.03	<0.03	<0.03		<0.03	<0.03	<0.03
Phenanthrene	mg/kg	4178	AECOM derived GAC			40	12	2.02	0		0.68	<0.03	<0.03	<0.03	0.12		<0.03	<0.03	<0.03
Pyrene	mg/kg	10052	AECOM derived GAC			40	12	3.55	0		1.77	<0.07	<0.07	<0.07	0.37		<0.07	<0.07	<0.07
Total PAH-16MS	mg/kg					40	12	21.40	0		12.1	<0.08	<0.08	<0.08	2.79		<0.08	<0.08	<0.08
TPH CWG									0										
Ali >C5-C6	mg/kg	420410	AECOM derived GAC			40	1	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Ali >C6-C8	mg/kg	603497	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Ali >C8-C10	mg/kg	16835	AECOM derived GAC			40	2	9.00	0		<1	<1	<1	<1	<1		6	<1	<1
Ali >C10-C12	mg/kg	17225	AECOM derived GAC			40	3	17.00	0		<1	<1	<1	<1	<1		17	<1	<1
Ali >C12-C16	mg/kg	17415	AECOM derived GAC			40	5	15.00	0		2	<1	<1	<1	<1		<1	<1	<1
Ali >C16-C21	mg/kg					40	7	20.00	0		8	<1	<1	<1	<1		1	<1	<1
Ali >C21-C35	mg/kg					40	13	45.00	0		27	<1	<1	<1	9		17	<1	<1
Total Aliphatics	mg/kg					40	13	77.00	0		36	<1	<1	<1	9		42	<1	<1
Aro >C5-C7	mg/kg	73285	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Aro >C7-C8	mg/kg	75283	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Aro >C8-C10	mg/kg	6832	AECOM derived GAC			40	6	17.00	0		<1	<1	<1	<1	1		2	<1	<1
Aro >C10-C12	mg/kg	6933	AECOM derived GAC			40	5	14.00	0		<1	<1	<1	<1	<1		8	<1	<1
Aro >C12-C16	mg/kg	6983	AECOM derived GAC			40	11	13.00	0		3	<1	<1	<1	2		2	<1	<1
Aro >C16-C21	mg/kg	5233	AECOM derived GAC			40	12	65.00	0		15	<1	<1	<1	4		3	<1	<1
Aro >C21-C35	mg/kg	5246	AECOM derived GAC			40	14	312.00	0		86	1	<1	<1	22		3	<1	<1
Total Aromatics	mg/kg					40	14	395.00	0		104	1	<1	<1	29		20	<1	<1
TPH (Ali & Aro >C5-C35)	mg/kg					40	14	449.00	0		140	1	<1	<1	38		62	<1	<1
BTEX - Benzene	mg/kg	171	AECOM derived GAC	370	SoBRA 2020	40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
BTEX - Toluene	mg/kg	75293	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	mg/kg	28627	AECOM derived GAC			40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
BTEX - m & p Xylene	mg/kg					40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
BTEX - o Xylene	mg/kg					40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
MTBE	mg/kg					40	0	<0.01	0		<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	<0.01
Phenol	µg/kg	6912000	AECOM derived GAC	175000000	SoBRA 2020	9	0	<100	0										
Vinyl Chloride (Chloroethene)	µg/kg			220000	SoBRA 2020	12	0	<1	0								<1		
Trichloroethene	µg/kg			33000000	SoBRA 2020	12	0	<1	0								<1		

NV - No EC Value available
NR - Not relevant for Human Health Assessment



Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Client Sample ID	DS106	DS107	DS109	DS109	HDTP103	HDTP104	HDTP105	HDTP107	HDTP108	HDTP109
Depth to Top	1	0.5	0.6	1	0.2	0.2	0.2	0.2	0.5	1
Depth to Bottom										
Date Sampled	20-Sep-21	21-Sep-21	29-Sep-21	29-Sep-21	16-Sep-21	16-Sep-21	16-Sep-21	17-Sep-21	17-Sep-21	17-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES	Solid	Soil - ES	Soil - ES	Soil - ES
	ALL	MG	MG	MG	BD	BD	BD	MG	MG	ALL
Determinand	Units	AECOM derived Construction Worker GAC - chronic exposure	Source	SoBRA Construction Worker GAC - acute exposure	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	
Cyanide (free)	mg/kg			1400	SoBRA 2020	11	0	<1	0	
Arsenic	mg/kg	117	AECOM derived GAC	7000	SoBRA 2020	40	27	14.00	0	
Barium	mg/kg	4086	AECOM derived GAC			40	40	123.00	0	
Beryllium	mg/kg	20.7	AECOM derived GAC			40	22	1.20	0	
Boron (water soluble)	mg/kg	47202	AECOM derived GAC			40	32	21.50	0	
Cadmium	mg/kg	139	AECOM derived GAC	1200	SoBRA 2020	40	26	1.20	0	
Copper	mg/kg	31202	AECOM derived GAC			40	39	51.00	0	
Chromium (hexavalent)	mg/kg	79.5	AECOM derived GAC			38	0	<1	0	
Lead	mg/kg	429	AECOM derived GAC			40	40	782.00	2	
Mercury	mg/kg	219	AECOM derived GAC			40	28	3.68	0	
Nickel	mg/kg	1591	AECOM derived GAC			40	39	72.00	0	
Selenium	mg/kg	2443	AECOM derived GAC			40	0	<1	0	
Vanadium	mg/kg	3977	AECOM derived GAC			40	40	48.00	0	
Zinc	mg/kg	152760	AECOM derived GAC			40	39	211.00	0	
PAH-16MS									0	
Acenaphthene	mg/kg	20013	AECOM derived GAC			40	6	<0.01	0	
Acenaphthylene	mg/kg	20010	AECOM derived GAC			40	7	<0.01	0	
Anthracene	mg/kg	100406	AECOM derived GAC			40	9	0.61	0	
Benzo(a)anthracene	mg/kg	46.3	AECOM derived GAC			40	12	1.90	0	
Benzo(a)pyrene	mg/kg	14.1	AECOM derived GAC			40	13	1.89	0	
Benzo(b)fluoranthene	mg/kg	11.8	AECOM derived GAC			40	12	2.12	0	
Benzo(ghi)perylene	mg/kg	1060	AECOM derived GAC			40	9	0.84	0	
Benzo(k)fluoranthene	mg/kg	313	AECOM derived GAC			40	9	0.84	0	
Chrysene	mg/kg	91.9	AECOM derived GAC			40	12	1.76	0	
Dibenzo(ah)anthracene	mg/kg	0.946	AECOM derived GAC			40	4	<0.04	0	
Fluoranthene	mg/kg	4188	AECOM derived GAC			40	12	3.93	0	
Fluorene	mg/kg	13362	AECOM derived GAC			40	6	<0.01	0	
Indeno(123-cd)pyrene	mg/kg	133	AECOM derived GAC			40	12	1.03	0	
Naphthalene	mg/kg	6687	AECOM derived GAC			40	1	<0.03	0	
Phenanthrene	mg/kg	4178	AECOM derived GAC			40	12	2.02	0	
Pyrene	mg/kg	10052	AECOM derived GAC			40	12	3.55	0	
Total PAH-16MS	mg/kg					40	12	21.40	0	
TPH CWG									0	
Ali >C5-C6	mg/kg	420410	AECOM derived GAC			40	1	<0.01	0	
Ali >C6-C8	mg/kg	603497	AECOM derived GAC			40	0	<0.01	0	
Ali >C8-C10	mg/kg	16835	AECOM derived GAC			40	2	9.00	0	
Ali >C10-C12	mg/kg	17225	AECOM derived GAC			40	3	17.00	0	
Ali >C12-C16	mg/kg	17415	AECOM derived GAC			40	5	15.00	0	
Ali >C16-C21	mg/kg					40	7	20.00	0	
Ali >C21-C35	mg/kg					40	13	45.00	0	
Total Aliphatics	mg/kg					40	13	77.00	0	
Aro >C5-C7	mg/kg	73285	AECOM derived GAC			40	0	<0.01	0	
Aro >C7-C8	mg/kg	75283	AECOM derived GAC			40	0	<0.01	0	
Aro >C8-C10	mg/kg	6832	AECOM derived GAC			40	6	17.00	0	
Aro >C10-C12	mg/kg	6933	AECOM derived GAC			40	5	14.00	0	
Aro >C12-C16	mg/kg	6983	AECOM derived GAC			40	11	13.00	0	
Aro >C16-C21	mg/kg	5233	AECOM derived GAC			40	12	65.00	0	
Aro >C21-C35	mg/kg	5246	AECOM derived GAC			40	14	312.00	0	
Total Aromatics	mg/kg					40	14	395.00	0	
TPH (Ali & Aro >C5-C35)	mg/kg					40	14	449.00	0	
BTEX - Benzene	mg/kg	171	AECOM derived GAC	370	SoBRA 2020	40	0	<0.01	0	
BTEX - Toluene	mg/kg	75293	AECOM derived GAC			40	0	<0.01	0	
BTEX - Ethyl Benzene	mg/kg	28627	AECOM derived GAC			40	0	<0.01	0	
BTEX - m & p Xylene	mg/kg					40	0	<0.01	0	
BTEX - o Xylene	mg/kg					40	0	<0.01	0	
MTBE	mg/kg					40	0	<0.01	0	
Phenol	µg/kg	6912000	AECOM derived GAC	175000000	SoBRA 2020	9	0	<100	0	
Vinyl Chloride (Chloroethene)	µg/kg			220000	SoBRA 2020	12	0	<1	0	
Trichloroethene	µg/kg			33000000	SoBRA 2020	12	0	<1	0	

NV - No EC Value available
NR - Not relevant for Human Health Assessment

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to human health

Determinand	Units	AECOM derived Construction Worker GAC - chronic exposure	Source	SoBRA Construction Worker GAC - acute exposure	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	Client Sample ID	HOTP110	HOTP111	MDTP101	MDTP102	MDTP103	MDTP103
										Depth to Top	0.5	0.5	0.5	1	0.2	1
Sample Type										Date Sampled	16-Sep-21	23-Sep-21	15-Sep-21	15-Sep-21	15-Sep-21	15-Sep-21
										Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES
										MG	MG	MG	MG	MG	MG	MG
Cyanide (free)	mg/kg			1400	SoBRA 2020	11	0	<1	0	<1	<1					
Arsenic	mg/kg	117	AECOM derived GAC	7000	SoBRA 2020	40	27	14.00	0	4	14	<1	2	4	5	
Barium	mg/kg	4086	AECOM derived GAC			40	40	123.00	0	110	66	5	3	33	43	
Beryllium	mg/kg	20.7	AECOM derived GAC			40	22	1.20	0	0.5	1.2	<0.5	<0.5	0.5	0.7	
Boron (water soluble)	mg/kg	47202	AECOM derived GAC			40	32	21.50	0	3.7	14.3	1.8	1	3.9	4.7	
Cadmium	mg/kg	139	AECOM derived GAC	1200	SoBRA 2020	40	26	1.20	0	0.5	1.2	<0.5	<0.5	0.8	0.8	
Copper	mg/kg	31202	AECOM derived GAC			40	39	51.00	0	18	51	<1	1	14	13	
Chromium (hexavalent)	mg/kg	79.5	AECOM derived GAC			38	0	<1	0	<1	<1	<1	<1	<1	<1	
Lead	mg/kg	429	AECOM derived GAC			40	40	782.00	2	292	91	2	5	12	12	
Mercury	mg/kg	219	AECOM derived GAC			40	28	3.68	0	1.38	2.74	<0.17	<0.17	0.31	<0.17	
Nickel	mg/kg	1591	AECOM derived GAC			40	39	72.00	0	12	24	1	<1	13	19	
Selenium	mg/kg	2443	AECOM derived GAC			40	0	<1	0	<1	<1	<1	<1	<1	<1	
Vanadium	mg/kg	3977	AECOM derived GAC			40	40	48.00	0	20	48	9	5	32	32	
Zinc	mg/kg	152760	AECOM derived GAC			40	39	211.00	0	164	107	6	<5	29	33	
PAH-16MS									0							
Acenaphthene	mg/kg	20013	AECOM derived GAC			40	6	<0.01	0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	
Acenaphthylene	mg/kg	20010	AECOM derived GAC			40	7	<0.01	0	0.01	0.07	<0.01	<0.01	<0.01	<0.01	
Anthracene	mg/kg	100406	AECOM derived GAC			40	9	0.61	0	0.02	0.13	<0.02	<0.02	<0.02	<0.02	
Benzo(a)anthracene	mg/kg	46.3	AECOM derived GAC			40	12	1.90	0	0.2	0.7	<0.04	<0.04	<0.04	<0.04	
Benzo(a)pyrene	mg/kg	14.1	AECOM derived GAC			40	13	1.89	0	0.21	0.59	<0.04	<0.04	<0.04	<0.04	
Benzo(b)fluoranthene	mg/kg	11.8	AECOM derived GAC			40	12	2.12	0	0.23	0.7	<0.05	<0.05	<0.05	<0.05	
Benzo(ghi)perylene	mg/kg	1060	AECOM derived GAC			40	9	0.84	0	0.12	0.33	<0.05	<0.05	<0.05	<0.05	
Benzo(k)fluoranthene	mg/kg	313	AECOM derived GAC			40	9	0.84	0	0.11	0.24	<0.07	<0.07	<0.07	<0.07	
Chrysene	mg/kg	91.9	AECOM derived GAC			40	12	1.76	0	0.21	0.85	<0.06	<0.06	<0.06	<0.06	
Dibenzo(ah)anthracene	mg/kg	0.946	AECOM derived GAC			40	4	<0.04	0	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	
Fluoranthene	mg/kg	4188	AECOM derived GAC			40	12	3.93	0	0.32	1.6	<0.08	<0.08	<0.08	<0.08	
Fluorene	mg/kg	13362	AECOM derived GAC			40	6	<0.01	0	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	
Indeno(123-cd)pyrene	mg/kg	133	AECOM derived GAC			40	12	1.03	0	0.15	0.39	<0.03	<0.03	<0.03	<0.03	
Naphthalene	mg/kg	6687	AECOM derived GAC			40	1	<0.03	0	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	
Phenanthrene	mg/kg	4178	AECOM derived GAC			40	12	2.02	0	0.1	0.24	<0.03	<0.03	<0.03	<0.03	
Pyrene	mg/kg	10052	AECOM derived GAC			40	12	3.55	0	0.29	2.5	<0.07	<0.07	<0.07	<0.07	
Total PAH-16MS	mg/kg					40	12	21.40	0	1.97	8.38	<0.08	<0.08	<0.08	<0.08	
TPH CWG									0							
Ali >C5-C6	mg/kg	420410	AECOM derived GAC			40	1	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Ali >C6-C8	mg/kg	603497	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Ali >C8-C10	mg/kg	16835	AECOM derived GAC			40	2	9.00	0	<1	<1	<1	<1	<1	<1	
Ali >C10-C12	mg/kg	17225	AECOM derived GAC			40	3	17.00	0	<1	<1	<1	<1	<1	<1	
Ali >C12-C16	mg/kg	17415	AECOM derived GAC			40	5	15.00	0	<1	2	<1	<1	<1	<1	
Ali >C16-C21	mg/kg					40	7	20.00	0	<1	7	<1	<1	<1	<1	
Ali >C21-C35	mg/kg					40	13	45.00	0	4	45	<1	<1	<1	<1	
Total Aliphatics	mg/kg					40	13	77.00	0	4	54	<1	<1	<1	<1	
Aro >C5-C7	mg/kg	73285	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aro >C7-C8	mg/kg	75283	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Aro >C8-C10	mg/kg	6832	AECOM derived GAC			40	6	17.00	0	1	2	<1	<1	<1	<1	
Aro >C10-C12	mg/kg	6933	AECOM derived GAC			40	5	14.00	0	<1	4	<1	<1	<1	<1	
Aro >C12-C16	mg/kg	6983	AECOM derived GAC			40	11	13.00	0	1	13	<1	<1	<1	<1	
Aro >C16-C21	mg/kg	5233	AECOM derived GAC			40	12	65.00	0	6	65	<1	<1	<1	<1	
Aro >C21-C35	mg/kg	5246	AECOM derived GAC			40	14	312.00	0	37	312	<1	<1	<1	<1	
Total Aromatics	mg/kg					40	14	395.00	0	46	395	<1	<1	<1	<1	
TPH (Ali & Aro >C5-C35)	mg/kg					40	14	449.00	0	50	449	<1	<1	<1	<1	
BTEX - Benzene	mg/kg	171	AECOM derived GAC	370	SoBRA 2020	40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BTEX - Toluene	mg/kg	75293	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BTEX - Ethyl Benzene	mg/kg	28627	AECOM derived GAC			40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BTEX - m & p Xylene	mg/kg					40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
BTEX - o Xylene	mg/kg					40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
MTBE	mg/kg					40	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	
Phenol	µg/kg	6912000	AECOM derived GAC	175000000	SoBRA 2020	9	0	<100	0	<100	<100					
Vinyl Chloride (Chloroethene)	µg/kg			220000	SoBRA 2020	12	0	<1	0	<1	<1	<1	<1			
Trichloroethene	µg/kg			33000000	SoBRA 2020	12	0	<1	0	<1	<1	<1	<1			

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of detection.

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	DS107	BH101	BH101	DS101	BH103	BH103	BH102	BH106
Depth to Top	0.50	0.40	2.70	0.50	0.50	2.60	0.50	1.50
Depth to Bottom		0.80	3.10			3.00		1.70
Date Sampled	21-Sep-21	24-Sep-21	24-Sep-21	27-Sep-21	30-Sep-21	30-Sep-21	29-Sep-21	28-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil	Soil - ES	Soil - ES

Determinand	Units	EQS Transitional / Coastal	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	CHALK	MG	ALL	CHALK	ALL	CHALK
pH (leachable)	pH	NR		13	13	12.24	0	6.55	7.89	7.86	7.53	8.6	8.9	8.78	8.68
Alkalinity by titration (total) (pH 4.5) (leachable)	mg/l Ca CO3	NR		13	13	1220.00	0	40	80	120	160	240	240	100	140
Alkalinity by titration (carbonate) (leachable)	mg/l Ca CO3	NR		13	3	320.00	0	<15	<15	<15	<15	40	<15	<15	<15
Hardness Total (leachable)	mg/l Ca CO3	NR		13	13	1309.00	0	197	170	71	724	283	157	137	223
Ammoniacal nitrogen as N (leachable)	mg/l	0.021	WFD England/Wales. 2015 - Saltwater Standards (unionised ammonia)	13	7	2.48	7	0.31	<0.02	0.1	2.48	<0.02	<0.02	<0.02	<0.02
Chloride (leachable)	mg/l	NV		13	13	4400.00	0	13.98	82.95	225	1750	1170	1150	1120	847
Nitrite (leachable)	mg/l	NV		13	2	0.20	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Nitrate (leachable)	mg/l	NV		13	6	19.50	0	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Sulphate (leachable)	mg/l	NV		13	12	697.90	0	12.73	23.55	49.73	636.53	203.84	202.43	198.65	240.14
Cyanide (free) (leachable)	mg/l	0.001	SEPA WAT-SG-53 Marine EQS - AA - 2015	13	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cyanide (total) (leachable)	mg/l	0.001	WFD England/Wales. 2015 - Saltwater Standards	13	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenol (leachable)	mg/l	0.0077	WFD England/Wales. 2015 - Saltwater Standards	13	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
DOC (leachable)	mg/l	NR		13	13	65.10	0	25	9	39.2	27.1	6.7	6	6.5	65.1
Antimony (leachable)	µg/l	NV		13	3	148.00	0	<1	<5	<1	148	<2	<1	2	9
Arsenic (leachable)	µg/l	25	WFD England/Wales. 2015 - Saltwater Standards	13	7	45.00	1	2	6	<1	45	6	<1	1	12
Boron (leachable)	µg/l	7000	SEPA WAT-SG-53 Marine EQS - AA - 2015	13	12	1520.00	0	36	85	91	1520	512	23	41	23
Barium (leachable)	µg/l	NV		13	13	1160.00	0	333	1160	9	191	14	34	53	49
Beryllium (leachable)	µg/l	NV		13	1	1.00	0	1	<5	<1	<5	<2	<1	<1	<1
Cadmium (leachable)	µg/l	0.2	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	0	<1	0	<1	<5	<1	<5	<2	<1	<1	<1
Copper (leachable)	µg/l	3.76	WFD England/Wales. 2015 - Saltwater Standards	13	10	83.00	10	40	20	<1	83	10	5	4	26
Chromium (leachable)	µg/l	NV		13	4	8.00	0	<1	<5	<1	8	<2	3	<1	4
Chromium (hexavalent) (leachable)	mg/l	0.0006	WFD England/Wales. 2015 - Saltwater Standards	13	0	<0.05	0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.10	<0.05
Lead (leachable)	µg/l	1.3	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	9	7080.00	9	168	34	<1	7080	7	2	3	120
Magnesium (leachable)	mg/l	NV		13	12	234.00	0	37	9	5	109	52	28	23	33
Mercury (leachable)	µg/l	0.07	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	0	<0.1	0	<0.1	<0.5	<0.1	<0.5	<0.2	<0.1	<0.1	<0.1
Molybdenum (leachable)	µg/l	NV		13	8	66.00	0	<1	<5	1	66	<2	8	11	2
Nickel (leachable)	µg/l	8.6	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	8	203.00	4	15	12	<1	203	<2	2	2	4
Selenium (leachable)	µg/l	NV		13	2	8.00	0	3	8	<1	<5	<2	<1	<1	<1
Zinc (leachable)	µg/l	6.8	WFD England/Wales. 2015 - Saltwater Standards	13	13	878.00	8	34	21	4	878	3	16	5	80
Potassium (leachable)	mg/l	NV		13	13	118.00	0	53	11	1	83	37	41	43	38
Sodium (leachable)	mg/l	NV		13	13	2490.00	0	10	86	174	1030	769	775	772	562
PAH 16MS (leachable)															
Acenaphthene (leachable)	µg/l	NV		13	4	1.46	0	0.04	<0.02	<0.02	0.1	<0.02	<0.02	<0.02	0.05
Acenaphthylene (leachable)	µg/l	NV		13	2	0.20	0	<0.02	<0.02	<0.02	0.2	<0.02	<0.02	<0.02	<0.02
Anthracene (leachable)	µg/l	0.1	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	4	0.40	3	0.02	<0.02	<0.02	0.34	<0.02	<0.02	<0.02	0.14
Benzo(a)anthracene (leachable)	µg/l	NV		13	3	2.02	0	<0.02	<0.02	<0.02	2.02	<0.02	<0.02	<0.02	0.11
Benzo(a)pyrene (leachable)	µg/l	0.00017	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	3	2.63	3	<0.02	<0.02	<0.02	2.63	<0.02	<0.02	<0.02	0.09
Benzo(b)fluoranthene (leachable)	µg/l	0.017	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	3	3.03	3	<0.02	<0.02	<0.02	3.03	<0.02	<0.02	<0.02	0.08
Benzo(ghi)perylene (leachable)	µg/l	0.00082	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	3	1.59	3	<0.02	<0.02	<0.02	1.59	<0.02	<0.02	<0.02	0.03
Benzo(k)fluoranthene (leachable)	µg/l	0.017	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	3	1.23	3	<0.02	<0.02	<0.02	1.23	<0.02	<0.02	<0.02	0.04
Chrysene (leachable)	µg/l	NV		13	3	2.30	0	<0.02	<0.02	<0.02	2.3	<0.02	<0.02	<0.02	0.13
Dibenzo(ah)anthracene (leachable)	µg/l	NV		13	2	0.35	0	<0.02	<0.02	<0.02	0.35	<0.02	<0.02	<0.02	<0.02
Fluoranthene (leachable)	µg/l	0.0063	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	7	4.25	7	0.13	0.03	<0.02	4.25	<0.02	<0.02	<0.02	0.27
Fluorene (leachable)	µg/l	NV		13	4	0.87	0	0.04	<0.02	<0.02	0.11	<0.02	<0.02	<0.02	0.14
Indeno(123-cd)pyrene (leachable)	µg/l	see BaP and notes	Water Env't Regs (Scotland) 2015. AA-EQS Coast	13	3	1.72	0	<0.02	<0.02	<0.02	1.72	<0.02	<0.02	<0.02	0.04
Naphthalene (leachable)	µg/l	2	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	13	0.69	0	0.1	0.09	0.14	0.06	0.03	0.13	0.11	0.11
Phenanthrene (leachable)	µg/l	NV		13	7	1.99	0	0.18	<0.02	<0.02	1.24	<0.02	<0.02	<0.02	0.41
Pyrene (leachable)	µg/l	NV		13	6	3.93	0	0.1	0.02	<0.02	3.93	<0.02	<0.02	<0.02	0.22
Total PAH 16MS (leachable)	µg/l	NV		13	13	25.10	0	0.61	0.14	0.14	25.1	0.03	0.13	0.11	1.86
Combined Compounds															
PAHs (sum of 4)	µg/l	NV		13	4	7.57	0	ND	ND	ND	7.57	ND	ND	ND	0.19
Benzo(a)pyrene (surrogate marker for PAH mixture)	µg/l	NV		13	7	2.63	0	<0.02	<0.02	<0.02	2.63	<0.02	<0.02	<0.02	0.09
PAHs (benzo(b)fluoranthene & benzo(k)fluoranthene)	µg/l	NV		13	3	4.26	0	ND	ND	ND	4.26	ND	ND	ND	0.12
Benzo(g,h,i)perylene + Indeno(1,2,3-cd)pyrene	µg/l	NV		13	4	3.31	0	ND	ND	ND	3.31	ND	ND	ND	0.07

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of detection.

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	HDTP111	BH105	DS104	BH104	BH104
Depth to Top	0.50	0.40	0.50	1.00	2.80
Depth to Bottom				1.30	
Date Sampled	23-Sep-21	20-Sep-21	21-Sep-21	22-Sep-21	22-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES

Determinand	Units	EQS Transitional / Coastal	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	ALL	MG	ALL
pH (leachable)	pH	NR		13	13	12.24	0	7.58	7.74	7.87	12.24	8.74
Alkalinity by titration (total) (pH 4.5) (leachable)	mg/l Ca CO3	NR		13	13	1220.00	0	220	100	20	1220	60
Alkalinity by titration (carbonate) (leachable)	mg/l Ca CO3	NR		13	3	320.00	0	<15	80	<15	320	<15
Hardness Total (leachable)	mg/l Ca CO3	NR		13	13	1309.00	0	1309	59	57	881	208
Ammoniacal nitrogen as N (leachable)	mg/l	0.021	WFD England/Wales. 2015 - Saltwater Standards (unionised ammonia)	13	7	2.48	7	0.37	<0.02	0.09	0.65	0.84
Chloride (leachable)	mg/l	NV		13	13	4400.00	0	4400	183.16	10.5	671	1348.62
Nitrite (leachable)	mg/l	NV		13	2	0.20	0	0.2	<0.1	<0.1	0.1	<0.1
Nitrate (leachable)	mg/l	NV		13	6	19.50	0	3.2	0.8	19.5	0.3	0.2
Sulphate (leachable)	mg/l	NV		13	12	697.90	0	697.9	38.3	5.27	<1.00	297.94
Cyanide (free) (leachable)	mg/l	0.001	SEPA WAT-SG-53 Marine EQS - AA - 2015	13	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005
Cyanide (total) (leachable)	mg/l	0.001	WFD England/Wales. 2015 - Saltwater Standards	13	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005
Phenol (leachable)	mg/l	0.0077	WFD England/Wales. 2015 - Saltwater Standards	13	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01
DOC (leachable)	mg/l	NR		13	13	65.10	0	14.7	9.3	17.1	16.9	11.4
Antimony (leachable)	µg/l	NV		13	3	148.00	0	<5	<1	<1	<2	<2
Arsenic (leachable)	µg/l	25	WFD England/Wales. 2015 - Saltwater Standards	13	7	45.00	1	<5	<1	1	<2	<2
Boron (leachable)	µg/l	7000	SEPA WAT-SG-53 Marine EQS - AA - 2015	13	12	1520.00	0	1380	272	31	<20	496
Barium (leachable)	µg/l	NV		13	13	1160.00	0	16	15	58	361	31
Beryllium (leachable)	µg/l	NV		13	1	1.00	0	<5	<1	<1	<2	<2
Cadmium (leachable)	µg/l	0.2	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	0	<1	0	<5	<1	<1	<2	<2
Copper (leachable)	µg/l	3.76	WFD England/Wales. 2015 - Saltwater Standards	13	10	83.00	10	11	<1	7	24	<2
Chromium (leachable)	µg/l	NV		13	4	8.00	0	<5	<1	1	<2	<2
Chromium (hexavalent) (leachable)	mg/l	0.0006	WFD England/Wales. 2015 - Saltwater Standards	13	0	<0.05	0	<0.05	<0.05	<0.05	<0.05	<0.05
Lead (leachable)	µg/l	1.3	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	9	7080.00	9	<5	<1	10	3	<2
Magnesium (leachable)	mg/l	NV		13	12	234.00	0	234	7	6	<1	10
Mercury (leachable)	µg/l	0.07	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	0	<0.1	0	<0.5	<0.1	<0.1	<0.2	<0.2
Molybdenum (leachable)	µg/l	NV		13	8	66.00	0	13	<1	<1	3	21
Nickel (leachable)	µg/l	8.6	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	8	203.00	4	<5	<1	2	12	<2
Selenium (leachable)	µg/l	NV		13	2	8.00	0	<5	<1	<1	<2	<2
Zinc (leachable)	µg/l	6.8	WFD England/Wales. 2015 - Saltwater Standards	13	13	878.00	8	9	3	17	12	3
Potassium (leachable)	mg/l	NV		13	13	118.00	0	118	6	11	21	57
Sodium (leachable)	mg/l	NV		13	13	2490.00	0	2490	147	13	144	778
PAH 16MS (leachable)												
Acenaphthene (leachable)	µg/l	NV		13	4	1.46	0	<0.02	<0.02	<0.02	1.46	<0.02
Acenaphthylene (leachable)	µg/l	NV		13	2	0.20	0	<0.02	<0.02	<0.02	0.12	<0.02
Anthracene (leachable)	µg/l	0.1	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	4	0.40	3	<0.02	<0.02	<0.02	0.4	<0.02
Benzo(a)anthracene (leachable)	µg/l	NV		13	3	2.02	0	<0.02	<0.02	<0.02	0.12	<0.02
Benzo(a)pyrene (leachable)	µg/l	0.00017	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	3	2.63	3	<0.02	<0.02	<0.02	0.07	<0.02
Benzo(b)fluoranthene (leachable)	µg/l	0.017	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	3	3.03	3	<0.02	<0.02	<0.02	0.07	<0.02
Benzo(ghi)perylene (leachable)	µg/l	0.00082	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	3	1.59	3	<0.02	<0.02	<0.02	0.04	<0.02
Benzo(k)fluoranthene (leachable)	µg/l	0.017	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	13	3	1.23	3	<0.02	<0.02	<0.02	0.04	<0.02
Chrysene (leachable)	µg/l	NV		13	3	2.30	0	<0.02	<0.02	<0.02	0.08	<0.02
Dibenzo(ah)anthracene (leachable)	µg/l	NV		13	2	0.35	0	<0.02	<0.02	<0.02	0.03	<0.02
Fluoranthene (leachable)	µg/l	0.0063	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	7	4.25	7	0.02	<0.02	0.03	0.66	<0.02
Fluorene (leachable)	µg/l	NV		13	4	0.87	0	<0.02	<0.02	<0.02	0.87	<0.02
Indeno(123-cd)pyrene (leachable)	µg/l	see BaP and notes	Water Env't Regs (Scotland) 2015. AA-EQS Coast	13	3	1.72	0	<0.02	<0.02	<0.02	0.05	<0.02
Naphthalene (leachable)	µg/l	2	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	13	13	0.69	0	0.38	0.09	0.03	0.69	0.19
Phenanthrene (leachable)	µg/l	NV		13	7	1.99	0	0.06	0.03	0.05	1.99	<0.02
Pyrene (leachable)	µg/l	NV		13	6	3.93	0	<0.02	<0.02	0.03	0.53	<0.02
Total PAH 16MS (leachable)	µg/l	NV		13	13	25.10	0	0.46	0.12	0.14	7.22	0.19
Combined Compounds												
PAHs (sum of 4)	µg/l	NV		13	4	7.57	0	ND	ND	0.03	0.92	ND
Benzo(a)pyrene (surrogate marker for PAH mixture)	µg/l	NV		13	7	2.63	0	0.09	0.09	0.09	0.09	0.09
PAHs (benzo(b)fluoranthene & benzo(k)fluoranthene)	µg/l	NV		13	3	4.26	0	ND	ND	ND	0.19	ND
Benzo(g,h,i)perylene + Indeno(1,2,3-cd)pyrene	µg/l	NV		13	4	3.31	0	ND	ND	0.03	0.73	ND

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of

Exceedance

MG

BD

ALL

CHALK

Made Ground
Beach Deposits
Alluvium
Chalk (Bedrock)

Client Sample ID	DS107	BH101	BH101	DS101	BH103	BH103	BH102	BH106	HDTP111	BH105
Depth to Top	0.50	0.40	2.70	0.50	0.50	2.60	0.50	1.50	0.50	0.40
Depth to Bottom		0.80	3.10			3.00		1.70		
Date Sampled	21-Sep-21	24-Sep-21	24-Sep-21	27-Sep-21	30-Sep-21	30-Sep-21	29-Sep-21	28-Sep-21	23-Sep-21	20-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil	Soil - ES	Soil - ES	Soil - ES	Soil - ES

Determinand	Units	Drinking Water Standards (DWS)	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	MG	MG	CHALK	MG	ALL	CHALK	ALL	CHALK	MG	MG
pH (leachable)	pH	NR	-	13	13	12.24	0	6.55	7.89	7.86	7.53	8.6	8.9	8.78	8.68	7.58	7.74
Alkalinity by titration (total) (pH 4.5) (leachable)	mg/l Ca CO3	NR	-	13	13	1220.00	0	40	80	120	160	240	240	100	140	220	100
Alkalinity by titration (carbonate) (leachable)	mg/l Ca CO3	NR	-	13	3	320.00	0	<15	<15	<15	<15	40	<15	<15	<15	<15	80
Hardness Total (leachable)	mg/l Ca CO3	NR	-	13	13	1309.00	0	197	170	71	724	283	157	137	223	1309	59
Ammoniacal nitrogen as N (leachable)	mg/l	0.5	WS Regs 2016 (Eng/Wal) (Ammonium as NH4)	13	7	2.48	3	0.31	<0.02	0.1	2.48	<0.02	<0.02	<0.02	<0.02	0.37	<0.02
Chloride (leachable)	mg/l	250	WS Regs 2016 (Eng/Wal)	13	13	4400.00	8	13.98	82.95	225	1750	1170	1150	1120	847	4400	183.16
Nitrite (leachable)	mg/l	0.5	WS Regs 2016 (Eng/Wal)	13	2	0.20	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	0.2	<0.1
Nitrate (leachable)	mg/l	50	WS Regs 2016 (Eng/Wal)	13	6	19.50	0	9.4	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	3.2	0.8
Sulphate (leachable)	mg/l	250	WS Regs 2016 (Eng/Wal)	13	12	697.90	3	12.73	23.55	49.73	636.53	203.84	202.43	198.65	240.14	697.9	38.3
Cyanide (free) (leachable)	mg/l	0.05	WS Regs 2016 (Eng/Wal)	13	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Cyanide (total) (leachable)	mg/l	0.05	WS Regs 2016 (Eng/Wal)	13	0	<0.005	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Phenol (leachable)	mg/l	5.8	USEPA RSL (tapwater) [May 2020]	13	0	<0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
DOC (leachable)	mg/l	NR	-	13	13	65.10	0	25	9	39.2	27.1	6.7	6	6.5	65.1	14.7	9.3
Antimony (leachable)	µg/l	5	WS Regs 2016 (Eng/Wal)	13	3	148.00	2	<1	<5	<1	148	<2	<1	2	9	<5	<1
Arsenic (leachable)	µg/l	10	WS Regs 2016 (Eng/Wal)	13	7	45.00	2	2	6	<1	45	6	<1	1	12	<5	<1
Boron (leachable)	µg/l	1000	WS Regs 2016 (Eng/Wal)	13	12	1520.00	2	36	85	91	1520	512	23	41	23	1380	272
Barium (leachable)	µg/l	1300	WHO DWG 2017	13	13	1160.00	0	333	1160	9	191	14	34	53	49	16	15
Beryllium (leachable)	µg/l	12	WHO DWG 2017	13	1	1.00	0	1	<5	<1	<5	<2	<1	<1	<1	<5	<1
Cadmium (leachable)	µg/l	5	WS Regs 2016 (Eng/Wal)	13	0	<1	0	<1	<5	<1	<5	<2	<1	<1	<1	<5	<1
Copper (leachable)	µg/l	2000	WS Regs 2016 (Eng/Wal)	13	10	83.00	0	40	20	<1	83	10	5	4	26	11	<1
Chromium (leachable)	µg/l	50	WS Regs 2016 (Eng/Wal)	13	4	8.00	0	<1	<5	<1	8	<2	3	<1	4	<5	<1
Chromium (hexavalent) (leachable)	mg/l	50	WS Regs 2016 (Eng/Wal)	13	0	<0.05	0	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.10	<0.05	<0.05	<0.05
Lead (leachable)	µg/l	10	WS Regs 2016 (Eng/Wal)	13	9	7080.00	4	168	34	<1	7080	7	2	3	120	<5	<1
Magnesium (leachable)	mg/l	NV	-	13	12	234.00	0	37	9	5	109	52	28	23	33	234	7
Mercury (leachable)	µg/l	1	WS Regs 2016 (Eng/Wal)	13	0	<0.1	0	<0.1	<0.5	<0.1	<0.5	<0.2	<0.1	<0.1	<0.1	<0.5	<0.1
Molybdenum (leachable)	µg/l	70	WHO DWG 2017	13	8	66.00	0	<1	<5	1	66	<2	8	11	2	13	<1
Nickel (leachable)	µg/l	20	WS Regs 2016 (Eng/Wal)	13	8	203.00	1	15	12	<1	203	<2	2	2	4	<5	<1
Selenium (leachable)	µg/l	10	WS Regs 2016 (Eng/Wal)	13	2	8.00	0	3	8	<1	<5	<2	<1	<1	<1	<5	<1
Zinc (leachable)	µg/l	6000	USEPA RSL (tapwater) [May 2020]	13	13	878.00	0	34	21	4	878	3	16	5	80	9	3
Potassium (leachable)	mg/l	NV	-	13	13	118.00	0	53	11	1	83	37	41	43	38	118	6
Sodium (leachable)	mg/l	200	WS Regs 2016 (Eng/Wal)	13	13	2490.00	7	10	86	174	1030	769	775	772	562	2490	147
PAH 16MS (leachable)			-				0										
Acenaphthene (leachable)	µg/l	18	AECOM DWG (WHO method)	13	4	1.46	0	0.04	<0.02	<0.02	0.1	<0.02	<0.02	<0.02	0.05	<0.02	<0.02
Acenaphthylene (leachable)	µg/l	18	AECOM DWG (WHO method)	13	2	0.20	0	<0.02	<0.02	<0.02	0.2	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Anthracene (leachable)	µg/l	90	AECOM DWG (WHO method)	13	4	0.40	0	0.02	<0.02	<0.02	0.34	<0.02	<0.02	<0.02	0.14	<0.02	<0.02
Benzo(a)anthracene (leachable)	µg/l	3.5	AECOM DWG (WHO method)	13	3	2.02	0	<0.02	<0.02	<0.02	2.02	<0.02	<0.02	<0.02	0.11	<0.02	<0.02
Benzo(a)pyrene (leachable)	µg/l	0.01	WS Regs 2016 (Eng/Wal)	13	3	2.63	3	<0.02	<0.02	<0.02	2.63	<0.02	<0.02	<0.02	0.09	<0.02	<0.02
Benzo(b)fluoranthene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	3.03	1	<0.02	<0.02	<0.02	3.03	<0.02	<0.02	<0.02	0.08	<0.02	<0.02
Benzo(ghi)perylene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	1.59	1	<0.02	<0.02	<0.02	1.59	<0.02	<0.02	<0.02	0.03	<0.02	<0.02
Benzo(k)fluoranthene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	1.23	1	<0.02	<0.02	<0.02	1.23	<0.02	<0.02	<0.02	0.04	<0.02	<0.02
Chrysene (leachable)	µg/l	7	AECOM DWG (WHO method)	13	3	2.30	0	<0.02	<0.02	<0.02	2.3	<0.02	<0.02	<0.02	0.13	<0.02	<0.02
Dibenzo(ah)anthracene (leachable)	µg/l	0.07	AECOM DWG (WHO method)	13	2	0.35	1	<0.02	<0.02	<0.02	0.35	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene (leachable)	µg/l	4	WHO DWG 2017	13	7	4.25	1	0.13	0.03	<0.02	4.25	<0.02	<0.02	<0.02	0.27	0.02	<0.02
Fluorene (leachable)	µg/l	12	AECOM DWG (WHO method)	13	4	0.87	0	0.04	<0.02	<0.02	0.11	<0.02	<0.02	<0.02	0.14	<0.02	<0.02
Indeno(123-cd)pyrene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	1.72	1	<0.02	<0.02	<0.02	1.72	<0.02	<0.02	<0.02	0.04	<0.02	<0.02
Naphthalene (leachable)	µg/l	6	AECOM DWG (WHO method)	13	13	0.69	0	0.1	0.09	0.14	0.06	0.03	0.13	0.11	0.11	0.38	0.09
Phenanthrene (leachable)	µg/l	4	AECOM DWG (WHO method)	13	7	1.99	0	0.18	<0.02	<0.02	1.24	<0.02	<0.02	<0.02	0.41	0.06	0.03
Pyrene (leachable)	µg/l	9	AECOM DWG (WHO method)	13	6	3.93	0	0.1	0.02	<0.02	3.93	<0.02	<0.02	<0.02	0.22	<0.02	<0.02
Total PAH 16MS (leachable)	µg/l	NV	-	13	13	25.10	0	0.61	0.14	0.14	25.1	0.03	0.13	0.11	1.86	0.46	0.12
Combined Compounds							0										
PAHs (sum of 4)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	4	7.57	3	ND	ND	ND	7.57	ND	ND	ND	0.19	ND	ND
Benzo(a)pyrene (surrogate marker for PAH mixture)	µg/l	NV	-	13	7	2.63	0	<0.02	<0.02	<0.02	2.63	<0.02	<0.02	<0.02	0.09	0.09	0.09
PAHs (benzo(b)fluoranthene & benzo(k)fluoranthene)	µg/l	NV	-	13	3	4.26	0	ND	ND	ND	4.26	ND	ND	ND	0.12	ND	ND
Benzo(g,h,i)perylene + Indeno(1,2,3-cd)pyrene	µg/l	NV	-	13	4	3.31	0	ND	ND	ND	3.31	ND	ND	ND	0.07	ND	ND

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	DS104	BH104	BH104
Depth to Top	0.50	1.00	2.80
Depth to Bottom		1.30	
Date Sampled	21-Sep-21	22-Sep-21	22-Sep-21
Sample Type	Soil - ES	Soil - ES	Soil - ES

Determinand	Units	Drinking Water Standards (DWS)	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	ALL	MG	ALL
pH (leachable)	pH	NR	-	13	13	12.24	0	7.87	12.24	8.74
Alkalinity by titration (total) (pH 4.5) (leachable)	mg/l Ca CO3	NR	-	13	13	1220.00	0	20	1220	60
Alkalinity by titration (carbonate) (leachable)	mg/l Ca CO3	NR	-	13	3	320.00	0	<15	320	<15
Hardness Total (leachable)	mg/l Ca CO3	NR	-	13	13	1309.00	0	57	881	208
Ammoniacal nitrogen as N (leachable)	mg/l	0.5	WS Regs 2016 (Eng/Wal) (Ammonium as NH4)	13	7	2.48	3	0.09	0.65	0.84
Chloride (leachable)	mg/l	250	WS Regs 2016 (Eng/Wal)	13	13	4400.00	8	10.5	671	1348.62
Nitrite (leachable)	mg/l	0.5	WS Regs 2016 (Eng/Wal)	13	2	0.20	0	<0.1	0.1	<0.1
Nitrate (leachable)	mg/l	50	WS Regs 2016 (Eng/Wal)	13	6	19.50	0	19.5	0.3	0.2
Sulphate (leachable)	mg/l	250	WS Regs 2016 (Eng/Wal)	13	12	697.90	3	5.27	<1.00	297.94
Cyanide (free) (leachable)	mg/l	0.05	WS Regs 2016 (Eng/Wal)	13	0	<0.005	0	<0.005	<0.005	<0.005
Cyanide (total) (leachable)	mg/l	0.05	WS Regs 2016 (Eng/Wal)	13	0	<0.005	0	<0.005	<0.005	<0.005
Phenol (leachable)	mg/l	5.8	USEPA RSL (tapwater) [May 2020]	13	0	<0.01	0	<0.01	<0.01	<0.01
DOC (leachable)	mg/l	NR	-	13	13	65.10	0	17.1	16.9	11.4
Antimony (leachable)	µg/l	5	WS Regs 2016 (Eng/Wal)	13	3	148.00	2	<1	<2	<2
Arsenic (leachable)	µg/l	10	WS Regs 2016 (Eng/Wal)	13	7	45.00	2	1	<2	<2
Boron (leachable)	µg/l	1000	WS Regs 2016 (Eng/Wal)	13	12	1520.00	2	31	<20	496
Barium (leachable)	µg/l	1300	WHO DWG 2017	13	13	1160.00	0	58	361	31
Beryllium (leachable)	µg/l	12	WHO DWG 2017	13	1	1.00	0	<1	<2	<2
Cadmium (leachable)	µg/l	5	WS Regs 2016 (Eng/Wal)	13	0	<1	0	<1	<2	<2
Copper (leachable)	µg/l	2000	WS Regs 2016 (Eng/Wal)	13	10	83.00	0	7	24	<2
Chromium (leachable)	µg/l	50	WS Regs 2016 (Eng/Wal)	13	4	8.00	0	1	<2	<2
Chromium (hexavalent) (leachable)	mg/l	50	WS Regs 2016 (Eng/Wal)	13	0	<0.05	0	<0.05	<0.05	<0.05
Lead (leachable)	µg/l	10	WS Regs 2016 (Eng/Wal)	13	9	7080.00	4	10	3	<2
Magnesium (leachable)	mg/l	NV	-	13	12	234.00	0	6	<1	10
Mercury (leachable)	µg/l	1	WS Regs 2016 (Eng/Wal)	13	0	<0.1	0	<0.1	<0.2	<0.2
Molybdenum (leachable)	µg/l	70	WHO DWG 2017	13	8	66.00	0	<1	3	21
Nickel (leachable)	µg/l	20	WS Regs 2016 (Eng/Wal)	13	8	203.00	1	2	12	<2
Selenium (leachable)	µg/l	10	WS Regs 2016 (Eng/Wal)	13	2	8.00	0	<1	<2	<2
Zinc (leachable)	µg/l	6000	USEPA RSL (tapwater) [May 2020]	13	13	878.00	0	17	12	3
Potassium (leachable)	mg/l	NV	-	13	13	118.00	0	11	21	57
Sodium (leachable)	mg/l	200	WS Regs 2016 (Eng/Wal)	13	13	2490.00	7	13	144	778
PAH 16MS (leachable)	-	-	-	-	-	-	0	-	-	-
Acenaphthene (leachable)	µg/l	18	AECOM DWG (WHO method)	13	4	1.46	0	<0.02	1.46	<0.02
Acenaphthylene (leachable)	µg/l	18	AECOM DWG (WHO method)	13	2	0.20	0	<0.02	0.12	<0.02
Anthracene (leachable)	µg/l	90	AECOM DWG (WHO method)	13	4	0.40	0	<0.02	0.4	<0.02
Benzo(a)anthracene (leachable)	µg/l	3.5	AECOM DWG (WHO method)	13	3	2.02	0	<0.02	0.12	<0.02
Benzo(a)pyrene (leachable)	µg/l	0.01	WS Regs 2016 (Eng/Wal)	13	3	2.63	3	<0.02	0.07	<0.02
Benzo(b)fluoranthene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	3.03	1	<0.02	0.07	<0.02
Benzo(ghi)perylene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	1.59	1	<0.02	0.04	<0.02
Benzo(k)fluoranthene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	1.23	1	<0.02	0.04	<0.02
Chrysene (leachable)	µg/l	7	AECOM DWG (WHO method)	13	3	2.30	0	<0.02	0.08	<0.02
Dibenzo(ah)anthracene (leachable)	µg/l	0.07	AECOM DWG (WHO method)	13	2	0.35	1	<0.02	0.03	<0.02
Fluoranthene (leachable)	µg/l	4	WHO DWG 2017	13	7	4.25	1	0.03	0.66	<0.02
Fluorene (leachable)	µg/l	12	AECOM DWG (WHO method)	13	4	0.87	0	<0.02	0.87	<0.02
Indeno(123-cd)pyrene (leachable)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	3	1.72	1	<0.02	0.05	<0.02
Naphthalene (leachable)	µg/l	6	AECOM DWG (WHO method)	13	13	0.69	0	0.03	0.69	0.19
Phenanthrene (leachable)	µg/l	4	AECOM DWG (WHO method)	13	7	1.99	0	0.05	1.99	<0.02
Pyrene (leachable)	µg/l	9	AECOM DWG (WHO method)	13	6	3.93	0	0.03	0.53	<0.02
Total PAH 16MS (leachable)	µg/l	NV	-	13	13	25.10	0	0.14	7.22	0.19
Combined Compounds							0			
PAHs (sum of 4)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	13	4	7.57	3	0.03	0.92	ND
Benzo(a)pyrene (surrogate marker for PAH mixture)	µg/l	NV	-	13	7	2.63	0	0.09	0.09	0.09
PAHs (benzo(b)fluoranthene & benzo(k)fluoranthene)	µg/l	NV	-	13	3	4.26	0	ND	0.19	ND
Benzo(g,h,i)perylene + Indeno(1,2,3-cd)pyrene	µg/l	NV	-	13	4	3.31	0	0.03	0.73	ND

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to surface water

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2	
Depth to Bottom												
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW

Determinand	Units	EQS Transitional/C oastal	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
pH (w)	pH	NV	-	10	10	7.50	0	7.15	7.1	7.14	6.9	7.01	7.04	7.11	7.17		7.5	6.99	
pH BRE (w)	pH	NV	-	4	4	7.14	0		7.1	7.14			7.04	7.11					
Alkalinity by titration (total) (pH 4.5) (w)	mg/l Ca CO3	NV	-	10	10	880.00	0	440	470	685	455	450	880	560	670		410	360	
Alkalinity by titration (carbonate) (w)	mg/l Ca CO3	NV	-	10	0	0.00	0	<15	<15	<15	<15	<15	<15	<15	<15		<15	<15	
Hardness Total	mg/l Ca CO3	NV	-	10	10	7210.00	0	3760	369	303	2280	1182	7210	713	154		4580	462	
Total Suspended Solids (w)	mg/l	NV	-	10	8	319.00	0	319	112	67	317	42	90	34	27		<10	<10	
Ammoniacal nitrogen as N (w) TOTAL	mg/l	NV	-	10	10	14.10	0	7.63	0.18	0.03	0.17	0.09	14.1	0.07	0.02		3.24	0.05	
AECOM Calc (Unionised as Ammonia as N)	mg/l	0.021	WFD England/Wales. 2015 - Saltwater Standards (unionised ammonia as N)	10	10	0.04	3	0.0306	0.0006	0.0001	0.0004	0.0002	0.0428	0.0002	0.0001		0.0291	0.0001	
Chloride (w)	mg/l	NV	-	10	10	17900.00	0	11200	97	149	6060	2230	17900	889	146		15400	81	
Nitrite (w)	mg/l	NV	-	10	0	0.00	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	
Nitrate (w)	mg/l	NV	-	10	3	<0.005	0	<0.1	2.1	1.1	0.3	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	
Sulphate (w)	mg/l	NV	-	10	10	<0.005	0	1490	23	82	705	311	2710	213	89		1850	54	
Sulphate BRE (w)	mg/l	NV	-	4	4	<0.01	0		23	82			2705	213					
Cyanide (free) (w)	mg/l	0.001	SEPA WAT-SG-53 Marine EQS - AA - 2015	10	0	0.00	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
Cyanide (total) (w)	mg/l	0.001	WFD England/Wales. 2015 - Saltwater Standards	10	1	0.01	1	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	0.005	
Phenols - Total by HPLC (w)	mg/l	0.0077	WFD England/Wales. 2015 - Saltwater Standards	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
DOC (w)	mg/l	NR	-	10	10	11.10	0	5.5	1.5	2.6	3.6	2.4	11.1	4	4.4		9.3	1.8	
Antimony (dissolved)	µg/l	NV	-	10	0	0.00	0	<20	<1	<1	<1	<5	<20	<1	<1		<20	<1	
Arsenic (dissolved)	µg/l	25	WFD England/Wales. 2015 - Saltwater Standards	10	3	10.00	0	<20	10	<1	<10	<5	<20	2	<1		<20	1	
Boron (dissolved)	µg/l	7000	SEPA WAT-SG-53 Marine EQS - AA - 2015	10	10	<1	0	3430	114	476	884	307	3770	586	448		4480	135	
Barium (dissolved)	µg/l	NV	-	10	10	351.00	0	331	34	76	165	174	351	116	65		138	65	
Beryllium (dissolved)	µg/l	NV	-	10	0	0.00	0	<20	<1	<1	<10	<5	<20	<1	<1		<20	<1	
Cadmium (dissolved)	µg/l	0.2	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	10	0	<0.05	0	<4.0	<0.2	<0.2	<2.0	<1.0	<4.0	<0.2	<0.2		<4.0	<0.2	
Copper (dissolved)	µg/l	3.76	WFD England/Wales. 2015 - Saltwater Standards	10	2	2.00	0	<20	2	<1	<10	<5	<20	<1	2		<20	<1	
Chromium (dissolved)	µg/l	NV	-	10	1	8.00	0	<20	<1	<1	<10	<5	<20	<1	8		<20	<1	
Chromium (hexavalent) (w)	mg/l	0.0006	WFD England/Wales. 2015 - Saltwater Standards	10	0	<0.1	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Lead (dissolved)	µg/l	1.3	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	10	0	0.00	0	<20	<1	<1	<10	<5	<20	<1	<1		<20	<1	
Magnesium (dissolved)	mg/l	NV	-	10	10	1300.00	0	674	10	21	285	98	1300	70	20		863	23	
Mercury (dissolved)	µg/l	0.07	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	10	0	0.00	0	<2.0	<0.1	<0.1	<2.0	<0.5	<2.0	<0.1	<0.1		<2.0	<0.1	
Molybdenum (dissolved)	µg/l	NV	-	10	1	0.80	0	<10.0	<0.5	<0.5	<5.0	<2.5	<10.0	0.8	<0.5		<10.0	<0.5	
Nickel (dissolved)	µg/l	8.6	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	10	7	10.00	1	<20	7	3	10	6	<20	6	2		<20	3	
Potassium (dissolved)	mg/l	NV	-	10	7	315.00	0	233	<1	<1	21	5	315	10	<1		287	1	
Selenium (dissolved)	µg/l	NV	-				0	<20	<1	<1	<10	<5	<20	<1	<1		<20	<1	
Sodium (dissolved)	mg/l	NV	-				0	6880	79	285	2680	983	10500	491	282		7710	43	
Zinc (dissolved)	µg/l	6.8	WFD England/Wales. 2015 - Saltwater Standards	10	8	27.00	6	21	10	4	27	10	<20	8	<1		23	2	
BTEX (w)																			
BTEX - Benzene (w)	µg/l	8	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BTEX - Toluene (w)	µg/l	74	WFD England/Wales. 2015 - Saltwater Standards	11	2	15.00	0	<1	<1	<1	<1	<1	7	15	<1	<1	<1	<1	<1
BTEX - Ethyl Benzene (w)	µg/l	20	SEPA WAT-SG-53 Marine EQS - AA - 2015	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BTEX - m & p Xylene (w)	µg/l	30	SEPA WAT-SG-53 Marine EQS - AA - 2015 (xylene total)	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BTEX - o Xylene (w)	µg/l	30	SEPA WAT-SG-53 Marine EQS - AA - 2015 (xylene total)	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PAH 16MS (w)																			
Acenaphthene (w)	µg/l	NV		10	4	0.30	0	0.02	<0.01	0.01	<0.01	<0.01	0.3	0.01	<0.01		<0.01	<0.01	
Acenaphthylene (w)	µg/l	NV		10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Anthracene (w)	µg/l	0.1	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	10	1	0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(a)anthracene (w)	µg/l	NV		10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(a)pyrene (w)	µg/l	0.00017	WFD England/Wales. 2015 - AA-EQS Trans./Coastal	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(b)fluoranthene (w)	µg/l	0.017	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(ghi)perylene (w)	µg/l	0.00082	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(k)fluoranthene (w)	µg/l	0.017	WFD England/Wales. 2015 - MAC-EQS Trans./Coastal	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Chrysene (w)	µg/l	NV		10	0	0.00	0	<0.01	<0.01	<0.01									

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to surface water

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2	
Depth to Bottom												
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW

Determinand	Units	EQS Transitional/C oastal	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
PCB BZ 157 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.001			<0.001	<0.001						
PCB BZ 167 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.001			<0.001	<0.001						
PCB BZ 169 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.001			<0.001	<0.001						
PCB BZ 180 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.001			<0.001	<0.001						
PCB BZ 189 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.001			<0.001	<0.001						
PCB BZ 77 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.001			<0.001	<0.001						
Total Speciated PCB-EC7 & WHO12 (w)	µg/l	ALL <LOD	-	3	0	0.00	0		<0.002			<0.002	<0.002						
VOC (w)	-	-	-																
Dichlorodifluoromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Chloromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<10	<10			<10	<10			<10			
Vinyl Chloride	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Bromomethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Chloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Trichlorofluoromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
trans 1,2-Dichloroethene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Dichloromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<5	<5			<5	<5			<5			
Carbon Disulphide	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,1-Dichloroethene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,1-Dichloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
cis 1,2-Dichloroethene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Bromochloromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<5	<5			<5	<5			<5			
Chloroform	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
2,2-Dichloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2-Dichloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<2	<2			<2	<2			<2			
1,1,1-Trichloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,1-Dichloropropene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Benzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Carbon Tetrachloride	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Dibromomethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2-Dichloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Bromodichloromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<10	<10			<10	<10			<10			
Trichloroethene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
cis 1,3-Dichloropropene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
trans 1,3-Dichloropropene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,1,2-Trichloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Toluene	µg/l	74	WFD England/Wales. 2015 - Saltwater Standards	5	1	7.00	0	<1	<1			<1	7			<1			
1,3-Dichloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Dibromochloromethane	µg/l	ALL <LOD	-	5	0	0.00	0	<3	<3			<3	<3			<3			
1,2-Dibromoethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Tetrachloroethene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,1,1,2-Tetrachloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Chlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Ethylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
m & p Xylene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Bromoform	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Styrene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,1,2,2-Tetrachloroethane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
o-Xylene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2,3-Trichloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Isopropylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Bromobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
2-Chlorotoluene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
n-propylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
4-Chlorotoluene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2,4-Trimethylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
4-Isopropyltoluene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,3,5-Trimethylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2-Dichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,4-Dichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
sec-Butylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
tert-Butylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<2	<2			<2	<2			<2			
1,3-Dichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
n-butylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2-Dibromo-3-chloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<2	<2			<2	<2			<2			
1,2,4-Trichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<3	<3			<3	<3			<3			
1,2,3-Trichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<3	<3			<3	<3			<3			
Hexachlorobutadiene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
TPH CWG (w)				0	0	0.00	0												
Ali >C5-C6 (w)	µg/l	NV	-	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
Ali >C6-C8 (w)	µg/l	NV	-	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
Ali >C8-C10 (w)	µg/l	NV	-	10	0	0.00	0	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	
Ali >C10-C12 (w)	µg/l	NV	-	10	0	0.00	0	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	
Ali >C12-C16 (w)	µg/l	NV	-	10	0	0.00	0	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to surface water

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2	
Depth to Bottom												
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW

Determinand	Units	EQS Transitional/Coastal	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
Ali >C16-C21 (w)	µg/l	NV	-	10	1	241.00	0	<5	<5	<5	<5	<5	<5	241	<5		<5	<5	
Ali >C21-C35 (w)	µg/l	NV	-	10	4	7667.00	0	<5	<5	<5	<5	6	<5	7667	7		7	<5	
Total Aliphatics (w)	µg/l	NV	-	10	4	7910.00	0	<5	<5	<5	<5	6	<5	7910	7		7	<5	
Aro >C5-C7 (w)	µg/l	8	WFD England/Wales. 2015 - AA-EQS Trans./Coastal (benzene)	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
Aro >C7-C8 (w)	µg/l	74	WFD England/Wales. 2015 - Saltwater Standards (toluene)	10	2	15.00	0	<1	<1	<1	<1	<1	7	15	<1		<1	<1	
Aro >C8-C10 (w)	µg/l	NV	-	10	1	9.00	0	<5	<5	9	<5	<5	<5	<5	<5		<5	<5	
Aro >C10-C12 (w)	µg/l	NV	-	10	1	20.00	0	<5	<5	20	<5	<5	<5	<5	<5		<5	<5	
Aro >C12-C16 (w)	µg/l	NV	-	10	1	30.00	0	<5	<5	30	<5	<5	<5	<5	<5		<5	<5	
Aro >C16-C21 (w)	µg/l	NV	-	10	2	89.00	0	<5	<5	29	<5	<5	<5	89	<5		<5	<5	
Aro >C21-C35 (w)	µg/l	NV	-	10	1	109.00	0	<10	<10	<10	<10	<10	<10	109	<10		<10	<10	
Total Aromatics (w)	µg/l	NV	-	10	2	213.00	0	<10	<10	88	<10	<10	<10	213	<10		<10	<10	
TPH (Ali & Aro >C5-C35) (w)	µg/l	NV	-	10	2	8120.00	0	<10	<10	88	<10	<10	<10	8120	<10		<10	<10	
MTBE (w)	µg/l	260	PNEC (EU REACH) - Coastal	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
SVOC+TIC (excluding PAH-16) (w)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,4,5-Trichlorophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4,6-Trichlorophenol (w)	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4-Dichlorophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4-Dimethylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4-Dinitrotoluene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,6-Dinitrotoluene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Chloronaphthalene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Chlorophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Methylnaphthalene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Methylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Nitrophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
4-Bromophenyl phenyl ether	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
4-Chloro-3-methylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-chloroisopropyl)ether	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
3+4-Methylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
4-Nitrophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-chloroethyl)ether	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-chloroethoxy)methane	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-ethylhexyl)phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<10	<10			<10	<10						
Butylbenzyl phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Carbazole	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Dibenzofuran	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
n-Dibutylphthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
n-Dioctylphthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<10	<10			<10	<10						
n-Nitroso-n-dipropylamine	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Diethyl phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Dimethyl phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Hexachlorobenzene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Pentachlorophenol (SVOC)	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Phenol	µg/l	ALL <LOD	-	4	0	0.00	0	<11	<11			<11	<11						
Hexachloroethane	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Nitrobenzene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Isophorone	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Hexachlorocyclopentadiene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Perylene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						

NV - No EC Value available
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ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to surface water

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2	
Depth to Bottom												
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW

Determinand	Units	Drinking water standard EC	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
pH (w)	pH	-		10	10	7.50	0	7.15	7.1	7.14	6.9	7.01	7.04	7.11	7.17		7.5	6.99	
pH BRE (w)	pH	-		4	4	7.14	0		7.1	7.14			7.04	7.11					
Alkalinity by titration (total) (pH 4.5) (w)	mg/l Ca CO3	NR		10	10	880.00	0	440	470	685	455	450	880	560	670		410	360	
Alkalinity by titration (carbonate) (w)	mg/l Ca CO3	NR		10	0	0.00	0	<15	<15	<15	<15	<15	<15	<15	<15		<15	<15	
Hardness Total	mg/l Ca CO3	NR		10	10	7210.00	0	3760	369	303	2280	1182	7210	713	154		4580	462	
Total Suspended Solids (w)	mg/l	NR		10	8	319.00	0	319	112	67	317	42	90	34	27		<10	<10	
Ammoniacal nitrogen as N (w)	mg/l	0.5	WS Regs 2016 (Eng/Wal) (Ammonium as NH4)	10	10	14.10	3	7.63	0.18	0.03	0.17	0.09	14.1	0.07	0.02		3.24	0.05	
AECOM calc - Ammonia as NH3	mg/l	1.5	WHO 2017 - Odour	10	10	17.12	3	9.265	0.219	0.036	0.206	0.109	17.121	0.085	0.024		3.934	0.061	
AECOM calc - Ammonium as NH4	mg/l	0.5	WS Regs 2016 (Eng/Wal) (Ammonium as NH4)	10	10	18.13	3	9.810	0.231	0.039	0.219	0.116	18.129	0.090	0.026		4.166	0.064	
Chloride (w)	mg/l	250	WS Regs 2016 (Eng/Wal)	10	10	17900.00	6	11200	97	149	6060	2230	17900	889	146		15400	81	
Nitrite (w)	mg/l	0.5	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	
Nitrate (w)	mg/l	50	WS Regs 2016 (Eng/Wal)	10	3	<0.005	0	<0.1	2.1	1.1	0.3	<0.1	<0.1	<0.1	<0.1		<0.1	<0.1	
Sulphate (w)	mg/l	250	WS Regs 2016 (Eng/Wal)	10	10	<0.005	5	1490	23	82	705	311	2710	213	89		1850	54	
Sulphate BRE (w)	mg/l	250	WS Regs 2016 (Eng/Wal)	4	4	<0.01	1		23	82			2705	213					
Cyanide (free) (w)	mg/l	0.005	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	<0.005	
Cyanide (total) (w)	mg/l	0.005	WS Regs 2016 (Eng/Wal)	10	1	0.01	0	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005		<0.005	0.005	
Phenols - Total by HPLC (w)	mg/l	5800	USEPA RSL (tapwater) [May 2020]	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
DOC (w)	mg/l	NR	-	10	10	11.10	0	5.5	1.5	2.6	3.6	2.4	11.1	4	4.4		9.3	1.8	
Antimony (dissolved)	µg/l	5	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<20	<1	<1	<1	<5	<20	<1	<1		<20	<1	
Arsenic (dissolved)	µg/l	10	WS Regs 2016 (Eng/Wal)	10	3	10.00	0	<20	10	<1	<10	<5	<20	2	<1		<20	1	
Boron (dissolved)	µg/l	1000	WS Regs 2016 (Eng/Wal)	10	10	<1	3	3430	114	476	884	307	3770	586	448		4480	135	
Barium (dissolved)	µg/l	1300	WHO DWG 2017	10	10	351.00	0	331	34	76	165	174	351	116	65		138	65	
Beryllium (dissolved)	µg/l	12	WHO DWG 2017	10	0	0.00	0	<20	<1	<1	<10	<5	<20	<1	<1		<20	<1	
Cadmium (dissolved)	µg/l	5	WS Regs 2016 (Eng/Wal)	10	0	<0.05	0	<4.0	<0.2	<0.2	<2.0	<1.0	<4.0	<0.2	<0.2		<4.0	<0.2	
Copper (dissolved)	µg/l	2000	WS Regs 2016 (Eng/Wal)	10	2	2.00	0	<20	2	<1	<10	<5	<20	<1	2		<20	<1	
Chromium (dissolved)	µg/l	50	WS Regs 2016 (Eng/Wal)	10	1	8.00	0	<20	<1	<1	<10	<5	<20	<1	8		<20	<1	
Chromium (hexavalent) (w)	mg/l	50	WS Regs 2016 (Eng/Wal)	10	0	<0.1	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Lead (dissolved)	µg/l	10	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<20	<1	<1	<10	<5	<20	<1	<1		<20	<1	
Magnesium (dissolved)	mg/l	NV		10	10	1300.00	0	674	10	21	285	98	1300	70	20		863	23	
Mercury (dissolved)	µg/l	1	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<2.0	<0.1	<0.1	<2.0	<0.5	<2.0	<0.1	<0.1		<2.0	<0.1	
Molybdenum (dissolved)	µg/l	70	WHO DWG 2017	10	1	0.80	0	<10.0	<0.5	<0.5	<5.0	<2.5	<10.0	0.8	<0.5		<10.0	<0.5	
Nickel (dissolved)	µg/l	20	WS Regs 2016 (Eng/Wal)	10	7	10.00	0	<20	7	3	10	6	<20	6	2		<20	3	
Potassium (dissolved)	mg/l	NV		10	7	315.00	0	233	<1	<1	21	5	315	10	<1		287	1	
Selenium (dissolved)	µg/l	10	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<20	<1	<1	<10	<5	<20	<1	<1		<20	<1	
Sodium (dissolved)	mg/l	200	WS Regs 2016 (Eng/Wal)	10	10	10500.00	8	6880	79	285	2680	983	10500	491	282		7710	43	
Zinc (dissolved)	µg/l	6000	USEPA RSL (tapwater) [May 2020]	10	8	27.00	0	21	10	4	27	10	<20	8	<1		23	2	
BTEX (w)																			
BTEX - Benzene (w)	µg/l	1	WS Regs 2016 (Eng/Wal)	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BTEX - Toluene (w)	µg/l	700	WHO DWG 2017	11	2	15.00	0	<1	<1	<1	<1	<1	7	15	<1	<1	<1	<1	<1
BTEX - Ethyl Benzene (w)	µg/l	300	WHO DWG 2017	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BTEX - m & p Xylene (w)	µg/l	190	USEPA RSL (tapwater) [May 2020]	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
BTEX - o Xylene (w)	µg/l	190	USEPA RSL (tapwater) [May 2020]	11	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
PAH 16MS (w)																			
Acenaphthene (w)	µg/l	18	AECOM DWG (WHO method)	10	4	0.30	0	0.02	<0.01	0.01	<0.01	<0.01	0.3	0.01	<0.01		<0.01	<0.01	
Acenaphthylene (w)	µg/l	18	AECOM DWG (WHO method)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Anthracene (w)	µg/l	90	AECOM DWG (WHO method)	10	1	0.01	0	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(a)anthracene (w)	µg/l	3.5	AECOM DWG (WHO method)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(a)pyrene (w)	µg/l	0.01	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(b)fluoranthene (w)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(ghi)perylene (w)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Benzo(k)fluoranthene (w)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Chrysene (w)	µg/l	7	AECOM DWG (WHO method)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Dibenzo(ah)anthracene (w)	µg/l	0.07	AECOM DWG (WHO method)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Fluoranthene (w)	µg/l	4	WHO DWG 2017	10	1	0.02	0	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01		<0.01	<0.01	
Fluorene (w)	µg/l	12	AECOM DWG (WHO method)	10	2	0.12	0	0.01	<0.01	<0.01	<0.01	<0.01	0.12	<0.01	<0.01		<0.01	<0.01	
Indeno(123-cd)pyrene (w)	µg/l	0.1	WS Regs 2016 (Eng/Wal)	10	0	0.00	0	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		<0.01	<0.01	
Naphthalene (w)	µg/l	6	AECOM DWG (WHO method)	10	6	0.57	0	0.04	0.01	0.02	<0.01	0.02	0.36	0.57	<0.01		<0.01	<0.01	
Phenanthrene (w)	µg/l	4	AECOM DWG (WHO method)	10	2	0.10	0	0.03	<0.01	<0.01	<0.01	<0.01	0.1	<0.01	<0.01		<0.01	<0.01	
Pyrene (w)	µg/l	9	AECOM DWG (WHO method)	10	2	0.03	0	<0.01	0.01	<0.01	<0.01	<0.01	0.03	<0.01	<0.01		<0.01	<0.01	

NV - No EC Value available
NR - Not relevant for controlled waters assessment
ALL < LOD - All samples tested less than limit of detection. Considered no risk posed to surface water

Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2	
Depth to Bottom												
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW
	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
	0.1	0.02	0.03	<0.01	0.02	0.94	0.58	<0.01		<0.01	<0.01	
Total PAH 16MS (w)	µg/l	NV	-									
Speciated PCB-EC7 & WHO12 (w)		-	-									
PCB BZ 28 (w)	µg/l	ALL <LOD	-									
PCB BZ 52 (w)	µg/l	ALL <LOD	-									
PCB BZ 81 (w)	µg/l	ALL <LOD	-									
PCB BZ 101 (w)	µg/l	ALL <LOD	-									
PCB BZ 105 (w)	µg/l	ALL <LOD	-									
PCB BZ 114 (w)	µg/l	ALL <LOD	-									
PCB BZ 118 (w)	µg/l	ALL <LOD	-									
PCB BZ 123 (w)	µg/l	ALL <LOD	-									
PCB BZ 126 (w)	µg/l	ALL <LOD	-									
PCB BZ 138 (w)	µg/l	ALL <LOD	-									
PCB BZ 153 (w)	µg/l	ALL <LOD	-									
PCB BZ 156 (w)	µg/l	ALL <LOD	-									
PCB BZ 157 (w)	µg/l	ALL <LOD	-									
PCB BZ 167 (w)	µg/l	ALL <LOD	-									
PCB BZ 169 (w)	µg/l	ALL <LOD	-									
PCB BZ 180 (w)	µg/l	ALL <LOD	-									
PCB BZ 189 (w)	µg/l	ALL <LOD	-									
PCB BZ 77 (w)	µg/l	ALL <LOD	-									
Total Speciated PCB-EC7 & WHO12 (w)	µg/l	ALL <LOD	-									
VOC (w)		-	-									
Dichlorodifluoromethane	µg/l	ALL <LOD	-									
Chloromethane	µg/l	ALL <LOD	-									
Vinyl Chloride	µg/l	ALL <LOD	-									
Bromomethane	µg/l	ALL <LOD	-									
Chloroethane	µg/l	ALL <LOD	-									
Trichlorofluoromethane	µg/l	ALL <LOD	-									
trans 1,2-Dichloroethene	µg/l	ALL <LOD	-									
Dichloromethane	µg/l	ALL <LOD	-									
Carbon Disulphide	µg/l	ALL <LOD	-									
1,1-Dichloroethene	µg/l	ALL <LOD	-									
1,1-Dichloroethane	µg/l	ALL <LOD	-									
cis 1,2-Dichloroethene	µg/l	ALL <LOD	-									
Bromochloromethane	µg/l	ALL <LOD	-									
Chloroform	µg/l	ALL <LOD	-									
2,2-Dichloropropane	µg/l	ALL <LOD	-									
1,2-Dichloroethane	µg/l	ALL <LOD	-									
1,1,1-Trichloroethane	µg/l	ALL <LOD	-									
1,1-Dichloropropene	µg/l	ALL <LOD	-									
Benzene	µg/l	ALL <LOD	-									
Carbon Tetrachloride	µg/l	ALL <LOD	-									
Dibromomethane	µg/l	ALL <LOD	-									
1,2-Dichloropropane	µg/l	ALL <LOD	-									
Bromodichloromethane	µg/l	ALL <LOD	-									
Trichloroethene	µg/l	ALL <LOD	-									
cis 1,3-Dichloropropene	µg/l	ALL <LOD	-									
trans 1,3-Dichloropropene	µg/l	ALL <LOD	-									
1,1,2-Trichloroethane	µg/l	ALL <LOD	-									
Toluene	µg/l	700	WHO DWG 2017									
1,3-Dichloropropane	µg/l	ALL <LOD	-									
Dibromochloromethane	µg/l	ALL <LOD	-									
1,2-Dibromoethane	µg/l	ALL <LOD	-									
Tetrachloroethene	µg/l	ALL <LOD	-									
1,1,1,2-Tetrachloroethane	µg/l	ALL <LOD	-									
Chlorobenzene	µg/l	ALL <LOD	-									
Ethylbenzene	µg/l	ALL <LOD	-									
m & p Xylene	µg/l	ALL <LOD	-									
Bromoform	µg/l	ALL <LOD	-									
Styrene	µg/l	ALL <LOD	-									
1,1,2,2-Tetrachloroethane	µg/l	ALL <LOD	-									

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Exceedance

MG	Made Ground
BD	Beach Deposits
ALL	Alluvium
CHALK	Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2	
Depth to Bottom												
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW

Determinand	Units	Drinking water standard EC	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
o-Xylene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2,3-Trichloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Isopropylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
Bromobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
2-Chlorotoluene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
n-propylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
4-Chlorotoluene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2,4-Trimethylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
4-Isopropyltoluene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,3,5-Trimethylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2-Dichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,4-Dichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
sec-Butylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
tert-Butylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<2	<2			<2	<2			<2			
1,3-Dichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
n-butylbenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
1,2-Dibromo-3-chloropropane	µg/l	ALL <LOD	-	5	0	0.00	0	<2	<2			<2	<2			<2			
1,2,4-Trichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<3	<3			<3	<3			<3			
1,2,3-Trichlorobenzene	µg/l	ALL <LOD	-	5	0	0.00	0	<3	<3			<3	<3			<3			
Hexachlorobutadiene	µg/l	ALL <LOD	-	5	0	0.00	0	<1	<1			<1	<1			<1			
TPH CWG (w)				0	0	0.00	0												
Ali >C5-C6 (w)	µg/l	15000	WHO Petroleum DWG 2008	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
Ali >C6-C8 (w)	µg/l	15000	WHO Petroleum DWG 2008	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
Ali >C8-C10 (w)	µg/l	300	WHO Petroleum DWG 2008	10	0	0.00	0	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	
Ali >C10-C12 (w)	µg/l	300	WHO Petroleum DWG 2008	10	0	0.00	0	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	
Ali >C12-C16 (w)	µg/l	300	WHO Petroleum DWG 2008	10	0	0.00	0	<5	<5	<5	<5	<5	<5	<5	<5		<5	<5	
Ali >C16-C21 (w)	µg/l	300	WHO Petroleum DWG 2008	10	1	241.00	0	<5	<5	<5	<5	<5	<5	241	<5		<5	<5	
Ali >C21-C35 (w)	µg/l	300	WHO Petroleum DWG 2008	10	4	7667.00	1	<5	<5	<5	<5	6	<5	7667	7		7	<5	
Total Aliphatics (w)	µg/l	NV	-	10	4	7910.00	0	<5	<5	<5	<5	6	<5	7910	7		7	<5	
Aro >C5-C7 (w)	µg/l	1	WS Regs 2016 (Eng/Wal) (benzene)	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
Aro >C7-C8 (w)	µg/l	700	WHO Petroleum DWG 2008	10	2	15.00	0	<1	<1	<1	<1	<1	7	15	<1		<1	<1	
Aro >C8-C10 (w)	µg/l	300	WHO Petroleum DWG 2008	10	1	9.00	0	<5	<5	9	<5	<5	<5	<5	<5		<5	<5	
Aro >C10-C12 (w)	µg/l	90	WHO Petroleum DWG 2008	10	1	20.00	0	<5	<5	20	<5	<5	<5	<5	<5		<5	<5	
Aro >C12-C16 (w)	µg/l	90	WHO Petroleum DWG 2008	10	1	30.00	0	<5	<5	30	<5	<5	<5	<5	<5		<5	<5	
Aro >C16-C21 (w)	µg/l	90	WHO Petroleum DWG 2008	10	2	89.00	0	<5	<5	29	<5	<5	<5	89	<5		<5	<5	
Aro >C21-C35 (w)	µg/l	90	WHO Petroleum DWG 2008	10	1	109.00	1	<10	<10	<10	<10	<10	<10	109	<10		<10	<10	
Total Aromatics (w)	µg/l	NV	-	10	2	213.00	0	<10	<10	88	<10	<10	<10	213	<10		<10	<10	
TPH (Ali & Aro >C5-C35) (w)	µg/l	NV	-	10	2	8120.00	0	<10	<10	88	<10	<10	<10	8120	<10		<10	<10	
MTBE (w)	µg/l	1800	AECOM DWG (WHO method)	10	0	0.00	0	<1	<1	<1	<1	<1	<1	<1	<1		<1	<1	
SVOC+TIC (excluding PAH-16) (w)		-	-																
2,4,5-Trichlorophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4,6-Trichlorophenol (w)	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4-Dichlorophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4-Dimethylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,4-Dinitrotoluene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2,6-Dinitrotoluene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Chloronaphthalene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Chlorophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Methylnaphthalene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Methylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
2-Nitrophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
4-Bromophenyl phenyl ether	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
4-Chloro-3-methylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-chloroisopropyl)ether	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
3+4-Methylphenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
4-Nitrophenol	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-chloroethyl)ether	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-chloroethoxy)methane	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Bis(2-ethylhexyl)phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<10	<10			<10	<10						
Butylbenzyl phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Carbazole	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						

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Exceedance

MG

BD

ALL

CHALK

Made Ground

Beach Deposits

Alluvium

Chalk (Bedrock)

Client Sample ID	BH104	DS107	DS106	BH105	BH101	DS103	DS104	DS106 duplicate	DS106 QC1	BH03	DS105(S)	QC1							
Depth to Top	2.72	2.03	1.62	1.425	2.62	2.27	2.38			3.01	1.2								
Depth to Bottom																			
Date Sampled	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	18-Oct-21	14-Oct-21	25-Oct-21	25-Oct-21							
Sample Type	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW	Water - EW							
Determinand	Units	Drinking water standard EC	Source	Total number of tests	Total number of tests greater than LOD	Maximum concentration	Number of exceedances greater than Soil Screening Value	CHALK (7-10 mbgl)	ALL (1.5-5 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (6-9 mbgl)	CHALK (11-14 mbgl)	ALL (1-3 mbgl)	ALL (1-3 mbgl)	ALL (1.6-3.6 mbgl)	ALL (1.6-3.6 mbgl)	CHALK (2-10 mbgl)	ALL (1.5-2.5 mbgl)	NA
Dibenzofuran	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
n-Dibutylphthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
n-Dioctylphthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<10	<10			<10	<10						
n-Nitroso-n-dipropylamine	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Diethyl phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Dimethyl phthalate	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Hexachlorobenzene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Pentachlorophenol (SVOC)	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Phenol	µg/l	ALL <LOD	-	4	0	0.00	0	<11	<11			<11	<11						
Hexachloroethane	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Nitrobenzene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Isophorone	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Hexachlorocyclopentadiene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						
Perylene	µg/l	ALL <LOD	-	4	0	0.00	0	<1	<1			<1	<1						

Appendix G Hazard Waste Assessment Tables

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)



QAZOP-Q9YNI-OR9MY

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

Job name

60656877 Langstone GI

Description/Comments

Project

60656877

Site

Langstone

Classified by

Name: **Robert Eaton**
 Date: **14 Dec 2021 10:31 GMT**
 Telephone: **0161 6877254**

Company: **AECOM**
6th Floor 1 New York Street
Manchester
M1 4HD

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:

CERTIFIED

Course

Hazardous Waste Classification

Date

22 Apr 2021

Next 3 year Refresher due by Apr 2024

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	BH101 0.2 MG	0.2	Non Hazardous		3
2	BH101 0.4 MG	0.4	Non Hazardous		9
3	BH101 2.7 CHALK	2.7	Non Hazardous		11
4	BH102 0.5 ALLUVIUM	0.5	Non Hazardous		13
5	BH102 1.8 CHALK	1.8	Non Hazardous		16
6	BH103 0.5 ALLUVIUM	0.5	Non Hazardous		18
7	BH103 2.6 CHALK	2.6	Non Hazardous		20
8	BH104 0.2 MG	0.2	Non Hazardous		22
9	BH104 1 MG	1	Hazardous	HP 8	25
10	BH104 2.8 ALLUVIUM	2.8	Non Hazardous		31
11	BH104 4.9 CHALK	4.9	Non Hazardous		36
12	BH105 0.4 MG	0.4	Non Hazardous		38
13	BH105 1 ALLUVIUM	1	Non Hazardous		44
14	BH105 6.2 CHALK	6.2	Non Hazardous		46
15	BH106 0.2 BEACH DEPOSITS	0.2	Non Hazardous		48
16	BH106 1.5 CHALK	1.5	Non Hazardous		51
17	DS101 0.5 MG	0.5	Non Hazardous		53
18	DS101 1.7 ALLUVIUM	1.7	Non Hazardous		56
19	DS102 1 ALLUVIUM	1	Non Hazardous		59
20	DS103 0.55 ALLUVIUM	0.55	Non Hazardous		61
21	DS104 0.5 ALLUVIUM	0.5	Non Hazardous		63
22	DS105 1.4 ALLUVIUM	1.4	Non Hazardous		66
23	DS105 3.3 CHALK	3.3	Non Hazardous		70
24	DS106 0.5 MG	0.5	Non Hazardous		72
25	DS106 1 ALLUVIUM	1	Non Hazardous		74
26	DS107 0.5 MG	0.5	Non Hazardous		77
27	DS109 0.6 MG	0.6	Non Hazardous		80
28	DS109 1 MG	1	Non Hazardous		83
29	HDTP103 0.2 BEACH DEPOSITS	0.2	Non Hazardous		85

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
30	HDTP104 0.2 BEACH DEPOSITS	0.2	Non Hazardous		87
31	HDTP105 0.2 BEACH DEPOSITS	0.2	Non Hazardous		92
32	HDTP107 0.2 MG	0.2	Non Hazardous		94
33	HDTP108 0.5 MG	0.5	Non Hazardous		100
34	HDTP109 1 ALLUVIUM	1	Non Hazardous		106
35	HDTP110 0.5 MG	0.5	Non Hazardous		108
36	HDTP111 0.5 MG	0.5	Non Hazardous		114
37	MDTP101 0.5 MG	0.5	Non Hazardous		120
38	MDTP102 1 MG	1	Non Hazardous		124
39	MDTP103 0.2 MG	0.2	Non Hazardous		128
40	MDTP103 1 MG	1	Non Hazardous		130
41	AVERAGE		Non Hazardous		132

Related documents

#	Name	Description
1	AECOM Langstone GI	waste stream template used to create this Job

Report

Created by: Robert Eaton

Created date: 14 Dec 2021 10:31 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	138
Appendix B: Rationale for selection of metal species	142
Appendix C: Version	142

Classification of sample: BH101 0.2 MG

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

Sample details

Sample name:	LoW Code:
BH101 0.2 MG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.18	pH		7.18	pH	7.18 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
3	phenol				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				3	mg/kg	1.895	5.684	mg/kg	0.000568 %		
	033-005-00-1											
5	barium { barium sulphide }				62	mg/kg	1.233	76.477	mg/kg	0.00765 %		
	016-002-00-X	244-214-4	21109-95-5									
6	beryllium { beryllium chloride }				0.9	mg/kg	8.868	7.981	mg/kg	0.000798 %		
			7787-47-5									
7	boron { boron tribromide }				<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
8	cadmium { cadmium sulfate }				1.1	mg/kg	1.855	2.04	mg/kg	0.000204 %		
	048-009-00-9	233-331-6	10124-36-4									
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				26	mg/kg	1.462	38	mg/kg	0.0038 %		
		215-160-9	1308-38-9									
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
11	copper { copper sulphate pentahydrate }				21	mg/kg	3.929	82.51	mg/kg	0.00825 %		
	029-023-00-4	231-847-6	7758-99-8									
12	lead { lead chromate }			1	136	mg/kg	1.56	212.135	mg/kg	0.0136 %		
	082-004-00-2	231-846-0	7758-97-6									
13	nickel { nickel diiodide }				18	mg/kg	5.324	95.837	mg/kg	0.00958 %		
	028-029-00-4	236-666-6	13462-90-3									
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
	023-001-00-8	215-239-8	1314-62-1									
16	zinc { zinc chromate }				49	mg/kg	2.774	135.933	mg/kg	0.0136 %		
	024-007-00-3	236-878-9	13530-65-9									
17	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									
18	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
19	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									
20	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
21	phenanthrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		201-581-5	85-01-8									
22	anthracene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		204-371-1	120-12-7									
23	fluoranthene				0.18	mg/kg		0.18	mg/kg	0.000018 %		
		205-912-4	206-44-0									
24	pyrene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
		204-927-3	129-00-0									
25	benzo[a]anthracene				0.08	mg/kg		0.08	mg/kg	0.000008 %		
	601-033-00-9	200-280-6	56-55-3									
26	chrysene				0.12	mg/kg		0.12	mg/kg	0.000012 %		
	601-048-00-0	205-923-4	218-01-9									
27	benzo[k]fluoranthene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<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 %		
	601-032-00-3	200-028-5	50-32-8									
29	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
30	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
31	indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		205-893-2	193-39-5									
32	benzo[b]fluoranthene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
	601-034-00-4	205-911-9	205-99-2									
33	TPH (C6 to C40) petroleum group				3	mg/kg		3	mg/kg	0.0003 %		
			TPH									
34	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
38	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
39	4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
40	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
41	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
42	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
43	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
44	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
45	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
46	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
47	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
48	bis(2-chloroethyl) ether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
49	4-nitrophenol; p-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
50	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
51	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
52	2-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-857-5	88-75-5							
53	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
54	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
55	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
56	2,4-dichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
57	2,4,6-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
58	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
59	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
60	2-Methylnaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			91-57-6							
61	pentachlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	nitrosodipropylamine				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
63	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
64	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							

#	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							
65	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	chloromethane; methyl chloride	602-001-00-7	200-817-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	vinyl chloride; chloroethylene	602-023-00-7	200-831-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	bromoethane; ethyl bromide	602-055-00-1	200-825-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
71	chloroethane	602-009-00-0	200-830-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
72	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	carbon disulphide	006-003-00-3	200-843-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	dichloromethane; methylene chloride	602-004-00-3	200-838-9		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
76	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	1,1-dichloroethane	602-011-00-1	200-863-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	2,2-dichloropropane	209-832-0	594-20-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
80	chloroform; trichloromethane	602-006-00-4	200-663-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	1,1-dichloropropene	602-031-00-0	209-253-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
85	trichloroethylene; trichloroethene	602-027-00-9	201-167-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
86	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	dibromomethane	602-003-00-8	200-824-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromodichloromethane	200-856-7	75-27-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,2-trichloroethane	602-014-00-8	201-166-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,3-dichloropropane	205-531-3	142-28-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	tetrachloroethylene	602-028-00-4	204-825-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number								
93	●	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD	
		204-704-0	124-48-1									
94		1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-010-00-6	203-444-5	106-93-4								
95		chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-033-00-1	203-628-5	108-90-7								
96	●	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		211-135-1	630-20-6									
97		styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-026-00-0	202-851-5	100-42-5								
98		bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-007-00-X	200-854-6	75-25-2								
99		1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-015-00-3	201-197-8	79-34-5								
100		1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-062-00-X	202-486-1	96-18-4								
101		bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-060-00-9	203-623-8	108-86-1								
102		cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
103		mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-025-00-5	203-604-4	108-67-8								
104		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
105	●	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		202-632-4	98-06-6									
106		1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		601-043-00-3	202-436-9	95-63-6								
107	●	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		205-227-0	135-98-8									
108	●	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		202-796-7	99-87-6									
109		1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-067-00-7	208-792-1	541-73-1								
110		1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-035-00-2	203-400-5	106-46-7								
111	●	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		203-209-7	104-51-8									
112		1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		602-034-00-7	202-425-9	95-50-1								
113		1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		602-021-00-6	202-479-3	96-12-8								
114		1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD	
		602-087-00-6	204-428-0	120-82-1								
115	●	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD	
		201-765-5	87-68-3									
116	●	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD	
		201-757-1	87-61-6									
117	●	polychlorobiphenyls; PCB				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
		602-039-00-4	215-648-1	1336-36-3								
Total:									0.0684 %			

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0003%)

Classification of sample: BH101 0.4 MG

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

Sample details

Sample name:	LoW Code:
BH101 0.4 MG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.4 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.37	pH		8.37	pH	8.37 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				86	mg/kg	1.233	106.08	mg/kg	0.0106 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.5	mg/kg	8.868	4.434	mg/kg	0.000443 %		
			7787-47-5									
5	boron { boron tribromide }				<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				11	mg/kg	3.929	43.22	mg/kg	0.00432 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	21	mg/kg	1.56	32.756	mg/kg	0.0021 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				21	mg/kg	5.324	111.81	mg/kg	0.0112 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				31	mg/kg	1.785	55.341	mg/kg	0.00553 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				36	mg/kg	2.774	99.869	mg/kg	0.00999 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0509 %		

Key

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

Classification of sample: BH101 2.7 CHALK

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

Sample details

Sample name:	LoW Code:
BH101 2.7 CHALK	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.7 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			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				8.65	pH		8.65	pH	8.65 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				32	mg/kg	1.233	39.472	mg/kg	0.00395 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				7	mg/kg	3.929	27.503	mg/kg	0.00275 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	5	mg/kg	1.56	7.799	mg/kg	0.0005 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				11	mg/kg	5.324	58.567	mg/kg	0.00586 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				27	mg/kg	2.774	74.902	mg/kg	0.00749 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: BH102 0.5 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
BH102 0.5 ALLUVIUM	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	Entry:

Hazard properties

None identified

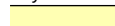
Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.4	pH		8.4	pH	8.4 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
3	phenol				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				3	mg/kg	1.895	5.684	mg/kg	0.000568 %		
	033-005-00-1											
5	barium { barium sulphide }				33	mg/kg	1.233	40.705	mg/kg	0.00407 %		
	016-002-00-X	244-214-4	21109-95-5									
6	beryllium { beryllium chloride }				0.9	mg/kg	8.868	7.981	mg/kg	0.000798 %		
			7787-47-5									
7	boron { boron tribromide }				5	mg/kg	23.173	115.865	mg/kg	0.0116 %		
	005-003-00-0	233-657-9	10294-33-4									
8	cadmium { cadmium sulfate }				1	mg/kg	1.855	1.855	mg/kg	0.000185 %		
	048-009-00-9	233-331-6	10124-36-4									
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				26	mg/kg	1.462	38	mg/kg	0.0038 %		
		215-160-9	1308-38-9									
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
11	copper { copper sulphate pentahydrate }				11	mg/kg	3.929	43.22	mg/kg	0.00432 %		
	029-023-00-4	231-847-6	7758-99-8									
12	lead { lead chromate }			1	20	mg/kg	1.56	31.196	mg/kg	0.002 %		
	082-004-00-2	231-846-0	7758-97-6									
13	nickel { nickel diiodide }				25	mg/kg	5.324	133.108	mg/kg	0.0133 %		
	028-029-00-4	236-666-6	13462-90-3									
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
15	vanadium { divanadium pentaoxide ; vanadium pentoxide }				37	mg/kg	1.785	66.052	mg/kg	0.00661 %		
	023-001-00-8	215-239-8	1314-62-1									
16	zinc { zinc chromate }				46	mg/kg	2.774	127.611	mg/kg	0.0128 %		
	024-007-00-3	236-878-9	13530-65-9									
17	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				0.09	mg/kg		0.09	mg/kg	0.000009 %		
		201-581-5	85-01-8									
21	anthracene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
		204-371-1	120-12-7									
22	fluoranthene				0.29	mg/kg		0.29	mg/kg	0.000029 %		
		205-912-4	206-44-0									
23	pyrene				0.26	mg/kg		0.26	mg/kg	0.000026 %		
		204-927-3	129-00-0									
24	benzo[a]anthracene				0.13	mg/kg		0.13	mg/kg	0.000013 %		
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
	601-048-00-0	205-923-4	218-01-9									
26	benzo[k]fluoranthene				0.1	mg/kg		0.1	mg/kg	0.00001 %		
	601-036-00-5	205-916-6	207-08-9									
27	benzo[a]pyrene; benzo[def]chrysene				0.15	mg/kg		0.15	mg/kg	0.000015 %		
	601-032-00-3	200-028-5	50-32-8									
28	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
29	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
30	indeno[123-cd]pyrene				0.06	mg/kg		0.06	mg/kg	0.000006 %		
		205-893-2	193-39-5									
31	benzo[b]fluoranthene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
	601-034-00-4	205-911-9	205-99-2									
32	TPH (C6 to C40) petroleum group				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			TPH									
33	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
34	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
35	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
36	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
Total:										0.0608 %		

Key

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

Classification of sample: BH102 1.8 CHALK

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

Sample details

Sample name:	LoW Code:
BH102 1.8 CHALK	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)
1.8 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.68	pH		8.68	pH	8.68 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
3	barium { barium sulphide }	016-002-00-X	244-214-4	21109-95-5	28	mg/kg	1.233	34.538	mg/kg	0.00345 %		
4	beryllium { beryllium chloride }		7787-47-5		0.6	mg/kg	8.868	5.321	mg/kg	0.000532 %		
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	3	mg/kg	23.173	69.519	mg/kg	0.00695 %		
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	0.7	mg/kg	1.855	1.298	mg/kg	0.00013 %		
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	17	mg/kg	1.462	24.846	mg/kg	0.00248 %		
8	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
9	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	7	mg/kg	3.929	27.503	mg/kg	0.00275 %		
10	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	11	mg/kg	1.56	17.158	mg/kg	0.0011 %	
11	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	14	mg/kg	5.324	74.54	mg/kg	0.00745 %		
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
14	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9	30	mg/kg	2.774	83.224	mg/kg	0.00832 %		
15	acenaphthylene		205-917-1	208-96-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	acenaphthene		201-469-6	83-32-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.06 mg/kg		0.06 mg/kg	0.000006 %		
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		0.17 mg/kg		0.17 mg/kg	0.000017 %		
21	pyrene	204-927-3	129-00-0		0.16 mg/kg		0.16 mg/kg	0.000016 %		
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.1 mg/kg		0.1 mg/kg	0.00001 %		
23	chrysene	601-048-00-0	205-923-4		0.11 mg/kg		0.11 mg/kg	0.000011 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.15 mg/kg		0.15 mg/kg	0.000015 %		
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.06 mg/kg		0.06 mg/kg	0.000006 %		
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.07 mg/kg		0.07 mg/kg	0.000007 %		
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.12 mg/kg		0.12 mg/kg	0.000012 %		
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0375 %		

Key

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

Classification of sample: BH103 0.5 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
BH103 0.5 ALLUVIUM	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.43	pH		8.43	pH	8.43 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				4	mg/kg	1.895	7.578	mg/kg	0.000758 %		
	033-005-00-1											
3	barium { barium sulphide }				41	mg/kg	1.233	50.573	mg/kg	0.00506 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				2.8	mg/kg	23.173	64.884	mg/kg	0.00649 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8	mg/kg	1.462	11.692	mg/kg	0.00117 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				33	mg/kg	3.929	129.659	mg/kg	0.013 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	267	mg/kg	1.56	416.471	mg/kg	0.0267 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				6	mg/kg	5.324	31.946	mg/kg	0.00319 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				33	mg/kg	2.774	91.547	mg/kg	0.00915 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0687 %		

Key

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

Classification of sample: BH103 2.6 CHALK

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

Sample details

Sample name:	LoW Code:
BH103 2.6 CHALK	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)
2.6 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.7	pH		8.7	pH	8.7 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				1	mg/kg	1.895	1.895	mg/kg	0.000189 %		
	033-005-00-1											
3	barium { barium sulphide }				48	mg/kg	1.233	59.208	mg/kg	0.00592 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.7	mg/kg	8.868	6.208	mg/kg	0.000621 %		
			7787-47-5									
5	boron { boron tribromide }				3.2	mg/kg	23.173	74.154	mg/kg	0.00742 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.8	mg/kg	1.855	1.484	mg/kg	0.000148 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				10	mg/kg	3.929	39.291	mg/kg	0.00393 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	9	mg/kg	1.56	14.038	mg/kg	0.0009 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				19	mg/kg	5.324	101.162	mg/kg	0.0101 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				37	mg/kg	2.774	102.643	mg/kg	0.0103 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0474 %		

Key

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

Classification of sample: BH104 0.2 MG

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

Sample details

Sample name:	LoW Code:
BH104 0.2 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.92	pH		8.92	pH	8.92 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			6	mg/kg	1.895	11.367	mg/kg	0.00114 %		
3	barium { barium sulphide }	016-002-00-X	244-214-4	21109-95-5	33	mg/kg	1.233	40.705	mg/kg	0.00407 %		
4	beryllium { beryllium chloride }		7787-47-5		<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	1.8	mg/kg	23.173	41.711	mg/kg	0.00417 %		
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	0.7	mg/kg	1.855	1.298	mg/kg	0.00013 %		
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	57	mg/kg	1.462	83.309	mg/kg	0.00833 %		
8	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
9	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	11	mg/kg	3.929	43.22	mg/kg	0.00432 %		
10	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	24	mg/kg	1.56	37.436	mg/kg	0.0024 %	
11	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	47	mg/kg	5.324	250.242	mg/kg	0.025 %		
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
14	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9	31	mg/kg	2.774	85.999	mg/kg	0.0086 %		
15	asbestos	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4	<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
			77536-68-6 77536-67-5 12001-29-5							
16	• acenaphthylene	205-917-1	208-96-8		0.08 mg/kg		0.08 mg/kg	0.000008 %		
17	• acenaphthene	201-469-6	83-32-9		0.02 mg/kg		0.02 mg/kg	0.000002 %		
18	• fluorene	201-695-5	86-73-7		0.03 mg/kg		0.03 mg/kg	0.000003 %		
19	• phenanthrene	201-581-5	85-01-8		0.41 mg/kg		0.41 mg/kg	0.000041 %		
20	• anthracene	204-371-1	120-12-7		0.18 mg/kg		0.18 mg/kg	0.000018 %		
21	• fluoranthene	205-912-4	206-44-0		1.8 mg/kg		1.8 mg/kg	0.00018 %		
22	• pyrene	204-927-3	129-00-0		1.85 mg/kg		1.85 mg/kg	0.000185 %		
23	benzo[a]anthracene	601-033-00-9	200-280-6		1.28 mg/kg		1.28 mg/kg	0.000128 %		
24	chrysene	601-048-00-0	205-923-4		1.15 mg/kg		1.15 mg/kg	0.000115 %		
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.61 mg/kg		0.61 mg/kg	0.000061 %		
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.48 mg/kg		1.48 mg/kg	0.000148 %		
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.18 mg/kg		0.18 mg/kg	0.000018 %		
28	• benzo[ghi]perylene	205-883-8	191-24-2		0.74 mg/kg		0.74 mg/kg	0.000074 %		
29	• indeno[123-cd]pyrene	205-893-2	193-39-5		0.85 mg/kg		0.85 mg/kg	0.000085 %		
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.5 mg/kg		1.5 mg/kg	0.00015 %		
31	• TPH (C6 to C40) petroleum group		TPH		133 mg/kg		133 mg/kg	0.0133 %		
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	• ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0784 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

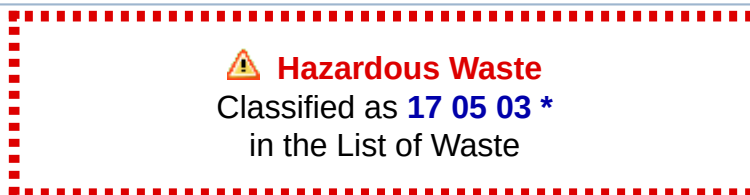
Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0133%)

Classification of sample: BH104 1 MG



Sample details

Sample name:	LoW Code:
BH104 1 MG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1 m	Entry:
	17 05 03 * (Soil and stones containing hazardous substances)

Hazard properties

HP 8: Corrosive "waste which on application can cause skin corrosion"

pH; pH "Assumed to be irritant/corrosive because of pH value"

Because of determinand:

pH: (conc.: 11.92 pH)

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				11.92 pH		11.92	pH	11.92 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	phenol				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				2 mg/kg	1.895	3.789	mg/kg	0.000379 %		
	033-005-00-1										
5	barium { barium sulphide }				76 mg/kg	1.233	93.746	mg/kg	0.00937 %		
	016-002-00-X	244-214-4	21109-95-5								
6	beryllium { beryllium chloride }				0.6 mg/kg	8.868	5.321	mg/kg	0.000532 %		
			7787-47-5								
7	boron { boron tribromide }				1.1 mg/kg	23.173	25.49	mg/kg	0.00255 %		
	005-003-00-0	233-657-9	10294-33-4								
8	cadmium { cadmium sulfate }				0.5 mg/kg	1.855	0.927	mg/kg	0.0000927 %		
	048-009-00-9	233-331-6	10124-36-4								
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				23 mg/kg	1.462	33.616	mg/kg	0.00336 %		
		215-160-9	1308-38-9								
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
11	copper { copper sulphate pentahydrate }				11 mg/kg	3.929	43.22	mg/kg	0.00432 %		
	029-023-00-4	231-847-6	7758-99-8								
12	lead { lead chromate }			1	29 mg/kg	1.56	45.235	mg/kg	0.0029 %		
	082-004-00-2	231-846-0	7758-97-6								
13	nickel { nickel diiodide }				14 mg/kg	5.324	74.54	mg/kg	0.00745 %		
	028-029-00-4	236-666-6	13462-90-3								

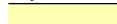
#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
	023-001-00-8	215-239-8	1314-62-1									
16	zinc { zinc chromate }				40	mg/kg	2.774	110.966	mg/kg	0.0111 %		
	024-007-00-3	236-878-9	13530-65-9									
17	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5									
18	acenaphthylene				0.11	mg/kg		0.11	mg/kg	0.000011 %		
		205-917-1	208-96-8									
19	acenaphthene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
		201-469-6	83-32-9									
20	fluorene				0.27	mg/kg		0.27	mg/kg	0.000027 %		
		201-695-5	86-73-7									
21	phenanthrene				2.02	mg/kg		2.02	mg/kg	0.000202 %		
		201-581-5	85-01-8									
22	anthracene				0.61	mg/kg		0.61	mg/kg	0.000061 %		
		204-371-1	120-12-7									
23	fluoranthene				3.93	mg/kg		3.93	mg/kg	0.000393 %		
		205-912-4	206-44-0									
24	pyrene				3.55	mg/kg		3.55	mg/kg	0.000355 %		
		204-927-3	129-00-0									
25	benzo[a]anthracene				1.9	mg/kg		1.9	mg/kg	0.00019 %		
	601-033-00-9	200-280-6	56-55-3									
26	chrysene				1.76	mg/kg		1.76	mg/kg	0.000176 %		
	601-048-00-0	205-923-4	218-01-9									
27	benzo[k]fluoranthene				0.84	mg/kg		0.84	mg/kg	0.000084 %		
	601-036-00-5	205-916-6	207-08-9									
28	benzo[a]pyrene; benzo[def]chrysene				1.89	mg/kg		1.89	mg/kg	0.000189 %		
	601-032-00-3	200-028-5	50-32-8									
29	dibenz[a,h]anthracene				0.23	mg/kg		0.23	mg/kg	0.000023 %		
	601-041-00-2	200-181-8	53-70-3									
30	benzo[ghi]perylene				0.84	mg/kg		0.84	mg/kg	0.000084 %		
		205-883-8	191-24-2									
31	indeno[123-cd]pyrene				1.03	mg/kg		1.03	mg/kg	0.000103 %		
		205-893-2	193-39-5									
32	benzo[b]fluoranthene				2.12	mg/kg		2.12	mg/kg	0.000212 %		
	601-034-00-4	205-911-9	205-99-2									
33	TPH (C6 to C40) petroleum group				217	mg/kg		217	mg/kg	0.0217 %		
			TPH									
34	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
35	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
36	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
37	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
38	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									

#	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							
39	4-bromophenylphenylether	202-952-4	101-55-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
40	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
41	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
42	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	dibenzofuran	205-071-3	132-64-9		0.154 mg/kg		0.154 mg/kg	0.0000154 %		
44	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
46	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
47	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	bis(2-chloroethyl) ether	603-029-00-2	203-870-1	111-44-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7	100-02-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6	59-50-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	2-nitrophenol	201-857-5	88-75-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	2-Methylnaphthalene		91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
64	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
65	hexachloroethane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		200-666-4	67-72-1							
66	hexachlorocyclopentadiene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
67	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
68	chloromethane; methyl chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
69	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
70	bromoethane; ethyl bromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-055-00-1	200-825-8	74-96-4							
71	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
72	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
73	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
74	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
75	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
76	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
77	1,1-dichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
78	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
79	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
80	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
81	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
82	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
83	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
84	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
85	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
86	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
87	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
88	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
89	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1]	542-75-6 [1]							
		233-195-8 [2]	10061-01-5 [2]							
90	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
91	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							

#	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							
92	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
93	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
94	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
95	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
96	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
97	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
98	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
99	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
100	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
101	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
102	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
103	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
104	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
105	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
106	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
107	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
108	4-isopropyltoluene				0.034 mg/kg		0.034 mg/kg	0.0000034 %		
		202-796-7	99-87-6							
109	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
110	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
111	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
112	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
113	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
114	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
115	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
116	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
117	polychlorobiphenyls; PCB				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
Total:								0.0715 %		

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)
	Determinand defined by classifier (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
ND	Not detected
CLP: Note 1 Only the metal concentration has been used for classification	

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

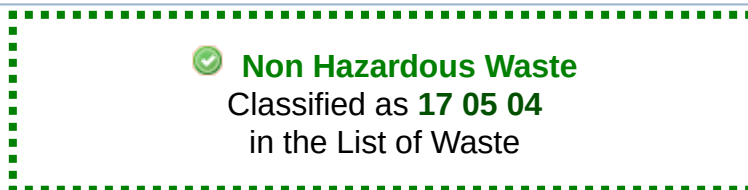
Flam. Liq. 3; H226 "Flammable liquid and vapour."

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.0217%)

4-isopropyltoluene: (conc.: 3.4e-06%)

Classification of sample: BH104 2.8 ALLUVIUM



Sample details

Sample name:	LoW Code:
BH104 2.8 ALLUVIUM	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.8 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.41	pH		9.41	pH	9.41 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1	mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5											
3	phenol				<0.2	mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				3	mg/kg	1.895	5.684	mg/kg	0.000568 %		
	033-005-00-1											
5	barium { barium sulphide }				53	mg/kg	1.233	65.375	mg/kg	0.00654 %		
	016-002-00-X	244-214-4	21109-95-5									
6	beryllium { beryllium chloride }				0.7	mg/kg	8.868	6.208	mg/kg	0.000621 %		
			7787-47-5									
7	boron { boron tribromide }				3.2	mg/kg	23.173	74.154	mg/kg	0.00742 %		
	005-003-00-0	233-657-9	10294-33-4									
8	cadmium { cadmium sulfate }				0.8	mg/kg	1.855	1.484	mg/kg	0.000148 %		
	048-009-00-9	233-331-6	10124-36-4									
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				29	mg/kg	1.462	42.385	mg/kg	0.00424 %		
		215-160-9	1308-38-9									
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
11	copper { copper sulphate pentahydrate }				7	mg/kg	3.929	27.503	mg/kg	0.00275 %		
	029-023-00-4	231-847-6	7758-99-8									
12	lead { lead chromate }			1	6	mg/kg	1.56	9.359	mg/kg	0.0006 %		
	082-004-00-2	231-846-0	7758-97-6									
13	nickel { nickel diiodide }				21	mg/kg	5.324	111.81	mg/kg	0.0112 %		
	028-029-00-4	236-666-6	13462-90-3									
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
15	vanadium { divanadium pentaoxide ; vanadium pentoxide }				24	mg/kg	1.785	42.844	mg/kg	0.00428 %		
	023-001-00-8	215-239-8	1314-62-1									
16	zinc { zinc chromate }				31	mg/kg	2.774	85.999	mg/kg	0.0086 %		
	024-007-00-3	236-878-9	13530-65-9									
17	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
21	anthracene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
		204-927-3	129-00-0									
24	benzo[a]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
26	benzo[k]fluoranthene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
27	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
28	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
29	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
30	indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-893-2	193-39-5									
31	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
32	TPH (C6 to C40) petroleum group				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			TPH									
33	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
34	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
35	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
36	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
38	4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3									
39	hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
40	diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2									
41	dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3									
42	dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9									

#	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							
43	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
46	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	2-nitrophenol	201-857-5	88-75-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	2,6-dinitrotoluene	609-049-00-8	210-106-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	2,4-dichlorophenol	604-011-00-7	204-429-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	2,4,6-trichlorophenol	604-018-00-5	201-795-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	2,4,5-trichlorophenol	604-017-00-X	202-467-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	2-Methylnaphthalene		91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	pentachlorophenol	604-002-00-8	201-778-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	nitrosodipropylamine	612-098-00-8	210-698-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	nitrobenzene	609-003-00-7	202-716-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	chloromethane; methyl chloride	602-001-00-7	200-817-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
68	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
69	bromoethane; ethyl bromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-055-00-1	200-825-8	74-96-4							
70	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
71	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
72	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
73	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
74	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
75	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
76	1,1-dichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
77	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
78	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
79	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
80	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
81	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
82	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
83	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
84	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
85	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
86	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
87	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
88	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
89	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
90	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
91	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
92	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
93	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
94	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
95	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
96	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
97	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
98	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
99	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
100	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
101	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
102	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
103	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
104	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
105	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
106	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
107	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
108	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
109	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
110	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
111	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
112	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
113	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
114	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
115	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
Total:								0.048 %		

Key

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

Classification of sample: BH104 4.9 CHALK

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

Sample details

Sample name:	LoW Code:
BH104 4.9 CHALK	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)
4.9 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.8	pH		9.8	pH	9.8 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				25	mg/kg	1.233	30.837	mg/kg	0.00308 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				2.9	mg/kg	23.173	67.202	mg/kg	0.00672 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				4	mg/kg	3.929	15.716	mg/kg	0.00157 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	4	mg/kg	1.56	6.239	mg/kg	0.0004 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				8	mg/kg	5.324	42.594	mg/kg	0.00426 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				12	mg/kg	1.785	21.422	mg/kg	0.00214 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				16	mg/kg	2.774	44.386	mg/kg	0.00444 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0256 %		

Key

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

Classification of sample: BH105 0.4 MG

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

Sample details

Sample name:	LoW Code:
BH105 0.4 MG	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)
0.4 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.03 pH		8.03	pH	8.03 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				2 mg/kg	1.895	3.789	mg/kg	0.000379 %		
	033-005-00-1										
4	barium { barium sulphide }				69 mg/kg	1.233	85.111	mg/kg	0.00851 %		
	016-002-00-X	244-214-4	21109-95-5								
5	beryllium { beryllium chloride }				1.1 mg/kg	8.868	9.755	mg/kg	0.000975 %		
			7787-47-5								
6	boron { boron tribromide }				2.9 mg/kg	23.173	67.202	mg/kg	0.00672 %		
	005-003-00-0	233-657-9	10294-33-4								
7	cadmium { cadmium sulfate }				1.1 mg/kg	1.855	2.04	mg/kg	0.000204 %		
	048-009-00-9	233-331-6	10124-36-4								
8	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				35 mg/kg	1.462	51.154	mg/kg	0.00512 %		
		215-160-9	1308-38-9								
9	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
10	copper { copper sulphate pentahydrate }				24 mg/kg	3.929	94.297	mg/kg	0.00943 %		
	029-023-00-4	231-847-6	7758-99-8								
11	lead { lead chromate }			1	19 mg/kg	1.56	29.636	mg/kg	0.0019 %		
	082-004-00-2	231-846-0	7758-97-6								
12	nickel { nickel diiodide }				26 mg/kg	5.324	138.432	mg/kg	0.0138 %		
	028-029-00-4	236-666-6	13462-90-3								
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				46 mg/kg	1.785	82.119	mg/kg	0.00821 %		
	023-001-00-8	215-239-8	1314-62-1								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
15	zinc { zinc chromate }				57 mg/kg	2.774	158.126 mg/kg	0.0158 %			
	024-007-00-3	236-878-9	13530-65-9								
16	asbestos				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	650-013-00-6	- - - - -	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
17	acenaphthylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		201-581-5	85-01-8								
21	anthracene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				<0.08 mg/kg		<0.08 mg/kg	<0.000008 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.07 mg/kg		<0.07 mg/kg	<0.000007 %			<LOD
		204-927-3	129-00-0								
24	benzo[a]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
26	benzo[k]fluoranthene				<0.07 mg/kg		<0.07 mg/kg	<0.000007 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
27	benzo[a]pyrene; benzo[def]chrysene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
28	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
29	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
30	indeno[123-cd]pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-893-2	193-39-5								
31	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
32	TPH (C6 to C40) petroleum group				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
			TPH								
33	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
34	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
35	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
36	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<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]								
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
38	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		202-952-4	101-55-3								
39	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	602-065-00-6	204-273-9	118-74-1								

#	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							
40	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
41	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
42	dibenzofuran	205-071-3	132-64-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
43	carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	BBP; benzyl butyl phthalate	201-622-7	85-68-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	204-211-0	117-81-7		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
46	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	bis(2-chloroethyl) ether	203-870-1	111-44-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-nitrophenol; p-nitrophenol	202-811-7	100-02-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	200-431-6	59-50-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	2-nitrophenol	201-857-5	88-75-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	2,6-dinitrotoluene	210-106-0	606-20-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	2,4-dinitrotoluene; [1] dinitrotoluene [2]	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	2,4-dichlorophenol	204-429-6	120-83-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	2,4,6-trichlorophenol	201-795-9	88-06-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	2,4,5-trichlorophenol	202-467-8	95-95-4		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	2-Methylnaphthalene		91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	pentachlorophenol	201-778-6	87-86-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	nitrosodipropylamine	210-698-0	621-64-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	nitrobenzene	202-716-0	98-95-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	3,5,5-trimethylcyclohex-2-enone; isophorone	201-126-0	78-59-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
65	hexachlorocyclopentadiene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
66	dichlorodifluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-893-9	75-71-8							
67	chloromethane; methyl chloride				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
68	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
69	bromoethane; ethyl bromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-055-00-1	200-825-8	74-96-4							
70	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
71	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
72	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
73	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
74	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
75	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
76	1,1-dichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
77	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
78	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
79	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
80	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
81	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
82	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
83	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
84	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
85	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
86	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
87	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
88	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
89	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
90	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
91	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
92	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							

#	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							
93	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
94	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
95	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
96	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
97	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
98	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
99	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
100	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
101	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
102	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
103	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
104	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
105	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
106	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
107	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
108	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
109	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
110	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
111	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
112	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
113	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
114	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
115	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
Total:								0.0722 %		

Key

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

Classification of sample: BH105 1 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
BH105 1 ALLUVIUM	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 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.38	pH		8.38	pH	8.38 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				3	mg/kg	1.895	5.684	mg/kg	0.000568 %		
	033-005-00-1											
3	barium { barium sulphide }				73	mg/kg	1.233	90.045	mg/kg	0.009 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.9	mg/kg	8.868	7.981	mg/kg	0.000798 %		
			7787-47-5									
5	boron { boron tribromide }				2.8	mg/kg	23.173	64.884	mg/kg	0.00649 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				1	mg/kg	1.855	1.855	mg/kg	0.000185 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28	mg/kg	1.462	40.924	mg/kg	0.00409 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				19	mg/kg	3.929	74.652	mg/kg	0.00747 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	14	mg/kg	1.56	21.837	mg/kg	0.0014 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				29	mg/kg	5.324	154.405	mg/kg	0.0154 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				35	mg/kg	1.785	62.481	mg/kg	0.00625 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				50	mg/kg	2.774	138.707	mg/kg	0.0139 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0661 %		

Key

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

Classification of sample: BH105 6.2 CHALK

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

Sample details

Sample name:	LoW Code:
BH105 6.2 CHALK	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)
6.2 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.53	pH		8.53	pH	8.53 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
3	barium { barium sulphide }	016-002-00-X	244-214-4	21109-95-5	24	mg/kg	1.233	29.604	mg/kg	0.00296 %		
4	beryllium { beryllium chloride }		7787-47-5		<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	16	mg/kg	1.462	23.385	mg/kg	0.00234 %		
8	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
9	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	5	mg/kg	3.929	19.645	mg/kg	0.00196 %		
10	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	5	mg/kg	1.56	7.799	mg/kg	0.0005 %	
11	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	11	mg/kg	5.324	58.567	mg/kg	0.00586 %		
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
14	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9	20	mg/kg	2.774	55.483	mg/kg	0.00555 %		
15	acenaphthylene		205-917-1	208-96-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	acenaphthene		201-469-6	83-32-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.025 %		

Key

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

Classification of sample: BH106 0.2 BEACH DEPOSITS

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

Sample details

Sample name:	LoW Code:
BH106 0.2 BEACH DEPOSITS	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.37 pH		8.37 pH		8.37 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				7 mg/kg	1.895	13.262 mg/kg		0.00133 %		
	033-005-00-1										
3	barium { barium sulphide }				10 mg/kg	1.233	12.335 mg/kg		0.00123 %		
	016-002-00-X	244-214-4	21109-95-5								
4	beryllium { beryllium chloride }				<0.5 mg/kg	8.868	<4.434 mg/kg		<0.000443 %		<LOD
			7787-47-5								
5	boron { boron tribromide }				3.4 mg/kg	23.173	78.788 mg/kg		0.00788 %		
	005-003-00-0	233-657-9	10294-33-4								
6	cadmium { cadmium sulfate }				<0.5 mg/kg	1.855	<0.927 mg/kg		<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4								
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19 mg/kg	1.462	27.77 mg/kg		0.00278 %		
		215-160-9	1308-38-9								
8	copper { copper sulphate pentahydrate }				4 mg/kg	3.929	15.716 mg/kg		0.00157 %		
	029-023-00-4	231-847-6	7758-99-8								
9	lead { lead chromate }			1	9 mg/kg	1.56	14.038 mg/kg		0.0009 %		
	082-004-00-2	231-846-0	7758-97-6								
10	nickel { nickel diiodide }				21 mg/kg	5.324	111.81 mg/kg		0.0112 %		
	028-029-00-4	236-666-6	13462-90-3								
11	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg		<0.000141 %		<LOD
	034-002-00-8										
12	vanadium { divanadium pentaoxide; vanadium pentoxide }				10 mg/kg	1.785	17.852 mg/kg		0.00179 %		
	023-001-00-8	215-239-8	1314-62-1								
13	zinc { zinc chromate }				19 mg/kg	2.774	52.709 mg/kg		0.00527 %		
	024-007-00-3	236-878-9	13530-65-9								
14	acenaphthylene				<0.01 mg/kg		<0.01 mg/kg		<0.000001 %		<LOD
		205-917-1	208-96-8								
15	acenaphthene				0.01 mg/kg		0.01 mg/kg		0.000001 %		
		201-469-6	83-32-9								
16	fluorene				0.02 mg/kg		0.02 mg/kg		0.000002 %		
		201-695-5	86-73-7								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	phenanthrene	201-581-5	85-01-8		0.42 mg/kg		0.42 mg/kg	0.000042 %		
18	anthracene	204-371-1	120-12-7		0.16 mg/kg		0.16 mg/kg	0.000016 %		
19	fluoranthene	205-912-4	206-44-0		1.14 mg/kg		1.14 mg/kg	0.000114 %		
20	pyrene	204-927-3	129-00-0		0.89 mg/kg		0.89 mg/kg	0.000089 %		
21	benzo[a]anthracene	200-280-6	56-55-3		0.48 mg/kg		0.48 mg/kg	0.000048 %		
22	chrysene	205-923-4	218-01-9		0.4 mg/kg		0.4 mg/kg	0.00004 %		
23	benzo[k]fluoranthene	205-916-6	207-08-9		0.19 mg/kg		0.19 mg/kg	0.000019 %		
24	benzo[a]pyrene; benzo[def]chrysene	200-028-5	50-32-8		0.36 mg/kg		0.36 mg/kg	0.000036 %		
25	dibenz[a,h]anthracene	200-181-8	53-70-3		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		0.12 mg/kg		0.12 mg/kg	0.000012 %		
27	indeno[123-cd]pyrene	205-893-2	193-39-5		0.16 mg/kg		0.16 mg/kg	0.000016 %		
28	benzo[b]fluoranthene	205-911-9	205-99-2		0.36 mg/kg		0.36 mg/kg	0.000036 %		
29	TPH (C6 to C40) petroleum group		TPH		58 mg/kg		58 mg/kg	0.0058 %		
30	benzene	200-753-7	71-43-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
31	toluene	203-625-9	108-88-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	ethylbenzene	202-849-4	100-41-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
34	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	216-653-1	1634-04-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0409 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0058%)

Classification of sample: BH106 1.5 CHALK

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

Sample details

Sample name:	LoW Code:
BH106 1.5 CHALK	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.5 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				8.64 pH		8.64 pH	8.64 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	phenol				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1 mg/kg	1.895	<1.895 mg/kg	<0.000189 %		<LOD
	033-005-00-1									
5	barium { barium sulphide }				36 mg/kg	1.233	44.406 mg/kg	0.00444 %		
	016-002-00-X	244-214-4	21109-95-5							
6	beryllium { beryllium chloride }				<0.5 mg/kg	8.868	<4.434 mg/kg	<0.000443 %		<LOD
			7787-47-5							
7	boron { boron tribromide }				2.7 mg/kg	23.173	62.567 mg/kg	0.00626 %		
	005-003-00-0	233-657-9	10294-33-4							
8	cadmium { cadmium sulfate }				0.6 mg/kg	1.855	1.113 mg/kg	0.000111 %		
	048-009-00-9	233-331-6	10124-36-4							
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12 mg/kg	1.462	17.539 mg/kg	0.00175 %		
		215-160-9	1308-38-9							
10	copper { copper sulphate pentahydrate }				5 mg/kg	3.929	19.645 mg/kg	0.00196 %		
	029-023-00-4	231-847-6	7758-99-8							
11	lead { lead chromate }			1	5 mg/kg	1.56	7.799 mg/kg	0.0005 %		
	082-004-00-2	231-846-0	7758-97-6							
12	nickel { nickel diiodide }				11 mg/kg	5.324	58.567 mg/kg	0.00586 %		
	028-029-00-4	236-666-6	13462-90-3							
13	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									
14	vanadium { divanadium pentaoxide; vanadium pentoxide }				17 mg/kg	1.785	30.348 mg/kg	0.00303 %		
	023-001-00-8	215-239-8	1314-62-1							
15	zinc { zinc chromate }				23 mg/kg	2.774	63.805 mg/kg	0.00638 %		
	024-007-00-3	236-878-9	13530-65-9							

#	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							
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0314 %		

Key

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

Classification of sample: DS101 0.5 MG

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

Sample details

Sample name:	LoW Code:
DS101 0.5 MG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.28	pH		8.28	pH	8.28 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				4	mg/kg	1.895	7.578	mg/kg	0.000758 %		
	033-005-00-1											
3	barium { barium sulphide }				120	mg/kg	1.233	148.019	mg/kg	0.0148 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				4.9	mg/kg	23.173	113.548	mg/kg	0.0114 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12	mg/kg	1.462	17.539	mg/kg	0.00175 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				22	mg/kg	3.929	86.439	mg/kg	0.00864 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	782	mg/kg	1.56	1219.775	mg/kg	0.0782 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				21	mg/kg	5.324	111.81	mg/kg	0.0112 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				17	mg/kg	1.785	30.348	mg/kg	0.00303 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				176	mg/kg	2.774	488.25	mg/kg	0.0488 %		
	024-007-00-3	236-878-9	13530-65-9									
15	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4									

#	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								
			77536-68-6 77536-67-5 12001-29-5								
16	• acenaphthylene	205-917-1	208-96-8		0.04 mg/kg		0.04 mg/kg	0.000004 %			
17	• acenaphthene	201-469-6	83-32-9		0.04 mg/kg		0.04 mg/kg	0.000004 %			
18	• fluorene	201-695-5	86-73-7		0.05 mg/kg		0.05 mg/kg	0.000005 %			
19	• phenanthrene	201-581-5	85-01-8		0.68 mg/kg		0.68 mg/kg	0.000068 %			
20	• anthracene	204-371-1	120-12-7		0.25 mg/kg		0.25 mg/kg	0.000025 %			
21	• fluoranthene	205-912-4	206-44-0		2.17 mg/kg		2.17 mg/kg	0.000217 %			
22	• pyrene	204-927-3	129-00-0		1.77 mg/kg		1.77 mg/kg	0.000177 %			
23	benzo[a]anthracene	601-033-00-9	200-280-6		1.18 mg/kg		1.18 mg/kg	0.000118 %			
24	chrysene	601-048-00-0	205-923-4		1.28 mg/kg		1.28 mg/kg	0.000128 %			
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.55 mg/kg		0.55 mg/kg	0.000055 %			
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		1.23 mg/kg		1.23 mg/kg	0.000123 %			
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.14 mg/kg		0.14 mg/kg	0.000014 %			
28	• benzo[ghi]perylene	205-883-8	191-24-2		0.59 mg/kg		0.59 mg/kg	0.000059 %			
29	• indeno[123-cd]pyrene	205-893-2	193-39-5		0.74 mg/kg		0.74 mg/kg	0.000074 %			
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		1.39 mg/kg		1.39 mg/kg	0.000139 %			
31	• TPH (C6 to C40) petroleum group		TPH		140 mg/kg		140 mg/kg	0.014 %			
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	• ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.195 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.014%)

Classification of sample: DS101 1.7 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
DS101 1.7 ALLUVIUM	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)
1.7 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.07	pH		9.07	pH	9.07 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				55	mg/kg	1.233	67.842	mg/kg	0.00678 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				3.3	mg/kg	23.173	76.471	mg/kg	0.00765 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20	mg/kg	1.462	29.231	mg/kg	0.00292 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				9	mg/kg	3.929	35.361	mg/kg	0.00354 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	15	mg/kg	1.56	23.397	mg/kg	0.0015 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				12	mg/kg	5.324	63.892	mg/kg	0.00639 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				31	mg/kg	2.774	85.999	mg/kg	0.0086 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		1 mg/kg		1 mg/kg	0.0001 %		
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0434 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0001%)

Classification of sample: DS102 1 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
DS102 1 ALLUVIUM	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
1 m	Entry:

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.98	pH		7.98	pH	7.98 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				29	mg/kg	1.233	35.771	mg/kg	0.00358 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.6	mg/kg	8.868	5.321	mg/kg	0.000532 %		
			7787-47-5									
5	boron { boron tribromide }				21.5	mg/kg	23.173	498.219	mg/kg	0.0498 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				27	mg/kg	1.462	39.462	mg/kg	0.00395 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				10	mg/kg	3.929	39.291	mg/kg	0.00393 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	17	mg/kg	1.56	26.517	mg/kg	0.0017 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				17	mg/kg	5.324	90.513	mg/kg	0.00905 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				42	mg/kg	1.785	74.978	mg/kg	0.0075 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				44	mg/kg	2.774	122.062	mg/kg	0.0122 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.093 %		

Key

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

Classification of sample: DS103 0.55 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
DS103 0.55 ALLUVIUM	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)
0.55 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.11	pH		8.11	pH	8.11 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				4	mg/kg	1.895	7.578	mg/kg	0.000758 %		
	033-005-00-1											
3	barium { barium sulphide }				31	mg/kg	1.233	38.238	mg/kg	0.00382 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				6.8	mg/kg	23.173	157.576	mg/kg	0.0158 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				12	mg/kg	3.929	47.149	mg/kg	0.00471 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	39	mg/kg	1.56	60.833	mg/kg	0.0039 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				15	mg/kg	5.324	79.865	mg/kg	0.00799 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				42	mg/kg	2.774	116.514	mg/kg	0.0117 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0575 %		

Key

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

Classification of sample: DS104 0.5 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
DS104 0.5 ALLUVIUM	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.2	pH		8.2	pH	8.2 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				61	mg/kg	1.233	75.243	mg/kg	0.00752 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.6	mg/kg	8.868	5.321	mg/kg	0.000532 %		
			7787-47-5									
5	boron { boron tribromide }				<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.7	mg/kg	1.855	1.298	mg/kg	0.00013 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				40	mg/kg	1.462	58.462	mg/kg	0.00585 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				23	mg/kg	3.929	90.368	mg/kg	0.00904 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	35	mg/kg	1.56	54.594	mg/kg	0.0035 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				34	mg/kg	5.324	181.026	mg/kg	0.0181 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				19	mg/kg	1.785	33.919	mg/kg	0.00339 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				47	mg/kg	2.774	130.385	mg/kg	0.013 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				0.02	mg/kg		0.02	mg/kg	0.000002 %		
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		0.12 mg/kg		0.12 mg/kg	0.000012 %		
19	anthracene	204-371-1	120-12-7		0.04 mg/kg		0.04 mg/kg	0.000004 %		
20	fluoranthene	205-912-4	206-44-0		0.4 mg/kg		0.4 mg/kg	0.00004 %		
21	pyrene	204-927-3	129-00-0		0.37 mg/kg		0.37 mg/kg	0.000037 %		
22	benzo[a]anthracene	601-033-00-9	200-280-6		0.25 mg/kg		0.25 mg/kg	0.000025 %		
23	chrysene	601-048-00-0	205-923-4		0.35 mg/kg		0.35 mg/kg	0.000035 %		
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.16 mg/kg		0.16 mg/kg	0.000016 %		
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.33 mg/kg		0.33 mg/kg	0.000033 %		
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		0.16 mg/kg		0.16 mg/kg	0.000016 %		
28	indeno[123-cd]pyrene	205-893-2	193-39-5		0.18 mg/kg		0.18 mg/kg	0.000018 %		
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.41 mg/kg		0.41 mg/kg	0.000041 %		
30	TPH (C6 to C40) petroleum group		TPH		38 mg/kg		38 mg/kg	0.0038 %		
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.068 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: DS105 1.4 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
DS105 1.4 ALLUVIUM	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)
1.4 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.37	pH		8.37	pH	8.37 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				7	mg/kg	1.895	13.262	mg/kg	0.00133 %		
	033-005-00-1											
3	barium { barium sulphide }				71	mg/kg	1.233	87.578	mg/kg	0.00876 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.8	mg/kg	8.868	7.094	mg/kg	0.000709 %		
			7787-47-5									
5	boron { boron tribromide }				<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				1.1	mg/kg	1.855	2.04	mg/kg	0.000204 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				14	mg/kg	3.929	55.007	mg/kg	0.0055 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	14	mg/kg	1.56	21.837	mg/kg	0.0014 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				31	mg/kg	5.324	165.053	mg/kg	0.0165 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				41	mg/kg	1.785	73.193	mg/kg	0.00732 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				41	mg/kg	2.774	113.74	mg/kg	0.0114 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4	218-01-9	<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		62 mg/kg		62 mg/kg	0.0062 %		
31	benzene	601-020-00-8	200-753-7	71-43-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9	108-88-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4	100-41-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1	1634-04-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
37	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
38	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
39	bromoethane; ethyl bromide	602-055-00-1	200-825-8	74-96-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
42	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
43	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
44	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
45	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3] 602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
46	1,1-dichloroethane 602-011-00-1	200-863-5	75-34-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
47	2,2-dichloropropane 209-832-0	594-20-7			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
48	bromochloromethane 200-826-3	74-97-5			<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
49	chloroform; trichloromethane 602-006-00-4	200-663-8	67-66-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
50	1,1,1-trichloroethane; methyl chloroform 602-013-00-2	200-756-3	71-55-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
51	1,1-dichloropropene 602-031-00-0	209-253-3	563-58-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
52	carbon tetrachloride; tetrachloromethane 602-008-00-5	200-262-8	56-23-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
53	1,2-dichloroethane; ethylene dichloride 602-012-00-7	203-458-1	107-06-2		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
54	trichloroethylene; trichloroethene 602-027-00-9	201-167-4	79-01-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
55	1,2-dichloropropane; propylene dichloride 602-020-00-0	201-152-2	78-87-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
56	dibromomethane 602-003-00-8	200-824-2	74-95-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
57	bromodichloromethane 200-856-7	75-27-4			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
58	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2] 602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
59	1,1,2-trichloroethane 602-014-00-8	201-166-9	79-00-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
60	1,3-dichloropropane 205-531-3	142-28-9			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
61	tetrachloroethylene 602-028-00-4	204-825-9	127-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
62	dibromochloromethane 204-704-0	124-48-1			<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
63	1,2-dibromoethane 602-010-00-6	203-444-5	106-93-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
64	chlorobenzene 602-033-00-1	203-628-5	108-90-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
65	1,1,1,2-tetrachloroethane 211-135-1	630-20-6			<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
66	styrene 601-026-00-0	202-851-5	100-42-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	bromoform; tribromomethane 602-007-00-X	200-854-6	75-25-2		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	1,1,2,2-tetrachloroethane 602-015-00-3	201-197-8	79-34-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
69	1,2,3-trichloropropane 602-062-00-X	202-486-1	96-18-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	bromobenzene 602-060-00-9	203-623-8	108-86-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
71	cumene; [1] propylbenzene [2] 601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used						
		EU CLP index number	EC Number	CAS Number													
72		mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		601-025-00-5	203-604-4	108-67-8													
73		2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD						
		602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]													
74	•	tert-butylbenzene										<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
			202-632-4	98-06-6													
75		1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		601-043-00-3	202-436-9	95-63-6													
76	•	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
			205-227-0	135-98-8													
77	•	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
			202-796-7	99-87-6													
78		1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		602-067-00-7	208-792-1	541-73-1													
79		1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		602-035-00-2	203-400-5	106-46-7													
80	•	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
			203-209-7	104-51-8													
81		1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
		602-034-00-7	202-425-9	95-50-1													
82		1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD						
		602-021-00-6	202-479-3	96-12-8													
83		1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD						
		602-087-00-6	204-428-0	120-82-1													
84	•	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD						
			201-765-5	87-68-3													
85	•	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD						
			201-757-1	87-61-6													
Total:									0.0664 %								

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0062%)

Classification of sample: DS105 3.3 CHALK

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

Sample details

Sample name:	LoW Code:
DS105 3.3 CHALK	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)
3.3 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.07	pH		9.07	pH	9.07 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }	033-005-00-1			<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
3	barium { barium sulphide }	016-002-00-X	244-214-4	21109-95-5	23	mg/kg	1.233	28.37	mg/kg	0.00284 %		
4	beryllium { beryllium chloride }		7787-47-5		<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
5	boron { boron tribromide }	005-003-00-0	233-657-9	10294-33-4	<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
6	cadmium { cadmium sulfate }	048-009-00-9	233-331-6	10124-36-4	<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9	28	mg/kg	1.462	40.924	mg/kg	0.00409 %		
8	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8	1333-82-0	<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
9	copper { copper sulphate pentahydrate }	029-023-00-4	231-847-6	7758-99-8	4	mg/kg	3.929	15.716	mg/kg	0.00157 %		
10	lead { lead chromate }	082-004-00-2	231-846-0	7758-97-6	1	3	mg/kg	1.56	4.679	mg/kg	0.0003 %	
11	nickel { nickel diiodide }	028-029-00-4	236-666-6	13462-90-3	21	mg/kg	5.324	111.81	mg/kg	0.0112 %		
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }	034-002-00-8			<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
13	vanadium { divanadium pentaoxide; vanadium pentoxide }	023-001-00-8	215-239-8	1314-62-1	13	mg/kg	1.785	23.207	mg/kg	0.00232 %		
14	zinc { zinc chromate }	024-007-00-3	236-878-9	13530-65-9	19	mg/kg	2.774	52.709	mg/kg	0.00527 %		
15	acenaphthylene		205-917-1	208-96-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
16	acenaphthene		201-469-6	83-32-9	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
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
- ND Not detected
- CLP: Note 1 Only the metal concentration has been used for classification

Classification of sample: DS106 0.5 MG

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

Sample details

Sample name:	LoW Code:
DS106 0.5 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.35	pH		7.35	pH	7.35 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				2	mg/kg	1.895	3.789	mg/kg	0.000379 %		
	033-005-00-1											
3	barium { barium sulphide }				39	mg/kg	1.233	48.106	mg/kg	0.00481 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				1.6	mg/kg	23.173	37.077	mg/kg	0.00371 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.7	mg/kg	1.855	1.298	mg/kg	0.00013 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				12	mg/kg	3.929	47.149	mg/kg	0.00471 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	54	mg/kg	1.56	84.23	mg/kg	0.0054 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				14	mg/kg	5.324	74.54	mg/kg	0.00745 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				26	mg/kg	1.785	46.415	mg/kg	0.00464 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				34	mg/kg	2.774	94.321	mg/kg	0.00943 %		
	024-007-00-3	236-878-9	13530-65-9									
15	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4									

#	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							
			77536-68-6 77536-67-5 12001-29-5							
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0449 %		

Key

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

Classification of sample: DS106 1 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
DS106 1 ALLUVIUM	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 m	

Hazard properties

None identified

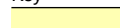
Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.67	pH		8.67	pH	8.67 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				1	mg/kg	1.895	1.895	mg/kg	0.000189 %		
	033-005-00-1											
3	barium { barium sulphide }				82	mg/kg	1.233	101.146	mg/kg	0.0101 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.8	mg/kg	8.868	7.094	mg/kg	0.000709 %		
			7787-47-5									
5	boron { boron tribromide }				1	mg/kg	23.173	23.173	mg/kg	0.00232 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.9	mg/kg	1.855	1.669	mg/kg	0.000167 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				11	mg/kg	3.929	43.22	mg/kg	0.00432 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	12	mg/kg	1.56	18.718	mg/kg	0.0012 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				22	mg/kg	5.324	117.135	mg/kg	0.0117 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				38	mg/kg	1.785	67.837	mg/kg	0.00678 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				38	mg/kg	2.774	105.418	mg/kg	0.0105 %		
	024-007-00-3	236-878-9	13530-65-9									
15	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4									

#	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							
			77536-68-6 77536-67-5 12001-29-5							
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
37	polychlorobiphenyls; PCB	602-039-00-4	215-648-1		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
Total:								0.053 %		

Key

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

Classification of sample: DS107 0.5 MG

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

Sample details

Sample name:	LoW Code:
DS107 0.5 MG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				5.55	pH		5.55	pH	5.55 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				2	mg/kg	1.895	3.789	mg/kg	0.000379 %		
	033-005-00-1											
3	barium { barium sulphide }				64	mg/kg	1.233	78.944	mg/kg	0.00789 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				<1	mg/kg	23.173	<23.173	mg/kg	<0.00232 %		<LOD
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.7	mg/kg	1.855	1.298	mg/kg	0.00013 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				13	mg/kg	3.929	51.078	mg/kg	0.00511 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	58	mg/kg	1.56	90.469	mg/kg	0.0058 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				17	mg/kg	5.324	90.513	mg/kg	0.00905 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				52	mg/kg	2.774	144.256	mg/kg	0.0144 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		104 mg/kg		104 mg/kg	0.0104 %		
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0647 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0104%)

Classification of sample: DS109 0.6 MG

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

Sample details

Sample name:	LoW Code:
DS109 0.6 MG	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)
0.6 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.84	pH		8.84	pH	8.84 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				61	mg/kg	1.233	75.243	mg/kg	0.00752 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.6	mg/kg	8.868	5.321	mg/kg	0.000532 %		
			7787-47-5									
5	boron { boron tribromide }				2.6	mg/kg	23.173	60.25	mg/kg	0.00602 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.7	mg/kg	1.855	1.298	mg/kg	0.00013 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				33	mg/kg	3.929	129.659	mg/kg	0.013 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	71	mg/kg	1.56	110.747	mg/kg	0.0071 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				19	mg/kg	5.324	101.162	mg/kg	0.0101 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				23	mg/kg	1.785	41.059	mg/kg	0.00411 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				40	mg/kg	2.774	110.966	mg/kg	0.0111 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.05 mg/kg		0.05 mg/kg	0.000005 %		
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		20 mg/kg		20 mg/kg	0.002 %		
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0653 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.002%)

Classification of sample: DS109 1 MG

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

Sample details

Sample name:	LoW Code:
DS109 1 MG	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1 m	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.74	pH		8.74	pH	8.74 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1	mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1											
3	barium { barium sulphide }				29	mg/kg	1.233	35.771	mg/kg	0.00358 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.7	mg/kg	8.868	6.208	mg/kg	0.000621 %		
			7787-47-5									
5	boron { boron tribromide }				3.2	mg/kg	23.173	74.154	mg/kg	0.00742 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.8	mg/kg	1.855	1.484	mg/kg	0.000148 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20	mg/kg	1.462	29.231	mg/kg	0.00292 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				11	mg/kg	3.929	43.22	mg/kg	0.00432 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	9	mg/kg	1.56	14.038	mg/kg	0.0009 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				18	mg/kg	5.324	95.837	mg/kg	0.00958 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				27	mg/kg	1.785	48.2	mg/kg	0.00482 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				34	mg/kg	2.774	94.321	mg/kg	0.00943 %		
	024-007-00-3	236-878-9	13530-65-9									
15	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4									

#	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								
			77536-68-6 77536-67-5 12001-29-5								
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %			<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %			<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %			<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
Total:									0.0445 %		

Key

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

Classification of sample: HDTP103 0.2 BEACH DEPOSITS

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

Sample details

Sample name:	LoW Code:
HDTP103 0.2 BEACH DEPOSITS	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	

Hazard properties

None identified

Determinands

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

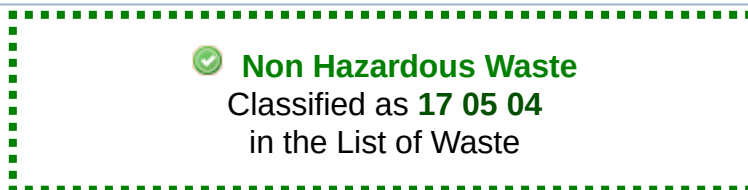
#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				7.38	pH		7.38	pH	7.38 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				10	mg/kg	1.895	18.945	mg/kg	0.00189 %		
	033-005-00-1											
3	barium { barium sulphide }				29	mg/kg	1.233	35.771	mg/kg	0.00358 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				3.2	mg/kg	23.173	74.154	mg/kg	0.00742 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				46	mg/kg	1.462	67.232	mg/kg	0.00672 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				11	mg/kg	3.929	43.22	mg/kg	0.00432 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	32	mg/kg	1.56	49.914	mg/kg	0.0032 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				41	mg/kg	5.324	218.296	mg/kg	0.0218 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				18	mg/kg	1.785	32.133	mg/kg	0.00321 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				43	mg/kg	2.774	119.288	mg/kg	0.0119 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0651 %		

Key

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

Classification of sample: HDTP104 0.2 BEACH DEPOSITS



Sample details

Sample name:	LoW Code:
HDTP104 0.2 BEACH DEPOSITS	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	Entry:

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	pH				8.69 pH		8.69 pH	8.69 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
3	phenol				<0.2 mg/kg		<0.2 mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				5 mg/kg	1.895	9.473 mg/kg	0.000947 %		
	033-005-00-1									
5	barium { barium sulphide }				123 mg/kg	1.233	151.72 mg/kg	0.0152 %		
	016-002-00-X	244-214-4	21109-95-5							
6	beryllium { beryllium chloride }				0.8 mg/kg	8.868	7.094 mg/kg	0.000709 %		
			7787-47-5							
7	boron { boron tribromide }				6.3 mg/kg	23.173	145.99 mg/kg	0.0146 %		
	005-003-00-0	233-657-9	10294-33-4							
8	cadmium { cadmium sulfate }				0.8 mg/kg	1.855	1.484 mg/kg	0.000148 %		
	048-009-00-9	233-331-6	10124-36-4							
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
		215-160-9	1308-38-9							
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923 mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							
11	copper { copper sulphate pentahydrate }				12 mg/kg	3.929	47.149 mg/kg	0.00471 %		
	029-023-00-4	231-847-6	7758-99-8							
12	lead { lead chromate }			1	10 mg/kg	1.56	15.598 mg/kg	0.001 %		
	082-004-00-2	231-846-0	7758-97-6							
13	nickel { nickel diiodide }				27 mg/kg	5.324	143.756 mg/kg	0.0144 %		
	028-029-00-4	236-666-6	13462-90-3							
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405 mg/kg	<0.000141 %		<LOD
	034-002-00-8									

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
15	vanadium { divanadium pentaoxide ; vanadium pentoxide }				39	mg/kg	1.785	69.622	mg/kg	0.00696 %		
	023-001-00-8	215-239-8	1314-62-1									
16	zinc { zinc chromate }				40	mg/kg	2.774	110.966	mg/kg	0.0111 %		
	024-007-00-3	236-878-9	13530-65-9									
17	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
21	anthracene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				<0.08	mg/kg		<0.08	mg/kg	<0.000008 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
		204-927-3	129-00-0									
24	benzo[a]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
26	benzo[k]fluoranthene				<0.07	mg/kg		<0.07	mg/kg	<0.000007 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
27	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
28	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
29	benzo[ghi]perylene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2									
30	indeno[123-cd]pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-893-2	193-39-5									
31	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
32	TPH (C6 to C40) petroleum group				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
			TPH									
33	benzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
34	toluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									
35	ethylbenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4									
36	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<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]									
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
38	4-bromophenylphenylether				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3									
39	hexachlorobenzene				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
40	diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2									
41	dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3									
42	dibenzofuran				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9									

#	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							
43	● carbazole	201-696-0	86-74-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
44	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
46	● bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	● 2-nitrophenol	201-857-5	88-75-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	2,6-dinitrotoluene	609-049-00-8	210-106-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	2,4-dichlorophenol	604-011-00-7	204-429-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	2,4,6-trichlorophenol	604-018-00-5	201-795-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	2,4,5-trichlorophenol	604-017-00-X	202-467-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	● 2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	● 2-Methylnaphthalene		91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	pentachlorophenol	604-002-00-8	201-778-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	nitrosodipropylamine	612-098-00-8	210-698-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	nitrobenzene	609-003-00-7	202-716-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	● hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	● dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	chloromethane; methyl chloride	602-001-00-7	200-817-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
68	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
69	bromoethane; ethyl bromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-055-00-1	200-825-8	74-96-4							
70	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
71	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
72	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
73	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
74	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
75	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
76	1,1-dichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
77	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
78	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
79	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
80	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
81	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
82	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
83	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
84	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
85	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
86	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
87	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
88	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
89	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
90	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
91	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
92	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
93	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
94	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
95	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
96	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
97	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
98	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
99	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
100	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
101	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
102	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
103	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
104	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
105	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
106	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
107	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
108	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
109	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
110	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
111	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
112	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
113	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
114	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
115	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
Total:								0.0753 %		

Key

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

Classification of sample: HDTP105 0.2 BEACH DEPOSITS

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

Sample details

Sample name:	LoW Code:
HDTP105 0.2 BEACH DEPOSITS	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.78	pH		8.78	pH	8.78 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				7	mg/kg	1.895	13.262	mg/kg	0.00133 %		
	033-005-00-1											
3	barium { barium sulphide }				24	mg/kg	1.233	29.604	mg/kg	0.00296 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				2.9	mg/kg	23.173	67.202	mg/kg	0.00672 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.6	mg/kg	1.855	1.113	mg/kg	0.000111 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				98	mg/kg	1.462	143.232	mg/kg	0.0143 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				12	mg/kg	3.929	47.149	mg/kg	0.00471 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	23	mg/kg	1.56	35.876	mg/kg	0.0023 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				72	mg/kg	5.324	383.35	mg/kg	0.0383 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				20	mg/kg	1.785	35.704	mg/kg	0.00357 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				37	mg/kg	2.774	102.643	mg/kg	0.0103 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0856 %		

Key

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

Classification of sample: HDTP107 0.2 MG

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

Sample details

Sample name:	LoW Code:
HDTP107 0.2 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.96 pH		8.96	pH	8.96 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	phenol				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				5 mg/kg	1.895	9.473	mg/kg	0.000947 %		
	033-005-00-1										
5	barium { barium sulphide }				60 mg/kg	1.233	74.01	mg/kg	0.0074 %		
	016-002-00-X	244-214-4	21109-95-5								
6	beryllium { beryllium chloride }				<0.5 mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5								
7	boron { boron tribromide }				2.5 mg/kg	23.173	57.932	mg/kg	0.00579 %		
	005-003-00-0	233-657-9	10294-33-4								
8	cadmium { cadmium sulfate }				0.7 mg/kg	1.855	1.298	mg/kg	0.00013 %		
	048-009-00-9	233-331-6	10124-36-4								
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				17 mg/kg	1.462	24.846	mg/kg	0.00248 %		
		215-160-9	1308-38-9								
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
11	copper { copper sulphate pentahydrate }				32 mg/kg	3.929	125.73	mg/kg	0.0126 %		
	029-023-00-4	231-847-6	7758-99-8								
12	lead { lead chromate }			1	231 mg/kg	1.56	360.317	mg/kg	0.0231 %		
	082-004-00-2	231-846-0	7758-97-6								
13	nickel { nickel diiodide }				17 mg/kg	5.324	90.513	mg/kg	0.00905 %		
	028-029-00-4	236-666-6	13462-90-3								
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				19 mg/kg	1.785	33.919 mg/kg	0.00339 %			
	023-001-00-8	215-239-8	1314-62-1								
16	zinc { zinc chromate }				73 mg/kg	2.774	202.513 mg/kg	0.0203 %			
	024-007-00-3	236-878-9	13530-65-9								
17	asbestos				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
18	acenaphthylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		205-917-1	208-96-8								
19	acenaphthene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-469-6	83-32-9								
20	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-695-5	86-73-7								
21	phenanthrene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
		201-581-5	85-01-8								
22	anthracene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
		204-371-1	120-12-7								
23	fluoranthene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
		205-912-4	206-44-0								
24	pyrene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
		204-927-3	129-00-0								
25	benzo[a]anthracene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
	601-033-00-9	200-280-6	56-55-3								
26	chrysene				0.09 mg/kg		0.09 mg/kg	0.000009 %			
	601-048-00-0	205-923-4	218-01-9								
27	benzo[k]fluoranthene				<0.07 mg/kg		<0.07 mg/kg	<0.000007 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.09 mg/kg		0.09 mg/kg	0.000009 %			
	601-032-00-3	200-028-5	50-32-8								
29	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
30	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		205-883-8	191-24-2								
31	indeno[123-cd]pyrene				0.05 mg/kg		0.05 mg/kg	0.000005 %			
		205-893-2	193-39-5								
32	benzo[b]fluoranthene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
	601-034-00-4	205-911-9	205-99-2								
33	TPH (C6 to C40) petroleum group				31 mg/kg		31 mg/kg	0.0031 %			
			TPH								
34	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
35	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
36	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
37	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<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]								
38	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
39	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		202-952-4	101-55-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
40	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
41	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
42	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
43	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
44	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
45	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
46	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
47	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
48	bis(2-chloroethyl) ether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
49	4-nitrophenol; p-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
50	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
51	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
52	2-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-857-5	88-75-5							
53	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
54	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
55	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
56	2,4-dichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
57	2,4,6-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
58	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
59	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
60	2-Methylnaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			91-57-6							
61	pentachlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	nitrosodipropylamine				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
63	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
64	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							

#	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							
65	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	bromoethane; ethyl bromide	602-055-00-1	200-825-8	74-96-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
71	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
72	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
76	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	2,2-dichloropropane	209-832-0	594-20-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
80	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
85	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
86	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromodichloromethane	200-856-7	75-27-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,3-dichloropropane	205-531-3	142-28-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
93	dibromochloromethane 204-704-0124-48-1				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
94	1,2-dibromoethane 602-010-00-6203-444-5106-93-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
95	chlorobenzene 602-033-00-1203-628-5108-90-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	1,1,1,2-tetrachloroethane 211-135-1630-20-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	styrene 601-026-00-0202-851-5100-42-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	bromoform; tribromomethane 602-007-00-X200-854-675-25-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
99	1,1,2,2-tetrachloroethane 602-015-00-3201-197-879-34-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	1,2,3-trichloropropane 602-062-00-X202-486-196-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	bromobenzene 602-060-00-9203-623-8108-86-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	cumene; [1] propylbenzene [2] 601-024-00-X202-704-5 [1]98-82-8 [1] 203-132-9 [2]103-65-1 [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5203-604-4108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X202-424-3 [1]95-49-8 [1] 203-580-5 [2]108-41-8 [2] 203-397-0 [3]106-43-4 [3] 246-698-2 [4]25168-05-2 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
105	tert-butylbenzene 202-632-498-06-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
106	1,2,4-trimethylbenzene 601-043-00-3202-436-995-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	sec-butylbenzene 205-227-0135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	4-isopropyltoluene 202-796-799-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	1,3-dichlorobenzene 602-067-00-7208-792-1541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2203-400-5106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	n-butylbenzene 203-209-7104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7202-425-995-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	1,2-dibromo-3-chloropropane 602-021-00-6202-479-396-12-8				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
114	1,2,4-trichlorobenzene 602-087-00-6204-428-0120-82-1				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
115	hexachlorobutadiene 201-765-587-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
116	1,2,3-trichlorobenzene 201-757-187-61-6				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
Total:								0.0897 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0031%)

Classification of sample: HDTP108 0.5 MG

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

Sample details

Sample name:	LoW Code:
HDTP108 0.5 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.99 pH		8.99	pH	8.99 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	phenol				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				10 mg/kg	1.895	18.945	mg/kg	0.00189 %		
	033-005-00-1										
5	barium { barium sulphide }				83 mg/kg	1.233	102.38	mg/kg	0.0102 %		
	016-002-00-X	244-214-4	21109-95-5								
6	beryllium { beryllium chloride }				0.6 mg/kg	8.868	5.321	mg/kg	0.000532 %		
			7787-47-5								
7	boron { boron tribromide }				5 mg/kg	23.173	115.865	mg/kg	0.0116 %		
	005-003-00-0	233-657-9	10294-33-4								
8	cadmium { cadmium sulfate }				0.7 mg/kg	1.855	1.298	mg/kg	0.00013 %		
	048-009-00-9	233-331-6	10124-36-4								
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				20 mg/kg	1.462	29.231	mg/kg	0.00292 %		
		215-160-9	1308-38-9								
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
11	copper { copper sulphate pentahydrate }				41 mg/kg	3.929	161.091	mg/kg	0.0161 %		
	029-023-00-4	231-847-6	7758-99-8								
12	lead { lead chromate }			1	533 mg/kg	1.56	831.381	mg/kg	0.0533 %		
	082-004-00-2	231-846-0	7758-97-6								
13	nickel { nickel diiodide }				21 mg/kg	5.324	111.81	mg/kg	0.0112 %		
	028-029-00-4	236-666-6	13462-90-3								
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				26 mg/kg	1.785	46.415 mg/kg	0.00464 %			
	023-001-00-8	215-239-8	1314-62-1								
16	zinc { zinc chromate }				211 mg/kg	2.774	585.345 mg/kg	0.0585 %			
	024-007-00-3	236-878-9	13530-65-9								
17	asbestos				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
18	acenaphthylene				0.02 mg/kg		0.02 mg/kg	0.000002 %			
		205-917-1	208-96-8								
19	acenaphthene				0.01 mg/kg		0.01 mg/kg	0.000001 %			
		201-469-6	83-32-9								
20	fluorene				0.02 mg/kg		0.02 mg/kg	0.000002 %			
		201-695-5	86-73-7								
21	phenanthrene				0.43 mg/kg		0.43 mg/kg	0.000043 %			
		201-581-5	85-01-8								
22	anthracene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		204-371-1	120-12-7								
23	fluoranthene				1.12 mg/kg		1.12 mg/kg	0.000112 %			
		205-912-4	206-44-0								
24	pyrene				0.95 mg/kg		0.95 mg/kg	0.000095 %			
		204-927-3	129-00-0								
25	benzo[a]anthracene				0.54 mg/kg		0.54 mg/kg	0.000054 %			
	601-033-00-9	200-280-6	56-55-3								
26	chrysene				0.63 mg/kg		0.63 mg/kg	0.000063 %			
	601-048-00-0	205-923-4	218-01-9								
27	benzo[k]fluoranthene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.56 mg/kg		0.56 mg/kg	0.000056 %			
	601-032-00-3	200-028-5	50-32-8								
29	dibenz[a,h]anthracene				0.06 mg/kg		0.06 mg/kg	0.000006 %			
	601-041-00-2	200-181-8	53-70-3								
30	benzo[ghi]perylene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
		205-883-8	191-24-2								
31	indeno[123-cd]pyrene				0.31 mg/kg		0.31 mg/kg	0.000031 %			
		205-893-2	193-39-5								
32	benzo[b]fluoranthene				0.62 mg/kg		0.62 mg/kg	0.000062 %			
	601-034-00-4	205-911-9	205-99-2								
33	TPH (C6 to C40) petroleum group				45 mg/kg		45 mg/kg	0.0045 %			
			TPH								
34	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
35	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
36	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
37	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<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]								
38	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
39	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		202-952-4	101-55-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
40	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
41	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
42	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
43	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
44	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
45	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
46	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
47	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
48	bis(2-chloroethyl) ether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
49	4-nitrophenol; p-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
50	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
51	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
52	2-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-857-5	88-75-5							
53	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
54	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
55	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
56	2,4-dichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
57	2,4,6-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
58	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
59	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
60	2-Methylnaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			91-57-6							
61	pentachlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	nitrosodipropylamine				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
63	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
64	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							

#	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							
65	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	bromoethane; ethyl bromide	602-055-00-1	200-825-8	74-96-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
71	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
72	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
76	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	2,2-dichloropropane	209-832-0	594-20-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
80	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
85	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
86	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromodichloromethane	200-856-7	75-27-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,3-dichloropropane	205-531-3	142-28-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
93	dibromochloromethane	204-704-0	124-48-1		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
94	1,2-dibromoethane	602-010-00-6	203-444-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
95	chlorobenzene	602-033-00-1	203-628-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	styrene	601-026-00-0	202-851-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	bromoform; tribromomethane	602-007-00-X	200-854-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
99	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	1,2,3-trichloropropane	602-062-00-X	202-486-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	bromobenzene	602-060-00-9	203-623-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
105	tert-butylbenzene	202-632-4	98-06-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
106	1,2,4-trimethylbenzene	601-043-00-3	202-436-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	1,3-dichlorobenzene	602-067-00-7	208-792-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	n-butylbenzene	203-209-7	104-51-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
114	1,2,4-trichlorobenzene	602-087-00-6	204-428-0		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
115	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
116	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
Total:								0.177 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: HDTP109 1 ALLUVIUM

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

Sample details

Sample name:	LoW Code:
HDTP109 1 ALLUVIUM	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 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.43	pH		8.43	pH	8.43 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				6	mg/kg	1.895	11.367	mg/kg	0.00114 %		
	033-005-00-1											
3	barium { barium sulphide }				30	mg/kg	1.233	37.005	mg/kg	0.0037 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.6	mg/kg	8.868	5.321	mg/kg	0.000532 %		
			7787-47-5									
5	boron { boron tribromide }				4.9	mg/kg	23.173	113.548	mg/kg	0.0114 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.6	mg/kg	1.855	1.113	mg/kg	0.000111 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22	mg/kg	1.462	32.154	mg/kg	0.00322 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				14	mg/kg	3.929	55.007	mg/kg	0.0055 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	32	mg/kg	1.56	49.914	mg/kg	0.0032 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				20	mg/kg	5.324	106.486	mg/kg	0.0106 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				29	mg/kg	1.785	51.77	mg/kg	0.00518 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				46	mg/kg	2.774	127.611	mg/kg	0.0128 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0578 %		

Key

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

Classification of sample: HDTP110 0.5 MG

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

Sample details

Sample name:	LoW Code:
HDTP110 0.5 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.88 pH		8.88	pH	8.88 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	phenol				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				4 mg/kg	1.895	7.578	mg/kg	0.000758 %		
	033-005-00-1										
5	barium { barium sulphide }				110 mg/kg	1.233	135.684	mg/kg	0.0136 %		
	016-002-00-X	244-214-4	21109-95-5								
6	beryllium { beryllium chloride }				0.5 mg/kg	8.868	4.434	mg/kg	0.000443 %		
			7787-47-5								
7	boron { boron tribromide }				3.7 mg/kg	23.173	85.74	mg/kg	0.00857 %		
	005-003-00-0	233-657-9	10294-33-4								
8	cadmium { cadmium sulfate }				0.5 mg/kg	1.855	0.927	mg/kg	0.0000927 %		
	048-009-00-9	233-331-6	10124-36-4								
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				15 mg/kg	1.462	21.923	mg/kg	0.00219 %		
		215-160-9	1308-38-9								
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
11	copper { copper sulphate pentahydrate }				18 mg/kg	3.929	70.723	mg/kg	0.00707 %		
	029-023-00-4	231-847-6	7758-99-8								
12	lead { lead chromate }			1	292 mg/kg	1.56	455.466	mg/kg	0.0292 %		
	082-004-00-2	231-846-0	7758-97-6								
13	nickel { nickel diiodide }				12 mg/kg	5.324	63.892	mg/kg	0.00639 %		
	028-029-00-4	236-666-6	13462-90-3								
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				20 mg/kg	1.785	35.704 mg/kg	0.00357 %			
	023-001-00-8	215-239-8	1314-62-1								
16	zinc { zinc chromate }				164 mg/kg	2.774	454.96 mg/kg	0.0455 %			
	024-007-00-3	236-878-9	13530-65-9								
17	asbestos				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
18	acenaphthylene				0.01 mg/kg		0.01 mg/kg	0.000001 %			
		205-917-1	208-96-8								
19	acenaphthene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-469-6	83-32-9								
20	fluorene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-695-5	86-73-7								
21	phenanthrene				0.1 mg/kg		0.1 mg/kg	0.00001 %			
		201-581-5	85-01-8								
22	anthracene				0.02 mg/kg		0.02 mg/kg	0.000002 %			
		204-371-1	120-12-7								
23	fluoranthene				0.32 mg/kg		0.32 mg/kg	0.000032 %			
		205-912-4	206-44-0								
24	pyrene				0.29 mg/kg		0.29 mg/kg	0.000029 %			
		204-927-3	129-00-0								
25	benzo[a]anthracene				0.2 mg/kg		0.2 mg/kg	0.00002 %			
	601-033-00-9	200-280-6	56-55-3								
26	chrysene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
	601-048-00-0	205-923-4	218-01-9								
27	benzo[k]fluoranthene				0.11 mg/kg		0.11 mg/kg	0.000011 %			
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.21 mg/kg		0.21 mg/kg	0.000021 %			
	601-032-00-3	200-028-5	50-32-8								
29	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
30	benzo[ghi]perylene				0.12 mg/kg		0.12 mg/kg	0.000012 %			
		205-883-8	191-24-2								
31	indeno[123-cd]pyrene				0.15 mg/kg		0.15 mg/kg	0.000015 %			
		205-893-2	193-39-5								
32	benzo[b]fluoranthene				0.23 mg/kg		0.23 mg/kg	0.000023 %			
	601-034-00-4	205-911-9	205-99-2								
33	TPH (C6 to C40) petroleum group				50 mg/kg		50 mg/kg	0.005 %			
			TPH								
34	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
35	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
36	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
37	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<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]								
38	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
39	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		202-952-4	101-55-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
40	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
41	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
42	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
43	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
44	carbazole				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-696-0	86-74-8							
45	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
46	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
47	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
48	bis(2-chloroethyl) ether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
49	4-nitrophenol; p-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
50	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
51	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
52	2-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-857-5	88-75-5							
53	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
54	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
55	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
56	2,4-dichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
57	2,4,6-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
58	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
59	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
60	2-Methylnaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			91-57-6							
61	pentachlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	nitrosodipropylamine				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
63	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
64	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							

#	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							
65	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	bromoethane; ethyl bromide	602-055-00-1	200-825-8	74-96-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
71	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
72	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
76	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	2,2-dichloropropane	209-832-0	594-20-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
80	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
85	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
86	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromodichloromethane	200-856-7	75-27-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,3-dichloropropane	205-531-3	142-28-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
93	dibromochloromethane 204-704-0124-48-1				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
94	1,2-dibromoethane 602-010-00-6203-444-5106-93-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
95	chlorobenzene 602-033-00-1203-628-5108-90-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	1,1,1,2-tetrachloroethane 211-135-1630-20-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	styrene 601-026-00-0202-851-5100-42-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	bromoform; tribromomethane 602-007-00-X200-854-675-25-2				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
99	1,1,2,2-tetrachloroethane 602-015-00-3201-197-879-34-5				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	1,2,3-trichloropropane 602-062-00-X202-486-196-18-4				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	bromobenzene 602-060-00-9203-623-8108-86-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	cumene; [1] propylbenzene [2] 601-024-00-X202-704-5 [1]98-82-8 [1] 203-132-9 [2]103-65-1 [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	mesitylene; 1,3,5-trimethylbenzene 601-025-00-5203-604-4108-67-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4] 602-040-00-X202-424-3 [1]95-49-8 [1] 203-580-5 [2]108-41-8 [2] 203-397-0 [3]106-43-4 [3] 246-698-2 [4]25168-05-2 [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
105	tert-butylbenzene 202-632-498-06-6				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
106	1,2,4-trimethylbenzene 601-043-00-3202-436-995-63-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	sec-butylbenzene 205-227-0135-98-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	4-isopropyltoluene 202-796-799-87-6				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	1,3-dichlorobenzene 602-067-00-7208-792-1541-73-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	1,4-dichlorobenzene; p-dichlorobenzene 602-035-00-2203-400-5106-46-7				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	n-butylbenzene 203-209-7104-51-8				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	1,2-dichlorobenzene; o-dichlorobenzene 602-034-00-7202-425-995-50-1				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	1,2-dibromo-3-chloropropane 602-021-00-6202-479-396-12-8				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
114	1,2,4-trichlorobenzene 602-087-00-6204-428-0120-82-1				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
115	hexachlorobutadiene 201-765-587-68-3				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
116	1,2,3-trichlorobenzene 201-757-187-61-6				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
Total:								0.124 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.005%)

Classification of sample: HDTP111 0.5 MG

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

Sample details

Sample name:	LoW Code:
HDTP111 0.5 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				7.91 pH		7.91	pH	7.91 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	phenol				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				14 mg/kg	1.895	26.523	mg/kg	0.00265 %		
	033-005-00-1										
5	barium { barium sulphide }				66 mg/kg	1.233	81.411	mg/kg	0.00814 %		
	016-002-00-X	244-214-4	21109-95-5								
6	beryllium { beryllium chloride }				1.2 mg/kg	8.868	10.642	mg/kg	0.00106 %		
			7787-47-5								
7	boron { boron tribromide }				14.3 mg/kg	23.173	331.373	mg/kg	0.0331 %		
	005-003-00-0	233-657-9	10294-33-4								
8	cadmium { cadmium sulfate }				1.2 mg/kg	1.855	2.225	mg/kg	0.000223 %		
	048-009-00-9	233-331-6	10124-36-4								
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				35 mg/kg	1.462	51.154	mg/kg	0.00512 %		
		215-160-9	1308-38-9								
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
11	copper { copper sulphate pentahydrate }				51 mg/kg	3.929	200.382	mg/kg	0.02 %		
	029-023-00-4	231-847-6	7758-99-8								
12	lead { lead chromate }			1	91 mg/kg	1.56	141.943	mg/kg	0.0091 %		
	082-004-00-2	231-846-0	7758-97-6								
13	nickel { nickel diiodide }				24 mg/kg	5.324	127.783	mg/kg	0.0128 %		
	028-029-00-4	236-666-6	13462-90-3								
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				48 mg/kg	1.785	85.689 mg/kg	0.00857 %			
	023-001-00-8	215-239-8	1314-62-1								
16	zinc { zinc chromate }				107 mg/kg	2.774	296.834 mg/kg	0.0297 %			
	024-007-00-3	236-878-9	13530-65-9								
17	asbestos				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5								
18	acenaphthylene				0.07 mg/kg		0.07 mg/kg	0.000007 %			
		205-917-1	208-96-8								
19	acenaphthene				0.02 mg/kg		0.02 mg/kg	0.000002 %			
		201-469-6	83-32-9								
20	fluorene				0.02 mg/kg		0.02 mg/kg	0.000002 %			
		201-695-5	86-73-7								
21	phenanthrene				0.24 mg/kg		0.24 mg/kg	0.000024 %			
		201-581-5	85-01-8								
22	anthracene				0.13 mg/kg		0.13 mg/kg	0.000013 %			
		204-371-1	120-12-7								
23	fluoranthene				1.6 mg/kg		1.6 mg/kg	0.00016 %			
		205-912-4	206-44-0								
24	pyrene				2.5 mg/kg		2.5 mg/kg	0.00025 %			
		204-927-3	129-00-0								
25	benzo[a]anthracene				0.7 mg/kg		0.7 mg/kg	0.00007 %			
	601-033-00-9	200-280-6	56-55-3								
26	chrysene				0.85 mg/kg		0.85 mg/kg	0.000085 %			
	601-048-00-0	205-923-4	218-01-9								
27	benzo[k]fluoranthene				0.24 mg/kg		0.24 mg/kg	0.000024 %			
	601-036-00-5	205-916-6	207-08-9								
28	benzo[a]pyrene; benzo[def]chrysene				0.59 mg/kg		0.59 mg/kg	0.000059 %			
	601-032-00-3	200-028-5	50-32-8								
29	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
30	benzo[ghi]perylene				0.33 mg/kg		0.33 mg/kg	0.000033 %			
		205-883-8	191-24-2								
31	indeno[123-cd]pyrene				0.39 mg/kg		0.39 mg/kg	0.000039 %			
		205-893-2	193-39-5								
32	benzo[b]fluoranthene				0.7 mg/kg		0.7 mg/kg	0.00007 %			
	601-034-00-4	205-911-9	205-99-2								
33	TPH (C6 to C40) petroleum group				449 mg/kg		449 mg/kg	0.0449 %			
			TPH								
34	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
35	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
36	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
37	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<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]								
38	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
39	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		202-952-4	101-55-3								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
40	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
41	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
42	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
43	dibenzofuran				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-071-3	132-64-9							
44	carbazole				0.33 mg/kg		0.33 mg/kg	0.000033 %		
		201-696-0	86-74-8							
45	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
46	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
47	bis(2-chloroethoxy)methane				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		203-920-2	111-91-1							
48	bis(2-chloroethyl) ether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
49	4-nitrophenol; p-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
50	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							
51	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
52	2-nitrophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-857-5	88-75-5							
53	2,6-dinitrotoluene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
54	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
55	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
56	2,4-dichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
57	2,4,6-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
58	2,4,5-trichlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
59	2-chloronaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-079-9	91-58-7							
60	2-Methylnaphthalene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
			91-57-6							
61	pentachlorophenol				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
62	nitrosodipropylamine				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
63	nitrobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
64	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							

#	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							
65	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
67	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
68	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
70	bromoethane; ethyl bromide	602-055-00-1	200-825-8	74-96-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
71	chloroethane	602-009-00-0	200-830-5	75-00-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
72	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
73	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
74	carbon disulphide	006-003-00-3	200-843-6	75-15-0	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
75	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
76	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
77	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
78	2,2-dichloropropane	209-832-0	594-20-7		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
79	bromochloromethane	200-826-3	74-97-5		<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
80	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
81	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
82	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
83	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
84	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
85	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
86	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
87	dibromomethane	602-003-00-8	200-824-2	74-95-3	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
88	bromodichloromethane	200-856-7	75-27-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
90	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
91	1,3-dichloropropane	205-531-3	142-28-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
92	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
93	dibromochloromethane	204-704-0	124-48-1		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
94	1,2-dibromoethane	602-010-00-6	203-444-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
95	chlorobenzene	602-033-00-1	203-628-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
96	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
97	styrene	601-026-00-0	202-851-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
98	bromoform; tribromomethane	602-007-00-X	200-854-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
99	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
100	1,2,3-trichloropropane	602-062-00-X	202-486-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
101	bromobenzene	602-060-00-9	203-623-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
102	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
103	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
104	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
105	tert-butylbenzene	202-632-4	98-06-6		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
106	1,2,4-trimethylbenzene	601-043-00-3	202-436-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
107	sec-butylbenzene	205-227-0	135-98-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
108	4-isopropyltoluene	202-796-7	99-87-6		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
109	1,3-dichlorobenzene	602-067-00-7	208-792-1		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
110	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
111	n-butylbenzene	203-209-7	104-51-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
112	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
113	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
114	1,2,4-trichlorobenzene	602-087-00-6	204-428-0		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
115	hexachlorobutadiene	201-765-5	87-68-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
116	1,2,3-trichlorobenzene	201-757-1	87-61-6		<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
Total:								0.177 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0449%)

Classification of sample: MDTP101 0.5 MG

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

Sample details

Sample name:	LoW Code:
MDTP101 0.5 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.96 pH		8.96	pH	8.96 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				<1 mg/kg	1.895	<1.895	mg/kg	<0.000189 %		<LOD
	033-005-00-1										
3	barium { barium sulphide }				5 mg/kg	1.233	6.167	mg/kg	0.000617 %		
	016-002-00-X	244-214-4	21109-95-5								
4	beryllium { beryllium chloride }				<0.5 mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5								
5	boron { boron tribromide }				1.8 mg/kg	23.173	41.711	mg/kg	0.00417 %		
	005-003-00-0	233-657-9	10294-33-4								
6	cadmium { cadmium sulfate }				<0.5 mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4								
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				5 mg/kg	1.462	7.308	mg/kg	0.000731 %		
		215-160-9	1308-38-9								
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
9	copper { copper sulphate pentahydrate }				<1 mg/kg	3.929	<3.929	mg/kg	<0.000393 %		<LOD
	029-023-00-4	231-847-6	7758-99-8								
10	lead { lead chromate }			1	2 mg/kg	1.56	3.12	mg/kg	0.0002 %		
	082-004-00-2	231-846-0	7758-97-6								
11	nickel { nickel diiodide }				1 mg/kg	5.324	5.324	mg/kg	0.000532 %		
	028-029-00-4	236-666-6	13462-90-3								
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				9 mg/kg	1.785	16.067	mg/kg	0.00161 %		
	023-001-00-8	215-239-8	1314-62-1								
14	zinc { zinc chromate }				6 mg/kg	2.774	16.645	mg/kg	0.00166 %		
	024-007-00-3	236-878-9	13530-65-9								
15	asbestos				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4								

#	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							
			77536-68-6 77536-67-5 12001-29-5							
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
37	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	chloromethane; methyl chloride	602-001-00-7	200-817-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	vinyl chloride; chloroethylene	602-023-00-7	200-831-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	bromoethane; ethyl bromide	602-055-00-1	200-825-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	chloroethane	602-009-00-0	200-830-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
42	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
44	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
45	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
46	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
47	1,1-dichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
48	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
49	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
50	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
51	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
52	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
53	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
54	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
55	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
62	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
63	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
70	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							

#	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							
71	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
72	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
73	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
74	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
75	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
76	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
77	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
78	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
79	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
80	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
81	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
82	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
83	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
84	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
85	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
86	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
Total:								0.0112 %		

Key

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

Classification of sample: MDTP102 1 MG

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

Sample details

Sample name:	LoW Code:
MDTP102 1 MG	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 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.08	pH		9.08	pH	9.08 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				2	mg/kg	1.895	3.789	mg/kg	0.000379 %		
	033-005-00-1											
3	barium { barium sulphide }				3	mg/kg	1.233	3.7	mg/kg	0.00037 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				<0.5	mg/kg	8.868	<4.434	mg/kg	<0.000443 %		<LOD
			7787-47-5									
5	boron { boron tribromide }				1	mg/kg	23.173	23.173	mg/kg	0.00232 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				<0.5	mg/kg	1.855	<0.927	mg/kg	<0.0000927 %		<LOD
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3	mg/kg	1.462	4.385	mg/kg	0.000438 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				1	mg/kg	3.929	3.929	mg/kg	0.000393 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	5	mg/kg	1.56	7.799	mg/kg	0.0005 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				<1	mg/kg	5.324	<5.324	mg/kg	<0.000532 %		<LOD
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				5	mg/kg	1.785	8.926	mg/kg	0.000893 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				<5	mg/kg	2.774	<13.871	mg/kg	<0.00139 %		<LOD
	024-007-00-3	236-878-9	13530-65-9									
15	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4									

#	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							
			77536-68-6 77536-67-5 12001-29-5							
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
37	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
38	chloromethane; methyl chloride	602-001-00-7	200-817-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	vinyl chloride; chloroethylene	602-023-00-7	200-831-0		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
40	bromoethane; ethyl bromide	602-055-00-1	200-825-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
41	chloroethane	602-009-00-0	200-830-5		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
42	trichlorofluoromethane	200-892-3	75-69-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
43	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
44	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
45	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
46	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
47	1,1-dichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
48	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
49	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
50	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
51	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
52	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
53	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
54	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
55	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
56	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
57	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
58	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
59	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
60	1,1,2-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
61	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
62	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
63	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
64	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
65	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
66	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							
67	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
68	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
69	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
70	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							

#	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							
71	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
72	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
73	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
74	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
75	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
76	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
77	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
78	4-isopropyltoluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		202-796-7	99-87-6							
79	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
80	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
81	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
82	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
83	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
84	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
85	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
86	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
Total:								0.00835 %		

Key

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

Classification of sample: MDTP103 0.2 MG

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

Sample details

Sample name:	LoW Code:
MDTP103 0.2 MG	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	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				8.73	pH		8.73	pH	8.73 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				4	mg/kg	1.895	7.578	mg/kg	0.000758 %		
	033-005-00-1											
3	barium { barium sulphide }				33	mg/kg	1.233	40.705	mg/kg	0.00407 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.5	mg/kg	8.868	4.434	mg/kg	0.000443 %		
			7787-47-5									
5	boron { boron tribromide }				3.9	mg/kg	23.173	90.375	mg/kg	0.00904 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.8	mg/kg	1.855	1.484	mg/kg	0.000148 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				21	mg/kg	1.462	30.693	mg/kg	0.00307 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				14	mg/kg	3.929	55.007	mg/kg	0.0055 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	12	mg/kg	1.56	18.718	mg/kg	0.0012 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				13	mg/kg	5.324	69.216	mg/kg	0.00692 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	57.126	mg/kg	0.00571 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				29	mg/kg	2.774	80.45	mg/kg	0.00805 %		
	024-007-00-3	236-878-9	13530-65-9									
15	asbestos				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4									

#	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							
			77536-68-6 77536-67-5 12001-29-5							
16	acenaphthylene	205-917-1	208-96-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
17	acenaphthene	201-469-6	83-32-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
19	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
20	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
21	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
22	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
23	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
24	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
25	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
26	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
28	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
30	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
32	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
35	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
36	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
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
ND	Not detected
CLP: Note 1	Only the metal concentration has been used for classification

Classification of sample: MDTP103 1 MG

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

Sample details

Sample name:	LoW Code:
MDTP103 1 MG	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 m	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	pH				9.54	pH		9.54	pH	9.54 pH		
2	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				5	mg/kg	1.895	9.473	mg/kg	0.000947 %		
	033-005-00-1											
3	barium { barium sulphide }				43	mg/kg	1.233	53.04	mg/kg	0.0053 %		
	016-002-00-X	244-214-4	21109-95-5									
4	beryllium { beryllium chloride }				0.7	mg/kg	8.868	6.208	mg/kg	0.000621 %		
			7787-47-5									
5	boron { boron tribromide }				4.7	mg/kg	23.173	108.913	mg/kg	0.0109 %		
	005-003-00-0	233-657-9	10294-33-4									
6	cadmium { cadmium sulfate }				0.8	mg/kg	1.855	1.484	mg/kg	0.000148 %		
	048-009-00-9	233-331-6	10124-36-4									
7	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				19	mg/kg	1.462	27.77	mg/kg	0.00278 %		
		215-160-9	1308-38-9									
8	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1	mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
9	copper { copper sulphate pentahydrate }				13	mg/kg	3.929	51.078	mg/kg	0.00511 %		
	029-023-00-4	231-847-6	7758-99-8									
10	lead { lead chromate }			1	12	mg/kg	1.56	18.718	mg/kg	0.0012 %		
	082-004-00-2	231-846-0	7758-97-6									
11	nickel { nickel diiodide }				19	mg/kg	5.324	101.162	mg/kg	0.0101 %		
	028-029-00-4	236-666-6	13462-90-3									
12	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1	mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8											
13	vanadium { divanadium pentaoxide; vanadium pentoxide }				32	mg/kg	1.785	57.126	mg/kg	0.00571 %		
	023-001-00-8	215-239-8	1314-62-1									
14	zinc { zinc chromate }				33	mg/kg	2.774	91.547	mg/kg	0.00915 %		
	024-007-00-3	236-878-9	13530-65-9									
15	acenaphthylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-917-1	208-96-8									
16	acenaphthene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-469-6	83-32-9									

#	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							
17	fluorene	201-695-5	86-73-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
18	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
19	anthracene	204-371-1	120-12-7		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
20	fluoranthene	205-912-4	206-44-0		<0.08 mg/kg		<0.08 mg/kg	<0.000008 %		<LOD
21	pyrene	204-927-3	129-00-0		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
22	benzo[a]anthracene	601-033-00-9	200-280-6		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
23	chrysene	601-048-00-0	205-923-4		<0.06 mg/kg		<0.06 mg/kg	<0.000006 %		<LOD
24	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.07 mg/kg		<0.07 mg/kg	<0.000007 %		<LOD
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
26	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
27	benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	TPH (C6 to C40) petroleum group		TPH		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
31	benzene	601-020-00-8	200-753-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
32	toluene	601-021-00-3	203-625-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
33	ethylbenzene	601-023-00-4	202-849-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
34	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
35	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane	603-181-00-X	216-653-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
Total:								0.0525 %		

Key

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

Classification of sample: AVERAGE

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

Sample details

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

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	pH				8.574 pH		8.574	pH	8.574 pH		
2	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884	mg/kg	<0.000188 %		<LOD
	006-007-00-5										
3	phenol				<0.2 mg/kg		<0.2	mg/kg	<0.00002 %		<LOD
	604-001-00-2	203-632-7	108-95-2								
4	arsenic { arsenic acid and its salts with the exception of those specified elsewhere in this Annex }				3.475 mg/kg	1.895	6.583	mg/kg	0.000658 %		
	033-005-00-1										
5	barium { barium sulphide }				50.075 mg/kg	1.233	61.767	mg/kg	0.00618 %		
	016-002-00-X	244-214-4	21109-95-5								
6	beryllium { beryllium chloride }				0.623 mg/kg	8.868	5.52	mg/kg	0.000552 %		
			7787-47-5								
7	boron { boron tribromide }				3.548 mg/kg	23.173	82.206	mg/kg	0.00822 %		
	005-003-00-0	233-657-9	10294-33-4								
8	cadmium { cadmium sulfate }				0.69 mg/kg	1.855	1.28	mg/kg	0.000128 %		
	048-009-00-9	233-331-6	10124-36-4								
9	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				24.875 mg/kg	1.462	36.356	mg/kg	0.00364 %		
		215-160-9	1308-38-9								
10	chromium in chromium(VI) compounds { chromium(VI) oxide }				<1 mg/kg	1.923	<1.923	mg/kg	<0.000192 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								
11	copper { copper sulphate pentahydrate }				14.6 mg/kg	3.929	57.364	mg/kg	0.00574 %		
	029-023-00-4	231-847-6	7758-99-8								
12	lead { lead chromate }			1	74.2 mg/kg	1.56	115.738	mg/kg	0.00742 %		
	082-004-00-2	231-846-0	7758-97-6								
13	nickel { nickel diiodide }				20.275 mg/kg	5.324	107.95	mg/kg	0.0108 %		
	028-029-00-4	236-666-6	13462-90-3								
14	selenium { selenium compounds with the exception of cadmium sulphoselenide and those specified elsewhere in this Annex }				<1 mg/kg	1.405	<1.405	mg/kg	<0.000141 %		<LOD
	034-002-00-8										

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	vanadium { divanadium pentaoxide; vanadium pentoxide }				25.35 mg/kg	1.785	45.254 mg/kg	0.00453 %		
	023-001-00-8	215-239-8	1314-62-1							
16	zinc { zinc chromate }				48.425 mg/kg	2.774	134.338 mg/kg	0.0134 %		
	024-007-00-3	236-878-9	13530-65-9							
17	acenaphthylene				0.017 mg/kg		0.017 mg/kg	0.0000017 %		
		205-917-1	208-96-8							
18	acenaphthene				0.0168 mg/kg		0.0168 mg/kg	0.00000167 %		
		201-469-6	83-32-9							
19	fluorene				0.0187 mg/kg		0.0187 mg/kg	0.00000187 %		
		201-695-5	86-73-7							
20	phenanthrene				0.138 mg/kg		0.138 mg/kg	0.0000138 %		
		201-581-5	85-01-8							
21	anthracene				0.0525 mg/kg		0.0525 mg/kg	0.00000525 %		
		204-371-1	120-12-7							
22	fluoranthene				0.387 mg/kg		0.387 mg/kg	0.0000387 %		
		205-912-4	206-44-0							
23	pyrene				0.371 mg/kg		0.371 mg/kg	0.0000371 %		
		204-927-3	129-00-0							
24	benzo[a]anthracene				0.201 mg/kg		0.201 mg/kg	0.0000201 %		
	601-033-00-9	200-280-6	56-55-3							
25	chrysene				0.22 mg/kg		0.22 mg/kg	0.000022 %		
	601-048-00-0	205-923-4	218-01-9							
26	benzo[k]fluoranthene				0.13 mg/kg		0.13 mg/kg	0.000013 %		
	601-036-00-5	205-916-6	207-08-9							
27	benzo[a]pyrene; benzo[def]chrysene				0.207 mg/kg		0.207 mg/kg	0.0000207 %		
	601-032-00-3	200-028-5	50-32-8							
28	dibenz[a,h]anthracene				0.0513 mg/kg		0.0513 mg/kg	0.00000513 %		
	601-041-00-2	200-181-8	53-70-3							
29	benzo[ghi]perylene				0.119 mg/kg		0.119 mg/kg	0.0000119 %		
		205-883-8	191-24-2							
30	indeno[123-cd]pyrene				0.122 mg/kg		0.122 mg/kg	0.0000122 %		
		205-893-2	193-39-5							
31	benzo[b]fluoranthene				0.229 mg/kg		0.229 mg/kg	0.0000229 %		
	601-034-00-4	205-911-9	205-99-2							
32	TPH (C6 to C40) petroleum group				34.425 mg/kg		34.425 mg/kg	0.00344 %		
			TPH							
33	benzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
34	toluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
35	ethylbenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
36	o-xylene; [1] p-xylene; [2] m-xylene; [3] xylene [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<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]							
37	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
38	4-bromophenylphenylether				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		202-952-4	101-55-3							
39	hexachlorobenzene				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
40	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
41	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
42	dibenzofuran				0.106 mg/kg		0.106 mg/kg	0.0000106 %		
		205-071-3	132-64-9							

#	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							
43	carbazole	201-696-0	86-74-8		0.126 mg/kg		0.126 mg/kg	0.0000126 %		
44	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
45	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0		<0.5 mg/kg		<0.5 mg/kg	<0.00005 %		<LOD
46	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
47	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
48	4-nitrophenol; p-nitrophenol	609-015-00-2	202-811-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
49	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
50	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol	604-014-00-3	200-431-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
51	2-nitrophenol	201-857-5	88-75-5		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
52	2,6-dinitrotoluene	609-049-00-8	210-106-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
53	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
54	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
55	2,4-dichlorophenol	604-011-00-7	204-429-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
56	2,4,6-trichlorophenol	604-018-00-5	201-795-9		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
57	2,4,5-trichlorophenol	604-017-00-X	202-467-8		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
58	2-chloronaphthalene	202-079-9	91-58-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
59	2-Methylnaphthalene		91-57-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
60	pentachlorophenol	604-002-00-8	201-778-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
61	nitrosodipropylamine	612-098-00-8	210-698-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
62	nitrobenzene	609-003-00-7	202-716-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
63	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
64	hexachloroethane	200-666-4	67-72-1		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
65	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
66	dichlorodifluoromethane	200-893-9	75-71-8		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
67	chloromethane; methyl chloride	602-001-00-7	200-817-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
68	vinyl chloride; chloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
69	bromoethane; ethyl bromide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-055-00-1	200-825-8	74-96-4							
70	chloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
71	trichlorofluoromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		200-892-3	75-69-4							
72	1,1-dichloroethylene; vinylidene chloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-025-00-8	200-864-0	75-35-4							
73	carbon disulphide				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	006-003-00-3	200-843-6	75-15-0							
74	dichloromethane; methylene chloride				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
75	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]							
76	1,1-dichloroethane									
	602-011-00-1	200-863-5	75-34-3							
77	2,2-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		209-832-0	594-20-7							
78	bromochloromethane				<0.005 mg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		200-826-3	74-97-5							
79	chloroform; trichloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
80	1,1,1-trichloroethane; methyl chloroform				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
81	1,1-dichloropropene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
82	carbon tetrachloride; tetrachloromethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
83	1,2-dichloroethane; ethylene dichloride				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
84	trichloroethylene; trichloroethene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
85	1,2-dichloropropane; propylene dichloride				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
86	dibromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
87	bromodichloromethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-856-7	75-27-4							
88	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
89	1,1,1-trichloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
90	1,3-dichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-531-3	142-28-9							
91	tetrachloroethylene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
92	dibromochloromethane				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
93	1,2-dibromoethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
94	chlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
95	1,1,1,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		211-135-1	630-20-6							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
96	styrene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
97	bromoform; tribromomethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
98	1,1,2,2-tetrachloroethane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
99	1,2,3-trichloropropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
100	bromobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
101	cumene; [1] propylbenzene [2]				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]							
102	mesitylene; 1,3,5-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
103	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]							
104	tert-butylbenzene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		202-632-4	98-06-6							
105	1,2,4-trimethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
106	sec-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		205-227-0	135-98-8							
107	4-isopropyltoluene				0.0037 mg/kg		0.0037 mg/kg	0.000000375 %		
		202-796-7	99-87-6							
108	1,3-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
109	1,4-dichlorobenzene; p-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
110	n-butylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		203-209-7	104-51-8							
111	1,2-dichlorobenzene; o-dichlorobenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
112	1,2-dibromo-3-chloropropane				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
113	1,2,4-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
114	hexachlorobutadiene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
		201-765-5	87-68-3							
115	1,2,3-trichlorobenzene				<0.003 mg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		201-757-1	87-61-6							
116	polychlorobiphenyls; PCB				<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-039-00-4	215-648-1	1336-36-3							
Total:								0.0658 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because The potential identified for flammable liquids was discounted as this is a solid waste without a free draining liquid phase and with no evidence of free product.

Hazard Statements hit:

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

Because of determinands:

TPH (C6 to C40) petroleum group: (conc.: 0.00344%)

4-isopropyltoluene: (conc.: 3.75e-07%)

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

■ barium sulphide (EC Number: 244-214-4, CAS Number: 21109-95-5)

GB MCL index number: 016-002-00-X
Description/Comments:
Additional Hazard Statement(s): EUH031 >= 0.8 %
Reason for additional Hazards Statement(s):
20 Nov 2021 - EUH031 >= 0.8 % hazard statement sourced from: WM3, Table C12.2

■ beryllium chloride (CAS Number: 7787-47-5)

Description/Comments: Data from C&L Inventory Database; No entries in Registered Substances Database, IARC or Pesticide Properties Database
Data source: <http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=27264&HarmOnly=no?fc=true&lang=en>
Data source date: 02 Jun 2014
Hazard Statements: Acute Tox. 3; H301 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Carc. 1B; H350 , STOT RE 1; H372 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

■ 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

■ 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

▪ **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

▪ **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

▪ **TPH (C6 to C40) petroleum group** (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013
Data source: WM3 1st Edition 2015
Data source date: 25 May 2015
Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , STOT RE 2; H373 , Muta. 1B; H340 , Carc. 1B; H350 , Repr. 2; H361d , Aquatic Chronic 2; H411

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

GB MCL index number: 601-023-00-4
Description/Comments:
Additional Hazard Statement(s): Carc. 2; H351
Reason for additional Hazards Statement(s):
20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Eye Dam. 1; H318 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 3; H311 , STOT SE 3; H335 , STOT RE 2; H373 , Repr. 2; H361 , Acute Tox. 4; H302 , STOT SE 3; H336 , Skin Sens. 1; H317 , Aquatic Chronic 1; H410

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , STOT SE 3; H335 , STOT SE 3; H336 , Repr. 2; H361 , Aquatic Chronic 3; H412

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Aquatic Chronic 2; H411

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

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Muta. 2; H341, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Acute Tox. 3; H331, Acute Tox. 3; H311, Acute Tox. 3; H301

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 3; H301, Acute Tox. 4; H312, Acute Tox. 1; H330, Acute Tox. 2; H330, STOT SE 1; H370, STOT RE 2; H373

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H302, Acute Tox. 4; H312, Skin Irrit. 2; H315, Eye Irrit. 2; H319, Acute Tox. 4; H332, STOT SE 3; H335, STOT RE 2; H373, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

 2-Methylnaphthalene (CAS Number: 91-57-6)

Description/Comments:
Data source: <http://msds.chem.ox.ac.uk/ME/2-methylnaphthalene.html>
Data source date: 20 Dec 2011
Hazard Statements: Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Acute Tox. 4; H302, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411, Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335

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

Description/Comments: VOC; Data from C&L Inventory Database; IARC considers substance Group 2B;
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Skin Irrit. 2; H315, Eye Irrit. 2; H319, STOT SE 3; H335, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, STOT RE 2; H373

• **dichlorodifluoromethane** (EC Number: 200-893-9, CAS Number: 75-71-8)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Aquatic Chronic 3; H412, Ozone 1; H420, Press. Gas; H280

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312, Ozone 1; H420

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

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H332, Flam. Liq. 2; H225, Acute Tox. 4; H302, Acute Tox. 4; H312, Eye Irrit. 2; H319

• **bromochloromethane** (EC Number: 200-826-3, CAS Number: 74-97-5)

Description/Comments: VOC; Data from C&L Inventory Database
Data source: <https://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 02 Mar 2017
Hazard Statements: Acute Tox. 4; H312, Skin Corr. 1B; H314, Eye Dam. 1; H318, Acute Tox. 4; H332, STOT SE 3; H335, Skin Irrit. 2; H315, Ozone 1; H420

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H332 , Flam. Liq. 2; H225 , Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 4; H332 , STOT SE 3; H335 , STOT SE 3; H336 , Muta. 2; H341 , Aquatic Chronic 2; H411

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , STOT SE 3; H335 , Asp. Tox. 1; H304 , Aquatic Chronic 2; H411

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Chronic 2; H411

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Asp. Tox. 1; H304 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Chronic 2; H411

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3; H226 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

GB MCL index number: 602-039-00-4

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

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 1 (23, Sup 7, 100C) 2012

Appendix B: Rationale for selection of metal species

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

Worst Case

arsenic {arsenic acid and its salts with the exception of those specified elsewhere in this Annex}

Worst case species (edit as required)

barium {barium sulphide}

Changed to Barium Sulphide (Second most conservative) as Barium Chromate is unlikely to be present within soils; due to a lack of Chromium VI and low total chromium, and as the compound relates primarily to chemical processes and limited use in yellow paints not anticipated onsite.

beryllium {beryllium chloride}

Worst case species (edit as required)

boron {boron tribromide}

Worst case species (edit as required)

cadmium {cadmium sulfate}

Worst case species (edit as required)

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

Worst case species (edit as required)

chromium in chromium(VI) compounds {chromium(VI) oxide}

Worst case species (edit as required)

copper {copper sulphate pentahydrate}

Worst case species (edit as required)

lead {lead chromate}

Worst case species (edit as required)

nickel {nickel diiodide}

Worst case species (edit as required)

selenium {selenium compounds with the exception of cadmium sulposelenide and those specified elsewhere in this Annex}

Worst case species (edit as required)

vanadium {divanadium pentaoxide; vanadium pentoxide}

Worst case species (edit as required)

zinc {zinc chromate}

Worst case species (edit as required)

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2021.347.4961.9421 (13 Dec 2021)

HazWasteOnline Database: 2021.347.4961.9421 (13 Dec 2021)

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

Appendix H Explosive Ordnance Threat Assessment



EXPLOSIVE ORDNANCE (EO) THREAT ASSESSMENT (EOTA)

Langstone, Havant: Centred on Mill Lane & Langstone Road

This assessment draws together all the available information with regards to the site of concern regarding potential Explosive Ordnance (EO) Contamination. It assigns an Explosive Ordnance Threat Level and proposes an appropriate Risk Management Strategy to reduce any associated risks.

This assessment has been produced in compliance with the Construction Industry Research and Information Association guidelines (Report CIRIA 681, dated Dec 08) for the preparation of detailed Risk Assessments in the management of UXO risks in the construction industry, for which PLANIT was an instrumental driver for improved UXO risk management and transparency.



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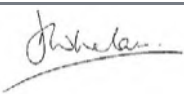
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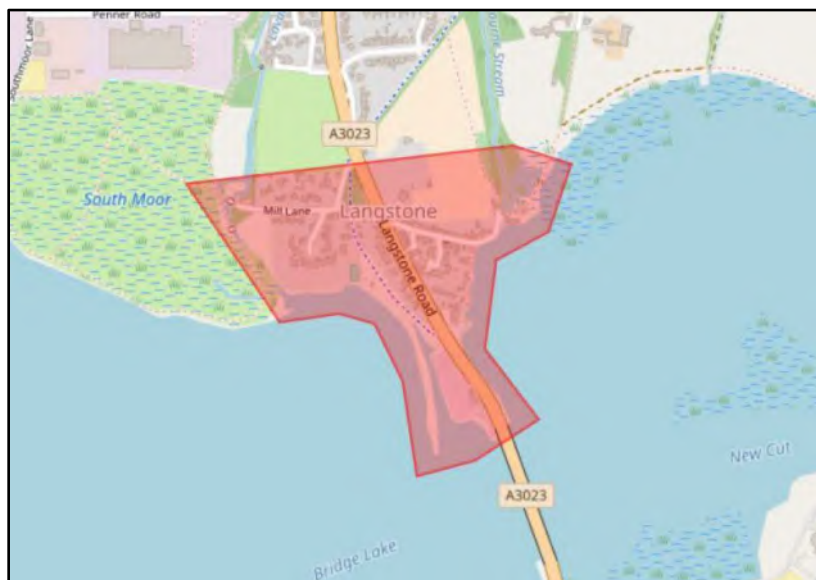
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EXECUTIVE SUMMARY

SITE DESCRIPTION

The site is in the south east corner of Hampshire, midway between Portsmouth and Chichester. The site of interest runs from Langstone (to the south of Havant) onto Shipwrights Way down Langstone Road (A3023) onto Langstone Bridge. It is loosely bounded by Mill Lane and Langstone High Street to the north, Emsworth Harbour to the east and South Moor to the west.



The site is centred at National Grid Reference **SU 716 050** and the nearest Post Code is **PO9 1RX**.

POTENTIAL THREAT SOURCE

The following types of explosive ordnance are a potential threat across various parts of the site area within the UXB Threat Zone:

- Large, air-dropped, German HE Bombs including 50, 250, 500 and 1,000kg bombs (of WW1 and WW2 vintage).
- British AAA projectiles.
- Ad hoc legacy EO.
- German sea mines (WW2 vintage).

THREAT PATHWAY

For the purposes of this assessment, it has been assumed that development works would include intrusive excavations into WW2 ground levels. It is anticipated that personnel or key equipment may complete the risk pathway during excavation and/or piling operations that may bring them into physical contact with potential threat items.

KEY FINDINGS

- The wider area was bombed in WW1 and WW2. Although bombing may not have affected those areas that were developed at the time, namely Langstone Village and Mill Lane themselves, it may well have gone unnoticed in areas that were not developed or were underwater at the time.
- The possibility that AAA projectiles returned to earth or fell into water unexploded and remain underground or on the sea bed to this day cannot be reasonably ruled out in areas not subjected to significant development post-War.
- *Ad Hoc* military ordnance may have been lost, discarded or remain across the site area because of military operations, especially in areas covered by water, to remain a potential threat today.
- There is information to indicate that the Harbour was mined by the enemy in WW2.
- No UXBs are officially recorded across the site area.
- No Abandoned Bombs are officially known across the site area.
- No other EO contamination events are reasonably known to have occurred at the site.

THREAT LEVEL	The Ordnance Threat Levels within the UXB Threat Zone are: <table><tr><th>Explosive Ordnance Type</th><th>Threat Level</th><th>Mitigation Measures</th></tr><tr><td>All Ordnance Types</td><td>MEDIUM</td><td>Review & emplace strict control measures if necessary</td></tr></table>	Explosive Ordnance Type	Threat Level	Mitigation Measures	All Ordnance Types	MEDIUM	Review & emplace strict control measures if necessary
Explosive Ordnance Type	Threat Level	Mitigation Measures					
All Ordnance Types	MEDIUM	Review & emplace strict control measures if necessary					
THREAT MITIGATION	If an encounter risk is created within the UXB Threat Zone, a UXO Threat Mitigation Strategy IS REQUIRED to be in place prior to intrusive engineering works at this site of concern.						
THREAT REVIEW	A review of these recommendations must be undertaken considering any additional, relevant information being provided. Such a review may, if the EO Threat Level is deemed to have altered, make alternative recommendations from those made above to implement work safely.						
AIM & METHODOLOGY	The aim of this assessment is to identify any threats that may be posed by EO during the proposed engineering works at the site of concern and, where a threat is identified, to recommend a risk mitigation strategy that will reduce this threat to acceptable levels. This assessment follows the CIRIA 681 Guidelines, which were compiled using, as a main driver of change, PLANIT’s innovative approach to EO risk assessment. The following key considerations are addressed in this assessment: • The risk that the site of concern was contaminated by EO. • The risk that EO remains on site. • The risk that EO may be encountered during the proposed engineering works. • The risk that EO may be initiated by proposed engineering works. • The consequences of encountering or initiating EO. If the likelihood of encountering EO is significant, information about the types and natures of that EO and the expected levels of contamination is considered within the source-pathway-receptor context of contamination. Should a confirmed pathway exist, the information is entered in our proprietary Threat Assessment Matrices to arrive at a valid and transparent Threat Level. The Threat Level allows relevant conclusions to be made about the EO Risk at the site of concern, which in turn allows an appropriate Risk Mitigation Strategy to be developed. The Threat Mitigation Strategy is intended to give the Client a best-fit, safe solution that will allow the level of risk from EO to be reduced to an acceptable level; providing maximum project planning flexibility. PLANITs approach to EO threat assessment has been fundamental in driving change throughout the UK Commercial EOD Industry and was instrumental in the drafting of CIRIA 681. PLANITs approach provides transparency to our EO risk assessment process allowing the Client to make valid decisions on what is a specialist activity; empowering them to maintain control over this vital aspect of their project - Where necessary, appropriate EO risk mitigation measures will be recommended. This assessment considers general and site-specific factors, including: • Historical use of the site in relation to ordnance manufacturing, storage and disposal. • Historical use of the site in relation to Military training and related facilities. • Evidence of offensive aerial and naval bombardment during WW1 and WW2. • Evidence of Unexploded Bombs (UXBs)						

	• Previous EO incidents and/or EO survey/clearance activities. • Extent of post-war redevelopment. • Proposed engineering works.
RELIABILITY OF HISTORICAL RECORDS	This assessment is drawn from detailed research into the available historical evidence. Every effort is made to gather all the relevant material; however, PLANIT cannot be held responsible for any changes to the assessed level of risk or proposed risk mitigation strategies due to subsequent information that may come to light later. The accuracy and detail of wartime historical records is difficult to verify, not least of which is due to the conditions under which much of this information was gathered and recorded. Additionally, recording of information was less formalised in the early days of the German air campaign against the UK mainland (Pre-Bomb Census Record) and much information recorded early on was lost during subsequent air raids. Records for rural, sparsely populated areas are not always reliable, being based on second-hand information in many cases; records of attacks on military installations was often recorded independently from general records and many such archives have been lost or remain undisclosed to the public. Consequently, the exact location, quantity and nature of the EO threat cannot be definitive but rather remains subjective and is based on the careful analysis by experts of the available information. PLANIT cannot accept liability for any gaps in the historical record.

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SITE LOCATION & DESCRIPTION

SITE OF CONCERN

The site is in the south east corner of Hampshire, midway between Portsmouth and Chichester. The site of interest runs from Langstone (to the south of Havant) onto Shipwrights Way down Langstone Road (A3023) onto Langstone Bridge. It is loosely bounded by Mill Lane and Langstone High Street to the north, Emsworth Harbour to the east and South Moor to the west.

The site is centred at National Grid Reference **SU 716 050** and the nearest Post Code is **PO9 1RX**.

The site is almost entirely developed and turned over the residential housing and gardens with attendant roadways. The site appears to be flat and level and extends to some 30.0ha.

Maps showing the site location and layout are at Annex A.

SCOPE OF PROPOSED WORKS

The planned redevelopment works are unknown at the time of writing this assessment, but it is anticipated that development works are likely to involve deep engineering works, possibly including bulk excavation and piling, into WW2 ground volumes potentially both on land and onshore.

GEOLOGICAL ENVIRONMENT

No site-specific geological information is available at the time of writing of this assessment, however historic boreholes indicate that near to the site area Topsoil lies from surface to some 0.61m bgl over brown sandy silty clay with flints to some 1.83m bgl, silty chalk increasing with depth to at least 4.57m bgl unproven.

REVIEW OF RELEVANT DATASETS

SOURCES OF INFORMATION

PLANIT ensures that Explosive Ordnance Threat Assessments (EOTAs) are as comprehensive as possible and detailed research is undertaken to collate all the available EO-related information that relates to the site of concern. Information sources may include, but are not restricted to:

- National Historic Archives.
- Local Authority & Council Archives.
- English Heritage National Monuments Record.
- Ministry of Defence Archives
- PLANITs extensive archives drawn from many years of detailed research and operational experience of UXO Risk Management activities in the UK and abroad.
- Joint Service EOD (JSEOD) Centre.
- Historic Mapping and Aerial Photography.
- Specific UXO-related documents such as military bombing and casualty records.
- Local libraries and history groups.
- Open sources such as published books and internet searches.
- Anecdotal evidence from eye witnesses.

NB: The MoD information office that deals with requests for information relevant to EO clearance operations completed by the MoD is currently facing significant delays. Although a request has been submitted, any information that may be relevant has not yet been forwarded for timely inclusion in this assessment. However, if any relevant information comes to light from this source that affects the threat assessment, this will be notified to the client as a matter of urgency.

SITE HISTORY

Prior to the start of WW2 in **1932**, the site was a sparsely populated village (Langstone) with a well-established street layout which defined the future development of the area. Several properties were spread across the area including two public houses, a disused Mill along Mill Lane Coastguard Cottages overlooking Emsworth Harbour. A Quay was established with a couple of crossing points to Hayling Island – Langstone Bridge (Swing) to the west and Hayling Bridge (Swing) to the east. It is worthy of note that the Highest Point to which the tides flow is marked on the map and extends right up to Mill Lane – This means that during the air raids of WW2, a large part of South Moor was likely underwater.

The site area remains relatively unchanged throughout the War years and through to no later than **1975** when there has been significant development of the area to the east of Langstone Road with many new buildings in evidence. The crossings to Hayling Island have changed considerably as the former Langstone swing bridge has been closed and the former Hayling Bridge has been modernised and renamed Langstone Bridge. By no later than **2002**, development of the site area to the west of Langstone Road and especially to the south of Mill Lane has occurred and a few more houses appear further south towards the bridge. No significant development is evident onshore. The site remains laid out in this way to the present day.

ORDNANCE MANUFACTURE & STORAGE

During WW1 and WW2, Hampshire housed several facilities involved in the manufacture, storage, filling and testing military ordnance (not necessarily explosive in nature), but none that posed a potential threat to the site of concern.

	Location	Nature of Facility	Opened	Closed	Product
	Farnborough	Royal Aircraft Establishment (RAE)	1905	-	Aircraft and aircraft materials (mainly experimental)
	Longparish nr. Andover	His Majesties Explosive Factory	Early 1917	-	Acetate of Lime
	Southampton, Northam	National Sawmill	Nov 1917	-	Sawing Timber
	Southampton, Empress Road	Gun Carriage Repair Factory (GCRF)	Early 1918	-	Repairing gun carriages and breach mechanisms

MILITARY HISTORY	The area surrounding the site of concern was heavily involved in the War effort both in terms of air defences and military training. Hayling Island and Langstone Harbour played an important role in the D-Day preparations as well as providing decoy sites and anti-aircraft batteries to defend Portsmouth. There are numerous records of crashed aircraft in the area, both British and German, in the sea and on land, sightings of regular U-Boat activity and defensive structures survive from that time. There are several boat wrecks in Langstone harbour one of which is a tug named the <i>Irishman</i> dating from 8 May 1941which was sunk by a magnetic mine and now rests partially submerged at low tide. The specific locations of most of the military activity across the wider area is impossible to know, but it is clear that in particular out to sea, a great deal of military activity took place historically.
------------------	--

CIVIL DEFENCE	<u>Anti-Aircraft Installations.</u> Portsmouth (and its surrounding area) possessed a peak of 20 Heavy Anti-Aircraft Batteries during WW2, including 4.5, 3.7 and 3-inch Anti-Aircraft (AA) guns: <table><tr><th>Name</th><th>Location</th></tr><tr><td>Southsea Common</td><td>SZ 636 989</td></tr><tr><td>Sinah</td><td>SZ 701 997</td></tr><tr><td>Sinah</td><td>SZ 699 994</td></tr><tr><td>Gilkicker</td><td>SZ 603 982</td></tr><tr><td>Holbrook</td><td>SU 592 021</td></tr><tr><td>Hayling</td><td>SU 722 037</td></tr><tr><td>Binstead</td><td>SZ 573 915</td></tr><tr><td>Moorlands</td><td>SU 686 070</td></tr><tr><td>Nelson</td><td>SU 601 076</td></tr><tr><td>New Street</td><td>SZ 466 940</td></tr><tr><td>Greenwich</td><td>SU 529 033</td></tr><tr><td>Prospect Farm</td><td>SU 728 091</td></tr><tr><td>Southwich</td><td>SU 640 075</td></tr><tr><td>-</td><td>SU 528 081</td></tr><tr><td>Highgrove</td><td>SU 673 022</td></tr><tr><td>Binstead</td><td>SZ 559 923</td></tr><tr><td>-</td><td>SZ 579 995</td></tr><tr><td>Fareham</td><td>SU 553 075</td></tr><tr><td>Calshot/ Hook Grange</td><td>SU 501 043</td></tr><tr><td>Eastoke Farm</td><td>SU 745 988</td></tr></table> One of these sites – Hayling SU 722 037 – is located about 1.0km to the south east of the centre of the site area. Due to the relatively high failure rate of Anti-Aircraft Ammunition (AAA) during this time, there remains the possibility that such ordnance fell back to earth creating additional UXO hazards. This type of ordnance had the potential to penetrate the ground to significant depths and cannot be entirely discounted as a potential threat source although its potential presence is rarely possible to determine with any quantifiable degree of certainty. Another of these sites – Sinah – is recorded as receiving a direct hit during an air raid in April 1941¹ resulting in injuries and fatalities.	Name	Location	Southsea Common	SZ 636 989	Sinah	SZ 701 997	Sinah	SZ 699 994	Gilkicker	SZ 603 982	Holbrook	SU 592 021	Hayling	SU 722 037	Binstead	SZ 573 915	Moorlands	SU 686 070	Nelson	SU 601 076	New Street	SZ 466 940	Greenwich	SU 529 033	Prospect Farm	SU 728 091	Southwich	SU 640 075	-	SU 528 081	Highgrove	SU 673 022	Binstead	SZ 559 923	-	SZ 579 995	Fareham	SU 553 075	Calshot/ Hook Grange	SU 501 043	Eastoke Farm	SU 745 988
Name	Location																																										
Southsea Common	SZ 636 989																																										
Sinah	SZ 701 997																																										
Sinah	SZ 699 994																																										
Gilkicker	SZ 603 982																																										
Holbrook	SU 592 021																																										
Hayling	SU 722 037																																										
Binstead	SZ 573 915																																										
Moorlands	SU 686 070																																										
Nelson	SU 601 076																																										
New Street	SZ 466 940																																										
Greenwich	SU 529 033																																										
Prospect Farm	SU 728 091																																										
Southwich	SU 640 075																																										
-	SU 528 081																																										
Highgrove	SU 673 022																																										
Binstead	SZ 559 923																																										
-	SZ 579 995																																										
Fareham	SU 553 075																																										
Calshot/ Hook Grange	SU 501 043																																										
Eastoke Farm	SU 745 988																																										

¹ Havant History Booklet: War Memories on Hayling Island – Noel Pycroft and John Rogers.

Civil Defence Sites.

As would be expected, Portsmouth had several Civil Defence (SF ‘Starfish’ series) sites designed to protect the city from aerial attack. Portsmouth’s Starfish Sites were located at:

Name	Location
Farlington Marshes SF ²	SU 687 041
Sinah Common SF	SZ 695 992

In addition, given its maritime role, Portsmouth had several Naval Decoy sites (N Series):

Name	Location
North Binnes Island QL ³	SU 695 046
40 Acre Farm SF/QL	SU 696 035
Hayling Island (W) SF/QL	SU 715 012
Long Island QL	SU 702 042
Bakers Island QF ⁴	SU 696 035
South Business Island QF	SU 698 033
Round Nap QF	SU 705 034
Old Oyster Bed QL	SU 705 033
Hayling Island West QF	SU 707 023
Sinah Sands QL	SU 693 009

Two of these sites – Hayling Island (W) and Hayling Island West – were located 3.5km south of the site area. There is anecdotal evidence that the decoys installed at Hayling Island and Langstone (which is not listed officially) were successful in tricking enemy bombers into thinking that Langstone Harbour was Portsmouth⁵. During the night of 17/18 April 1941, German bombers targeted Portsmouth and the decoys were employed and worked, with bombs being dropped short in Langstone harbour rather than Portsmouth harbour.

Annex B shows the location of the nearest civil defence facilities that may impact on the site area.

WW1

Great Britain suffered many ‘Zeppelin’ aerial bombardments and aerial attacks by Gotha and Giant Bombers during WW1 as well as several naval bombardments from the sea. Hampshire’s sole Zeppelin raid during WW1 is shrouded in mystery. In 1916, Commander Heinrich Mathy diverted his airship L31 to Portsmouth. Under intense fire from the dockyard he dropped several bombs. The German High Command said that Portsmouth had been, “lavishly bombarded with good results”, but there is no evidence of anything being hit in Portsmouth. L31 was one of a fleet of new ‘super-Zeppelins’ and by the autumn of 1916 her commander, 33-year-old Heinrich Mathy, had made several successful raids on the South East of England. A clear sky one night caused him to turn west where he hoped for cloud cover and weaker defences. In the event, the Portsmouth guns unleashed an “unearthly concert” which L31 was fortunate to escape. (Her survival was short-lived. Six days later, the airship was shot down at Potters Bar by a British fighter plane. Mathy is reported to have jumped as L31 burst into flames, and in a famous photograph the imprint of his body can be seen in the Hertfordshire soil.)

This raid is not known to have delivered ordnance directly onto the site of concern, however, any ordnance falling into unoccupied sites or bodies of water would have been virtually impossible to identify.

WW2 – GERMAN AERIAL BOMBING CAMPAIGN

At the outbreak of WWII, the site sat close to routine, viable Luftwaffe targets including military, economic and industrial sites, railway infrastructure and maritime facilities supporting the War Effort. Langstone Harbour was used as a decoy site to protect Portsmouth from enemy action and it was one of the few successful installations of its kind at diverting aerial bombing away from its intended target. The high-altitude area bombing during this

² SF (site): ‘Starfish’ Large Fire Decoy.

³ QL (site): Lighting Decoy.

⁴ QF (site): Small Fire Decoy.

⁵ Havant History Booklet: War Memories on Hayling Island – Noel Pycroft and John Rogers.

period was notoriously inaccurate with areas surrounding specific targets suffering during attacks on the targets themselves.

The site of concern was placed within Region 6 (Birmingham), for Civil Defence purposes and a summary of the bombs that fell on Region 6 throughout WW2 are shown below:

Ordnance Type	No of Bombs
High Explosive (HE)	
50Kg HE	808* (73)** + 1 175 (40)
250Kg HE	248 (21) + 864 (18)
500Kg HE	24 (3) + 597 (68)
1000Kg HE	7 (3) + 74 (10)
1200Kg HE	(3)
1800Kg HE	1
Parachute Mine	271 (65) + 381
G-Mine	10 (4) + 3
V1 'Doodlebug'	-
V2 Long Range Rocket Bomb	-
Anti-Personnel Bomb	2
Incendiary	
50kg Phosphorus	21 (34)
Small IBs	55 988
Fire Pot	-
Oil Bomb	496 (39) + 551 (1)
Containers	4
Unclassified	14 724 (2181) + 18 088 (17)
*Figures in blue denote pre-bomb census.	
**Figures in brackets denote unexploded ordnance.	

By August 1940, the Battle of Britain had reached its peak by which time many bombs had been dropped on Hayling Island to the south of the site area of concern. The first bomb fell in a rabbit warren at the 'Pound' and another fell in Hollow Lane killing a local builder. Another bomb fell on Palmerston Road killing a grandmother and granddaughter. German Messerschmit ME-109 fighter bombers were seen dropping bombs 'along the beach'. A 'great many' bombs are mentioned as falling on Hayling at this time with the largest crater being on Verner Common. Other bombs penetrated deep enough to 'form a pie crust' on the surface which subsided with time. Arbuthnot's pig farm was destroyed, and West Town was 'flattened' by a landmine on 17 April 1941. Incendiary bombs fell 'everywhere' and set fire to the gorse in front of St. George's Road. Junker 87 aircraft were reported as dive bombing Thorney Island.

During WW2, there were 27 civilian deaths in Havant and Waterloo Urban District, including eight in Havant and Bedhampton. Several deaths were directly because of German aerial bombing at the time including the destruction of 26 Fourth Avenue, Denville (1km NE of the site area) and Petit Cottage, Southleigh Road (2km NE of the site area) on 5 December 1940, when 25 high explosive bombs and over 100 incendiary bobs landed on Bedhampton, Havant and Hayling. 1 The Cottage, Helmsley House, East Leigh Road, Havant (2.5km NE of the site area) was destroyed killing the occupants on the same night that the Sinah Anti-Aircraft site on Hayling Island was directly hit. Most of the deaths occurred on Hayling Island because of its role as a decoy for diverting bombing from Portsmouth. By May 1941, concentrated aerial attacks were diverted elsewhere, and only sporadic bombing of London and the Southeast of England occurred.

UNEXPLODED BOMBS (UXBs)

Between 1940 and 1945, Bomb Disposal (BD) Teams cleared over 50,000 items of German air-dropped ordnance of 50Kg or larger, 7 000 anti-aircraft (AA) projectiles and more than 30 000 beach mines – This work claimed the lives of 394 Officer's and men. The War Office at the time stated that over 200 000 HE bombs exploded in Britain during WW2 with some 25 195 remaining a threat as UXBs i.e. 11%. Some 93% of all UXBs were 50Kg HE and 250Kg HE aerial bombs.

	No UXBs are known to be located on or near to the site area.
ABANDONED BOMBS	A post-air raid search of damaged buildings and facilities would have included a specific search for bomb entry holes. If such evidence was discovered, then BD Teams would have been tasked (in order of strict priority from Category A, the highest priority, to category D, the lowest) to assess the potential UXB and to recommend a course of action. UXBs that were deemed to be a high enough priority, were tackled by the BD Teams who made strenuous efforts to recover and dispose of these items. However, it was not always possible to recover such bombs either through physical constraints, a lack of resources or a change in priority. Such UXBs were noted as 'Abandoned'. Due to the low priority of abandoned bombs, records that detail them are sketchy and sometimes contradictory. Others were subsequently recovered after the War when time and resources permitted, and others remain 'abandoned'. It is worth remembering that 'abandoned' bombs may also include suspected UXBs that were reported but not confirmed, but simply efforts to locate the 'bomb' were exhausted. No Abandoned Bombs are recorded in the Havant area.
BOMB CENSUS MAPS	The site of concern is not covered by Bomb Census Maps from WW2. There is good anecdotal evidence from the period which do mention large, air-dropped High Explosive (HE) Bombs and/or Incendiary Bombs (IBs) landing near to the site area especially to the south on Hayling Island and in the northern parts of Havant itself.
HISTORICAL STREET MAPS	Historical street plans of the period are a useful indicator of whether an area may have suffered bomb damage. The street layout prior to WW2 is the start state and major changes to street layouts or building boundaries may indicate that the change was due to bomb damage. In this instance, there are no significant changes to the street layout between 1932 and 1942 evident. However, the site area at this time was sparsely developed and much was undeveloped and covered by marsh and open water. The relevant Historical Street Plans are at Annex C.
HISTORICAL AERIAL PHOTOGRAPHY	The same rationale applies with historic aerial photography as it does when examining historical street plans – changes between pre-war and post-war images may indicate the possibility of damage caused by bombs falling on the site. Sometimes, detail is such that it allows bomb damage to be seen directly on sites of concern. Unfortunately, no relevant post-War aerial photography available which covers the site area of concern to allow any meaningful analysis to be made.

THREAT ANALYSIS

IS THERE EVIDENCE THAT THE SITE WAS AFFECTED BY AIR-DROPPED BOMBS?

Yes.

The historical record is acknowledged as being incomplete from a National perspective and there are no official bomb census maps that can be examined but there is good anecdotal evidence to indicate that the site of concern, in particular that part underwater or in areas that were undeveloped at the time, was potentially affected by air-dropped bombs during WW1 and WW2; both by large air-dropped bombs and smaller anti-personnel bombs or incendiary bombs.

IS THERE EVIDENCE THAT THE SITE WAS AFFECTED BY OTHER EXPLOSIVE ORDNANCE CONTAMINATION EVENTS?

Yes.

Anti-Aircraft Artillery. The potential for British anti-aircraft artillery falling back to earth as UXBs and remaining on the site undiscovered can rarely be entirely ruled out, especially in areas that were not developed at the time or were remote from human intervention such as wide open, woodland areas or water bodies. However, in this case, due to the proximity of several Heavy Anti-Aircraft Artillery Batteries defending Portsmouth, the possibility that AAA projectiles fell back to earth and remaining unexploded under the ground or underwater today cannot be reasonably ruled out.

Civil Defence. A few civil defence sites were located near to the site area of concern that indicate the possibility that erroneous Luftwaffe bombing would have produced a consequent UXO risk, especially in the harbour itself and in areas that were undeveloped at the time. The efficacy of these decoy sites is specifically mentioned in the anecdotal record in this case and many bombs were dropped in and around Hayling Island and Langstone Harbour that were intended for Portsmouth.

Ad Hoc Military Activity. The potential for *ad hoc* military activity to have generated explosive ordnance contamination at any site is generally unquantifiable. However, in this instance, given the great deal of military activity that was taking place at the time, especially in the run up to D-Day, this possibility cannot be ignored, especially in areas that were undeveloped or underwater at the time.

Ordnance Manufacture/ Storage. The disposal of shelf-expired or damaged ammunition was haphazard compared with today's procedures and it would not be uncommon to discover areas used for land burial of unwanted ordnance products and by-products on former munition facilities. However, the site is not co-located with any such facilities, so this potential source of contamination may be ruled out.

No other ordnance contamination events are known across the site area.

IF ENCOUNTERED, WHAT ORDNANCE TYPES ARE ANTICIPATED?

Of all the large bombs that were recorded as falling in Region 6 in WW2; 17.5% were 1000kg or larger, 14.5% were 500kg and 24% were 250kg HE bombs and the remaining 44% were 50kg HE Bombs. We must also consider the possibility, however remote, that Anti-Aircraft Artillery (AAA) projectiles or *Ad Hoc* Explosive Ordnance (EO) because of military training could remain as a potential threat to the site from both WW1 and WW2. In addition, sea mines have been recorded in the harbour.

Therefore, *if an ordnance-related threat exists*, the following items of EO may be anticipated to be potentially present on the site of concern if an ordnance-related threat exists:

- Large, air-dropped, German HE Bombs including 50, 250, 500 and 1,000kg bombs (of WW1 and WW2 vintage).
- British AAA projectiles.
- Ad hoc legacy EO.
- German sea mines (WW2 vintage).

WHAT IS THE EXPLOSIVE ORDNANCE / UXB ENCOUNTER DEPTH?

Ministry of Homeland Defence Security Bomb Penetration Studies. A major study was completed by the Ministry of Homeland Security during WW2, during which the penetration depths of 1 328 air-dropped bombs (as reported by the BD Sections of the day and mostly in the Birmingham area) were recorded. It was concluded, not surprisingly, that the penetration depths of different sized bombs varied according to the geology into which they fell.

The average Bomb Penetration Depth (BPD) of 430 x 50Kg HE bombs in London Clay was found to be 4.6m and that for a 250Kg bomb 6.1m. Also, they concluded that a 500Kg bomb, the largest common bomb dropped during the War, had a likely penetration depth of 6m in sand and 8.7m in clay – the maximum observed for a 500Kg was 10.2m and for a 1000Kg bomb was 12.7m. It should be remembered that these depths were achieved unencumbered by obstacles to penetration such as buildings, concrete and brickwork.

The 'J' Curve. The 'J-curve' describes the path of a bomb (dropped from a normal altitude of about 5 000m) into homogenous ground will continue its line of flight (unless deflected by a substantial obstacle) but then turn upwards towards the surface before it stops. The horizontal distance (the 'offset') between the point of entry and final resting position was typically 1/3 of the ultimate penetration depth for a bomb. Therefore, if a bomb fell close to the exterior of a building or site and did not explode, the path that the bomb subsequently travelled beneath the ground, the "J-Curve", may have delivered it beneath the building or site footprint. The J-curve is often misunderstood and used to describe the path taken by a bomb dropped from low flying aircraft to which it should not be applied.

The final penetration depth of an air-dropped depends upon many factors; the velocity (as a function of the mass and speed) of the bomb, – PLANIT uses a standard velocity of 267m/s for assessment purposes – the angle of penetration of the bomb, the physical features through which the bomb travelled prior to impact with the ground, and the geology of the ground into which it entered - Generally, the softer the ground, the deeper the expected penetration depth of the bomb. Peat, alluvium and soft clays are easier to penetrate than gravels and/or sand and water content also plays a part. In addition, it must be remembered that 'barrier geology' such as very dense gravels or bedrock i.e. geology dense enough to stop the progress of a bomb underground, is an important factor in determining the median BPD.

The following UXO encounter depths *from WW2 ground levels* are estimated:

On Land.

Type of Ordnance	Av. Penetration Depth (m bgl)	Geology Multiplication Factor	Adjusted Av. Max Penetration Depth (m bgl) to 1sf	Offset (m)
Small Incendiary and AP bombs & Ad hoc legacy EO	Surface (WW2 ground level)	3/2	Surface (WW2 ground level)	NA
British AAA projectiles	2.0		3.0	1.3
Air-dropped Bombs: 50kg	4.0		6.0	2.6
Air-dropped Bombs: 250kg	6.0		9.0	3.9
Air-dropped Bombs: 500kg	9.0		13.5	3.0
Air-dropped Bombs: 1000kg	11.0		16.5	7.2

It must be remembered that UXBs can be found *at any depth* from WW2 ground level down to their maximum estimated depths.

Additionally, if a large degree of post-War made ground is present, then this must be added to the estimated penetration depth to arrive at a more precise BPD from today's ground levels.

HOW COULD AN UNCONTROLLED DETONATION BE BROUGHT ABOUT?

Unexploded Bombs rarely spontaneously explode. High Explosive (HE) requires a great deal of energy to create the necessary conditions for detonation to occur. In the case of WWII German bombs being disturbed during intrusive ground works, there are several scenarios to be considered:

- **Direct impact onto the main body of the bomb.** Although this is a possibility, there is little chance of generating enough energy to detonate the explosive fill unless the fuse itself is directly struck.

WHAT WOULD THE EFFECTS OF SUCH A DETONATION BE TO THE SITE?

- **Re-starting the mechanical clock-timer in a bomb fuse.** This is a possibility. It is probable that environmental conditions have corroded the fuse sufficiently to prevent clockwork mechanisms from functioning. However, under some conditions, fuse elements will be in a good condition and additional movement of a bomb fuse may be sufficient to restart a previously 'jammed' mechanical clockwork mechanism.
- **Induction of a static charge, creating a sufficient current to initiate an electric fuse.** This is an unlikely event. Environmental conditions are likely to have corroded the fuse, degrading its components sufficiently to prevent them from functioning. Any elements of the fuse capable of holding a charge would have dissipated in the time since the bomb failed to function.
- **Friction impact initiating fuse elements causing bombs to detonate.** Although remote, this is the most likely scenario that may result in a bomb detonating. Weathering within the fuse pocket can cause the explosives within the fuse to breakdown, crystallize and exude from the fuse itself. Violent physical disturbance of this exuded material carries the remote possibility of initiating the fuse mechanism which in turn will initiate the bomb.

The effects of WWII German bombs detonating have been the subject of several well recorded studies. The general effect of an explosive detonation will depend upon:

- The size of the bomb and its Net Explosive Quantity (NEQ) (i.e. how much explosive material it contains).
- The type of fill in the bomb (i.e. high explosive, incendiary, photoflash).
- The physical location of the bomb. Whether it is:
 - On the surface.
 - Partially buried.
 - Buried (A bomb is 'buried' when it is more than 2½ times its own length below ground level and covered).
- The locations of the bomb in relation to other structures.
- The strength and design of structures near to the seat of an explosion.
- The nature of the ground (i.e. sand, gravel, clay, marsh etc.).
- The location of the bomb in relation to human and animal populations.

There would be the potential for ground shock to damage important underground structures including sewers, communication cables, and foundations.

The potential Damage Radii to various underground structures has been assessed by extrapolating from the Joint Service Publication 364 which is the MOD Manual for assessing bomb damage. Potential damage radii for underground structures are assessed as:

Underground Structure	Damage Radius (m)
Brick Walls	30
Foundations	60
Cast Iron/ Concrete Pipes	15
Earthenware/ brick Sewers	25
Electric Cables/ Steel Pipes	12

For underwater ordnance, the calculations for blast effects are complicated:

- The safe distance for merchant ships from underwater ordnance is described as: $R = 12\sqrt{W}$
- The safe distances for swimmers/ divers from underwater ordnance is described as: $R = 270^{x3} \sqrt{W}$

	Where R is distance (m) and W is weight of charge (kg TNT equivalent). For example, for an average mine weighing 600lb (227kg), the safe distance for ships would be 200m. This distance would be doubled routinely for merchant/ civilian passenger shipping.
WOULD THE SITE CONDITIONS AFFECT THE BOMB FAILURE RATE?	Yes, potentially. Given that large areas across the site are covered by water and or soft geology, there is evidence to suggest that bomb failure rate at the site of concern could have been different from and higher than that routinely experienced, i.e. 10-15% of all bombs dropped.
WOULD UXBs HAVE BEEN DISCOVERED DURING WW2?	Density of Bombing. Havant received a relatively low density of bombing in WW2, but we know that developed areas of the site itself received no direct bomb damage. This fact would have made data gathering at the time easier and the likelihood of overlooking UXBs lower. This is not the case for areas that were undeveloped or covered by water at the time, where data gathering was challenging. Frequency of Access. As a developed area in use, i.e. Langstone village and Mill Lane, some the site of concern would have been subject to post-air raid survey and clearance. The fact that the site itself was not seriously affected by bombing, means that any post-raid survey activities that may have been conducted would have been thorough. This would have made the likelihood of identifying smaller items of EO (such as Incendiaries and AP bomblets) quite high whilst larger UXBs would have been more readily identified, despite entry holes of UXBs being diminutive. This is not the case for areas that were undeveloped or covered by water at the time where UXB entry holes could easily have been overlooked or been rendered unidentifiable. Ground Cover. Some of the site of concern i.e. Langstone village and Mill Lane, was partly covered with substantial buildings and hard standing streets, likely concrete, whose physical characteristics would act to retard the progress of UXBs underground by reducing their overall velocity prior to impact. Any damage caused by either detonating ordnance or UXBs travelling through built structures or hard standing would allow bomb damage to be more readily identified increasing the chances of discovering UXBs accordingly. This is not the case for areas that were undeveloped or covered by water at the time, where the maximum potential BPDs must be considered as the 'worst case'. Peripheral Bomb Damage. We know that the developed area of the site of concern were not subject to serious bomb damage during the War. This decreases the possibility of post-air raid operations failing to identify entry holes of potential UXBs. This is not the case for areas that were undeveloped or covered by water at the time.
DOES THE SITE'S DEVELOPMENT HISTORY AFFECT THE POTENTIAL FOR UXO ENCOUNTER?	Yes. The fact that significant, post-War redevelopment has taken place at the site is worthy of note, since opportunities to locate Unexploded Ordnance (UXO) during redevelopment have been created. This is especially true of the development of the area to the east of Langstone Road and the changes to the crossings to Hayling Island in the 70s as well as that to the west of Langstone Road and to the south of Mill Lane by 2002. No significant development is evident onshore other than that which must have taken place in the immediate vicinity of the new Langstone Bridge crossing. It is worth noting that historical development either immediately post-War or in the 1960/ 70s would not have taken any account of the potential for UXBs at the site of concern nor would any effective technology be available to detect such potential threat items. Modern structures tend to have foundation designs that go deeper than historic buildings and risk encountering UXBs at depths beyond existing historic foundation levels that were not detected by excavation or bomb survey.

DOES THE UXO
THREAT VARY ACROSS
THE SITE?

Yes.

Volumes of ground within the site already subjected to extensive redevelopment involving the displacement of earth, may be considered free from the threat of UXO/EO *within the volumes of ground excavated/disturbed*.

It is clear, however, that the topography of the site presents different challenges from a UXB Threat perspective. Those areas that have been developed post-War present a different threat picture to those areas that have not and those areas that remain underwater.

THREAT ASSESSMENT

POTENTIAL EXPLOSIVE ORDNANCE THREAT ITEMS	The wider area was bombed in WW1 by a Zeppelin dropping several bombs, none of which were noted as detonating in Portsmouth itself (the intended target) which suggests that they fell into areas that were undeveloped or underwater and may present a potential risk to this day despite the small number of items that were dropped at this time. Unfortunately, comprehensive Bomb Census Maps do not remain that cover the area of concern as the focus for record keeping was Portsmouth itself. However, there is plenty of anecdotal evidence to suggest that Havant and the surrounding area was subjected to aerial bombardment in WW2. This bombing may not have affected those areas that were developed at the time, namely Langstone Village and Mill Lane themselves, but may well have gone unnoticed in areas that were not developed or were underwater at the time. In such areas, a large air-dropped bomb passing underground or falling into water unnoticed and remaining as Unexploded Ordnance (UXO) would have been easy to miss. Given the proximity of anti-aircraft artillery (AAA) batteries and their keen involvement in the War effort in the defence of Portsmouth, the possibility that AAA projectiles returned to earth or fell into water unexploded and remain underground or on the sea bed to this day cannot be reasonably rule out in areas not subjected to significant development post-War. The military history of the general area around the site of concern is such to raise to prospect that <i>Ad Hoc</i> military ordnance may have been lost, discarded or remain because of military operations, especially in areas covered by water. There is also information to indicate that the Harbour was mined by the enemy at the time, which may well have extended across Langstone and Emsworth Harbour and although mining activity would have been restricted to the deeper waters, the possibility that mines have drifted or become untethered to wash up elsewhere is reasonable. Naturally, this potential threat only applies to seaward parts of the site area. No other EO contamination events are reasonably known to have occurred at the site. Therefore, the following types of explosive ordnance are a potential threat across various parts of the site area: • Large, air-dropped, German HE Bombs including 50, 250, 500 and 1,000kg bombs (of WW1 and WW2 vintage). • British AAA projectiles. • <i>Ad hoc</i> legacy EO. • German sea mines (WW2 vintage).
ENGINEERING WORKS	The imagined engineering works could include site investigation, bulk excavations, shallow and deep intrusive engineering, including piling and dredging.
RISK PATHWAY	For the purposes of this assessment, it has been assumed that development works could include intrusion beyond WW2 ground levels or into the sea bed. It is anticipated that personnel or key equipment may complete the risk pathway during excavation and/or piling operations that may bring them into physical contact with potential threat items.
CURRENT EXPLOSIVE ORDNANCE THREAT LEVELS	Those parts of the site area that have been subjected to significant development post-War or were occupied by built structures at that time, may be considered free from the threat of Explosive Ordnance within the ground volumes either disturbed or historically occupied. For all other areas of the site, especially those area that were remote and undeveloped and/or under water at the time the potential for UXB encounter exists. As such, it

	would be sensible to impose a UXB Threat Zone on those parts of the site area to which the following Threat Levels apply. See Annex D. From the Threat Assessment Matrices, the UXO-related Threat Level is assessed as follows: <table><tr><th>Explosive Ordnance Type</th><th>Threat Level</th><th>Mitigation Measures</th></tr><tr><td>All Ordnance Types</td><td>MEDIUM</td><td>Review & emplace strict control measures if necessary</td></tr></table>	Explosive Ordnance Type	Threat Level	Mitigation Measures	All Ordnance Types	MEDIUM	Review & emplace strict control measures if necessary
Explosive Ordnance Type	Threat Level	Mitigation Measures					
All Ordnance Types	MEDIUM	Review & emplace strict control measures if necessary					
WHAT ARE THE CONSEQUENCES OF AN UNCONTROLLED DETONATION?	The following consequences of an uncontrolled detonation are anticipated: - Ad Hoc British ordnance and AAA & 250kg HE Bombs: - People - Lost time injury <7 days - Plant - Item write off - Property - Major damage - Environment - Localised effect - For 50 & 500kg HE Bombs: - People - Lost time injury >7 days - Plant - Unit level damage - Property - Major wider damage - Environment - Major effect						

THREAT MATRICES

ORDNANCE CATEGORY

The 'Ordnance Category' is assessed for the different types of ordnance in terms of the 'Damage Radii' that may result were the ordnance subject to an uncontrolled explosion and is a function of the calibre of the ordnance and whether it is encountered on the 'surface' or 'buried'.

Ordnance Category	Ordnance Category Description	Danger Radii (m)	Potential Threat Item
0	No Explosive Ordnance (EO) suspected to be present	NA	NA
1	Landmines, Anti-Personnel, HE; HE in Bulk <5Kg; Pyrotechnics; Incendiaries < 50kg	< 75	X
2	Projectiles, HE <75mm calibre; Projectiles, Mortar, HE 50mm to < 75mm calibre; Grenades, Hand, HE; Grenades, Rifle, HE; Incendiaries > 50kg	< 100	X
3	Projectiles, HE < 125mm calibre; Rockets, HE, Anti-Tank (HEAT); Bombs PIAT, HE; Aerial Bombs, HE, 50-250Kg (Surface & Buried); Aerial Bombs, Blast, HE & Sea Mines 20-250Kg; Aerial Bomb, HE, 250-500Kg (Buried)	< 250	X
4	Bombs, Mortar, HE <105mm calibre; Bombs, Mortar, Spigot, HE; Landmines, Anti-Tank, HE; Aerial Bombs, HE, 250-500Kg (Surface)	< 300	X
5	Projectile, HE > 125mm calibre; Aerial Bombs, HE, 1500-2500Kg (Surface); Aerial Bomb, Blast, HE & Sea Mines 500-1500Kg (Surface)	< 500	NA
6	Aerial Bombs, HE, 2000-10,000Kg (Buried); Aerial Bombs, Blast, HE & Sea Mines 1500-4000Kg (Surface)	< 800	NA

ORDNANCE THREAT

This table assigns the 'Ordnance Threat', which is a function of the Ordnance Category and the anticipated encounter depth. i.e. the smaller and deeper the ordnance the less threat is present to people and property at the surface.

0	ORDNANCE CATEGORY						Depth of Encounter (m)
	1	2	3	4	5	6	
	ORDNANCE THREAT						
							>10
			50- 500kg HE Bombs, Sea Mines				5<10
		<i>Ad Hoc</i> Explosive Ordnance		<i>Ad Hoc</i> Explosive Ordnance			2.5<5
	AAA Projectiles						0.5<2.5
							0<0.5
							Surface

ORDNANCE THREAT LEVEL

The 'Ordnance Threat Level' is arrived at by comparing the 'Ordnance Risk' with the 'Likelihood of Encounter' of a explosive ordnance as a function of the level of expected ordnance contamination of a given type at a site of concern.

Ordnance Threat	ASSETS AFFECTED				LIKELIHOOD OF ENCOUNTER				
	People	Plant	Property	Environment	Very Unlikely	Unlikely	Likely	Very Likely	Extremely Likely
	NOT APPLICABLE								
	First aid injury	Slight damage	Slight damage	Slight Effect					
	Medical injury	Item repair	Minor damage	Minor Effect					
Large HE Bombs, Ad Hoc EO, Sea Mines	Lost time <7 days	Item write off	Major damage	Local Effect	xxx				
AAA Projectiles, Ad Hoc Explosive Ordnance	Lost time injury >7 days	Unit level damage	Major wider damage	Major Effect	xx				
	Fatality	Multiple damage	Catastrophe	Massive Effect					
					ORDNANCE THREAT LEVEL				
No special measures required								NEGLECTIBLE	
Monitor & manage potential risks								LOW	
Review & emplace strict control measures if necessary								MEDIUM	xxxxxx
Control measures required to mitigate risks to acceptable levels								HIGH	
Intolerable Risk Level. Immediate control measures prior to any further works								EXTREME	

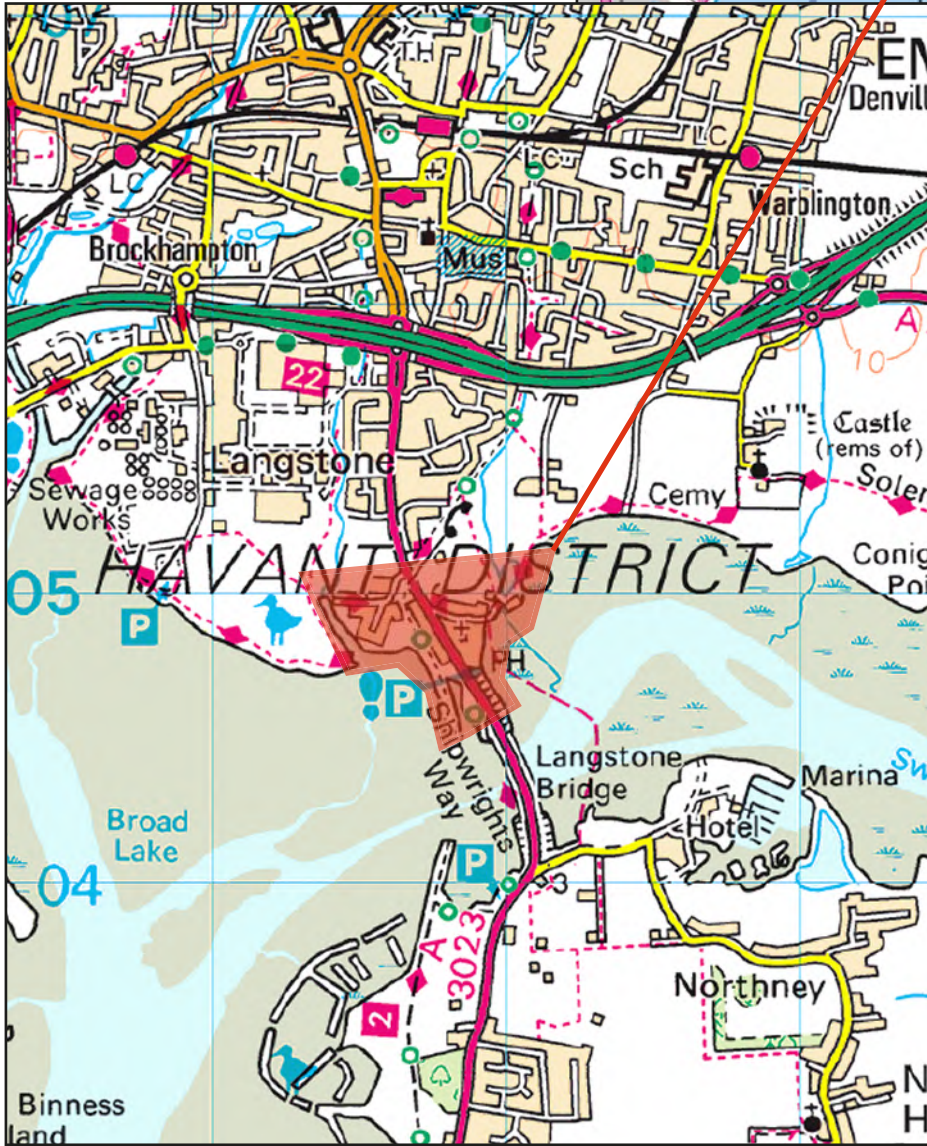
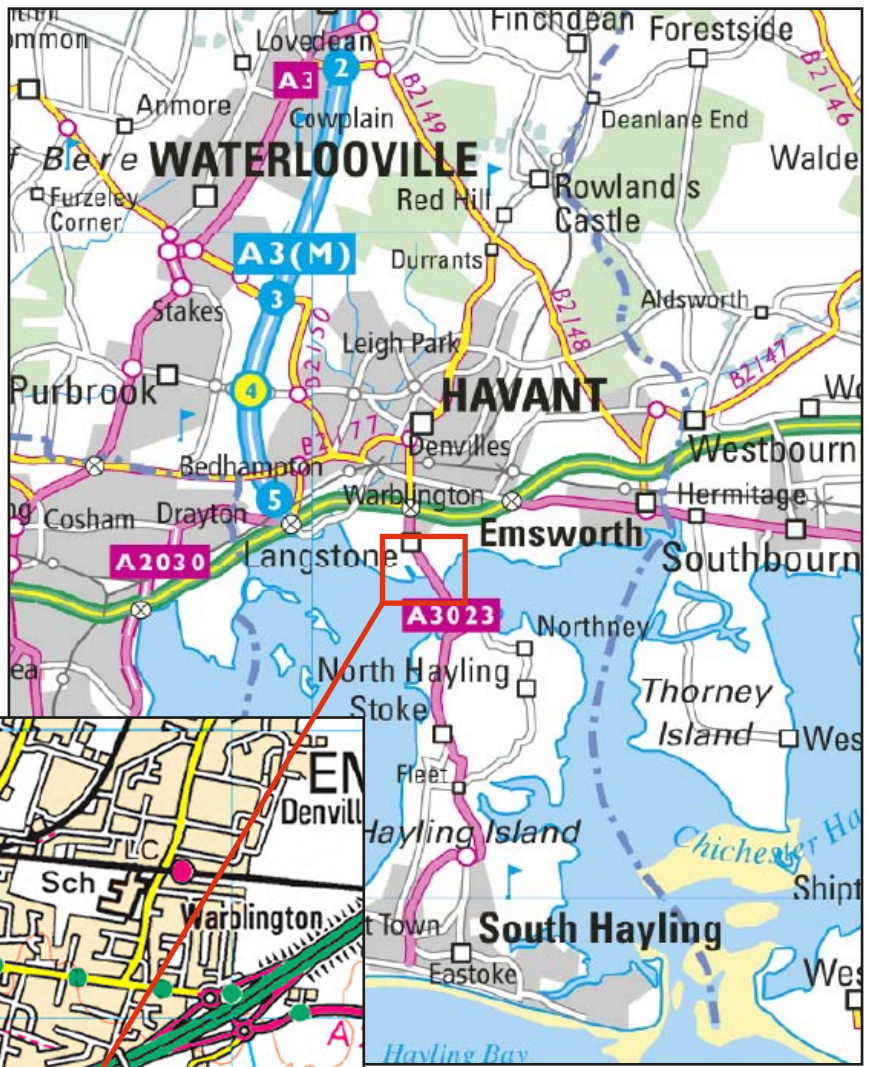
THREAT MITIGATION		
ACTIVITY	THREAT MITIGATION MEASURES	FINAL THREAT LEVEL
ALL ACTIVITIES	Within the UXO Threat Zone, a UXO threat management strategy IS REQUIRED to be in place prior to intrusive engineering works for the site of concern. Explosive Ordnance Safety Awareness Briefings. An explosive ordnance Safety Briefing should be included as part of routine site health and safety training and form a key element of the Site Health & Safety Plan. This should be conducted by a trained specialist and would assist conformance with the CDM Regulations 2015. The briefing will instruct all personnel on the identification of EO hazards, actions to take in the event of an EO incident to protect personnel, key equipment, property and the public. Explosive Ordnance Site Safety Instructions. Explosive Ordnance Site Safety Instructions should be drafted for inclusion in the site-specific health and safety manual and would include information on dealing with an EO incident safely and appropriately. These instructions would form part of the permanent site documentation and will be an aide memoire for identifying potential EO hazards, making a preliminary threat assessment as well as specific guidelines on what to do in the event of a confirmed incident.	AS LOW AS REASONABLY PRACTICABLE (ALARP)
INTRUSIVE SITE INVESTIGATION WORKS – LAND AND SEA	Site investigation works should be supported by UXO survey as appropriate. Consideration should be given to whether the works are shallow or deep from the perspective of UXO Survey. ‘Shallow’ Survey is survey of the ground from 0.0m bgl to 6.5m bgl and ‘Deep’ UXO Survey is that beyond 6.5mbgl. - Boreholes. PLANIT can conduct a non-intrusive survey of a 5m x 5m box which will accurately allow your borehole to proceed into a volume of ground under which there are no ferrous obstructions. Many locations may be provided within a survey box, allowing maximum flexibility for positioning and preventing any boreholes being terminated because of encountering a potential threat item at depth. - Trial Pits. Using shallow non-intrusive survey, the area for your trial pit can quickly be surveyed and confirmed as free from ferrous anomalies/UXO. Data is interpreted on-site and therefore locations can be changed very efficiently in the event of a potential obstacle. - Window Sampling. Using shallow non-intrusive survey, the area for your window sample can quickly be surveyed and confirmed as free from ferrous anomalies/UXO. Data is interpreted on-site and therefore locations can be changed very efficiently in the event of a potential obstacle.	AS LOW AS REASONABLY PRACTICABLE (ALARP)

SHALLOW INTRUSIVE ENGINEERING WORKS - LAND	There are two options available to effectively deal with the EO Threat when conducting shallow intrusive ground works. On-Site UXO Support. On-site UXO Support for shallow ground works would involve the presence of an appropriately trained and experienced UXO Technician during this phase of construction. The role of the UXO Technician is to: • Conduct EO Safety Awareness Briefings as required. • Monitor all intrusive ground works using visual and instrument aided means to locate any EO that may be uncovered during site works. • Provide an immediate and expert assessment of any EO that may be discovered. • Assist in implementing an appropriate and safe response to an EO incident. • Design and emplace protective works as an immediate response to protect personnel, key equipment, property and the public as may be required. • Advise on best safe working practice considering the perceived EO Threat. • Act as the liaison with the Authorities on behalf of the Client in the event of an EO incident. Shallow Non-Intrusive UXO Survey. PLANIT can deploy industry leading technology that will survey your site of concern non-intrusively (if ground conditions permit) in order to identify potential EO Threat Items. Any anomalies identified following the non-intrusive survey that may be EO should then be subject to Controlled Excavation to confirm them as EO and remove the threat or discount them. Once the non-intrusive survey and controlled excavation are complete, there is no further requirement for UXO Support at the site of concern since all EO Threats would have been identified and dealt with.	AS LOW AS REASONABLY PRACTICABLE (ALARP)
DEEP INTRUSIVE ENGINEERING - LAND	There are a few options available to effectively deal with potential EO Threats when conducting deep intrusive ground works. Which approach is applicable will depend upon the ground conditions of the site of concern: Deep Non-Intrusive UXO Survey. PLANIT can deploy industry leading technology that will survey your site of concern non-intrusively (as long as ground conditions permit) in order to identify potential EO Threat Items at depth – UXO Survey should proceed to the expected UXB penetration depth or maximum depth of intrusive ground works, whichever is shallower. As a benchmark, PLANITs Deep Non-Intrusive Survey is capable of identifying a 500Kg HE bomb to some 8.0m bgl in average ground and larger bombs deeper. This approach is ideal for covering large areas quickly and can be employed to survey piling runs and borehole locations. Any anomalies identified following the non-intrusive survey that may be EO should then be subject to Controlled Excavation to confirm them as EO and remove the threat or discount them.	AS LOW AS REASONABLY PRACTICABLE (ALARP)

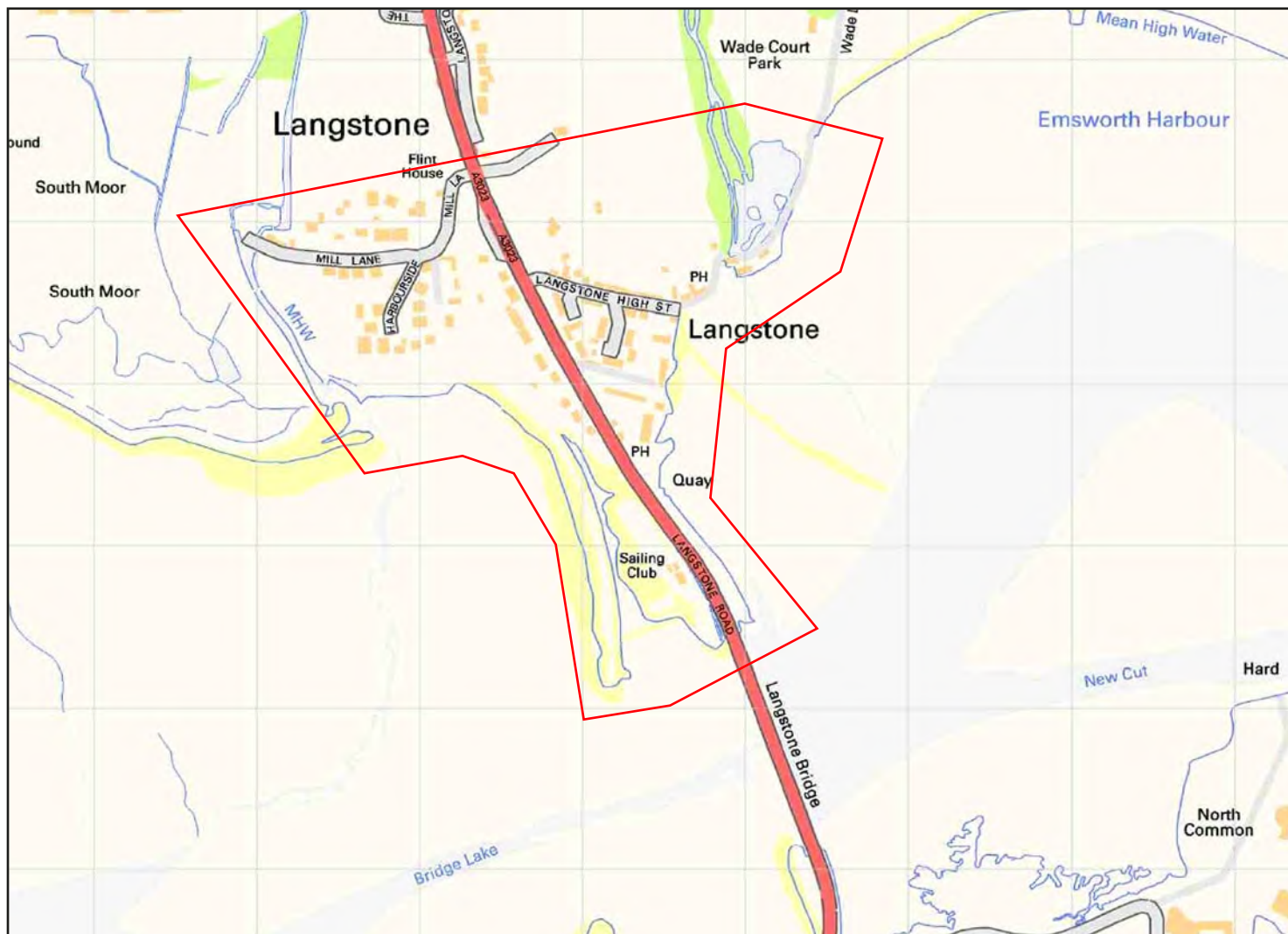
	Once the non-intrusive survey and controlled excavation are complete, there is no further requirement for UXO Support at the site of concern since all EO Threats would have been identified and dealt with. Magcone/ CPT Intrusive UXB Survey. PLANIT can deploy world class Magcone Survey Systems to survey either pile locations or small areas ahead of intrusive engineering including piling and drilling. The Magcone system is very versatile and can survey to great depths if required. Down-Hole Magnetometer UXO Survey. PLANIT can deploy down-borehole UXO Survey equipment that will clear ahead of a piling or borehole rig as it descends underground. The main drawbacks of this approach are that it is time consuming, 'blind' (insofar as the borehole may proceed for some depth before a potential threat item is identified, at which stage the borehole will have to be terminated and relocated, wasting time and money), equipment heavy and expensive. Any anomalies identified during this survey that may be EO should either be subject to Controlled Excavation to confirm them as EO and remove the threat or discount them or relocate the borehole or adjust the piling plan. UXO Survey should proceed to the expected Bomb Penetration Depth (BPD) or maximum depth of intrusive ground works, whichever is shallower.	
DREDGING OPERATIONS	There are two methods for mitigating the potential threat of inadvertently bringing an item of Explosive Ordnance on board ship during dredging operations. Non-intrusive Survey with Diving Support. Sub-sea bathymetry or other similar sonar-based technology or marine magnetometry may be used to provide a detailed image of the sea floor and Ferro-magnetic features which will assist in the identification of sub-sea targets that may potentially be threat items. Once identified, these can be investigated by divers and any confirmed threat items disposed of underwater if practical. This approach may be prohibitive in terms of cost and given the low density of bombing in this development area, (despite the high risk, which is more a function of bringing threat items to the surface on board ship rather than a high probability of encounter) it may be over zealous. However, given that the previous marine magnetometer survey identified 33 Ferro-magnetic anomalies of 256kg or larger, it may be prudent to conduct a more focussed survey, using a lower flying height of 5m, to identify smaller Ferro-magnetic items which would allow the identification of UXO Engineer On-Board Dredging Support. An alternative approach, and one which better reflects the actual threat, is to provide a UXO expert on board ship who can assist in identifying potential threat items and provide intimate support in the event of an encounter, protecting personnel and key assets.	AS LOW AS REASONABLY PRACTICABLE (ALARP)

ANNEXES

- A. Site Location & Layout.
- B. Civil Defence Sites.
- C. Historical Street Maps.
- D. UXB Threat Zone.



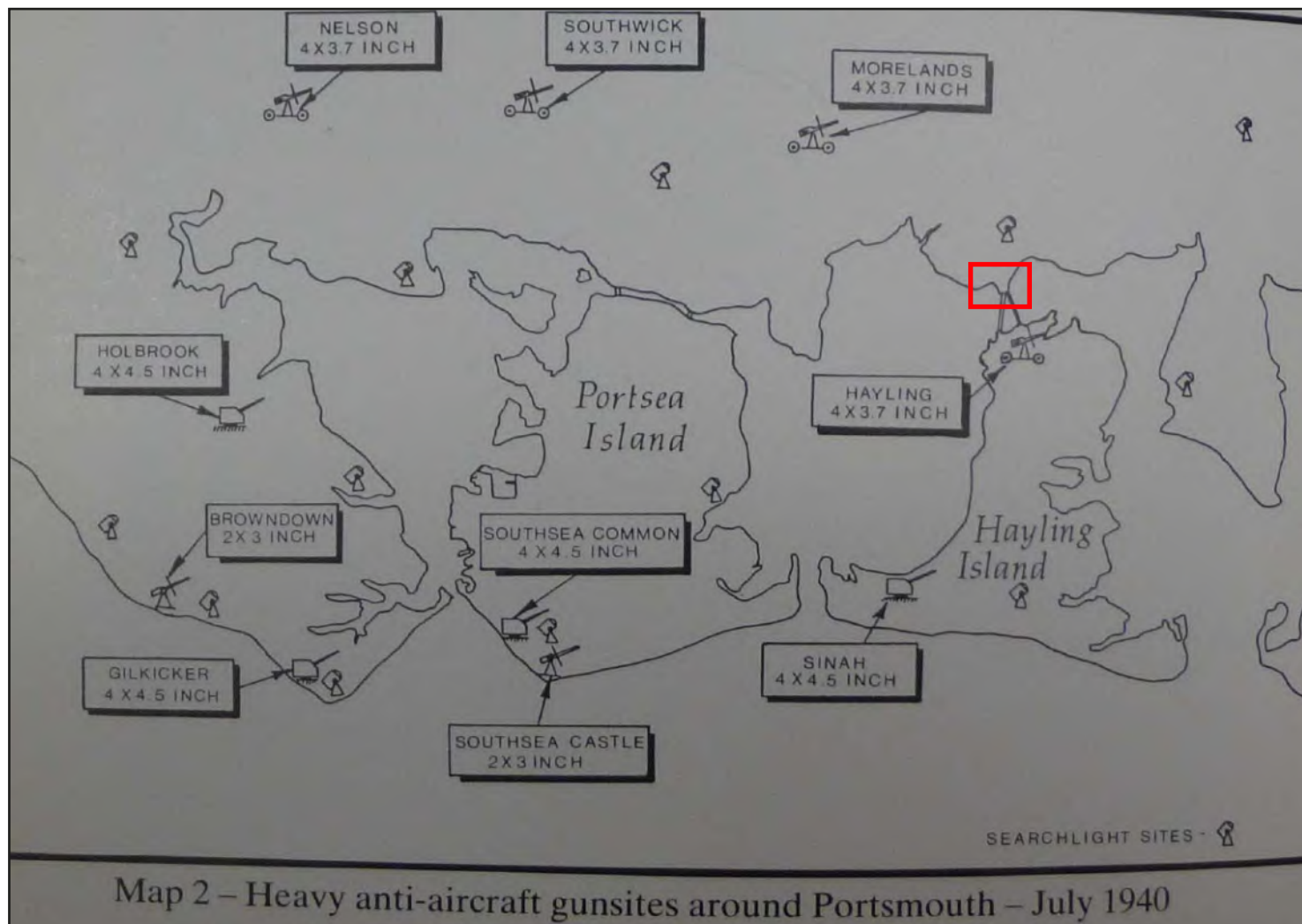
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Project Ref:	Langstone, Havant	Site Location		
Client:	Havant Borough Council			



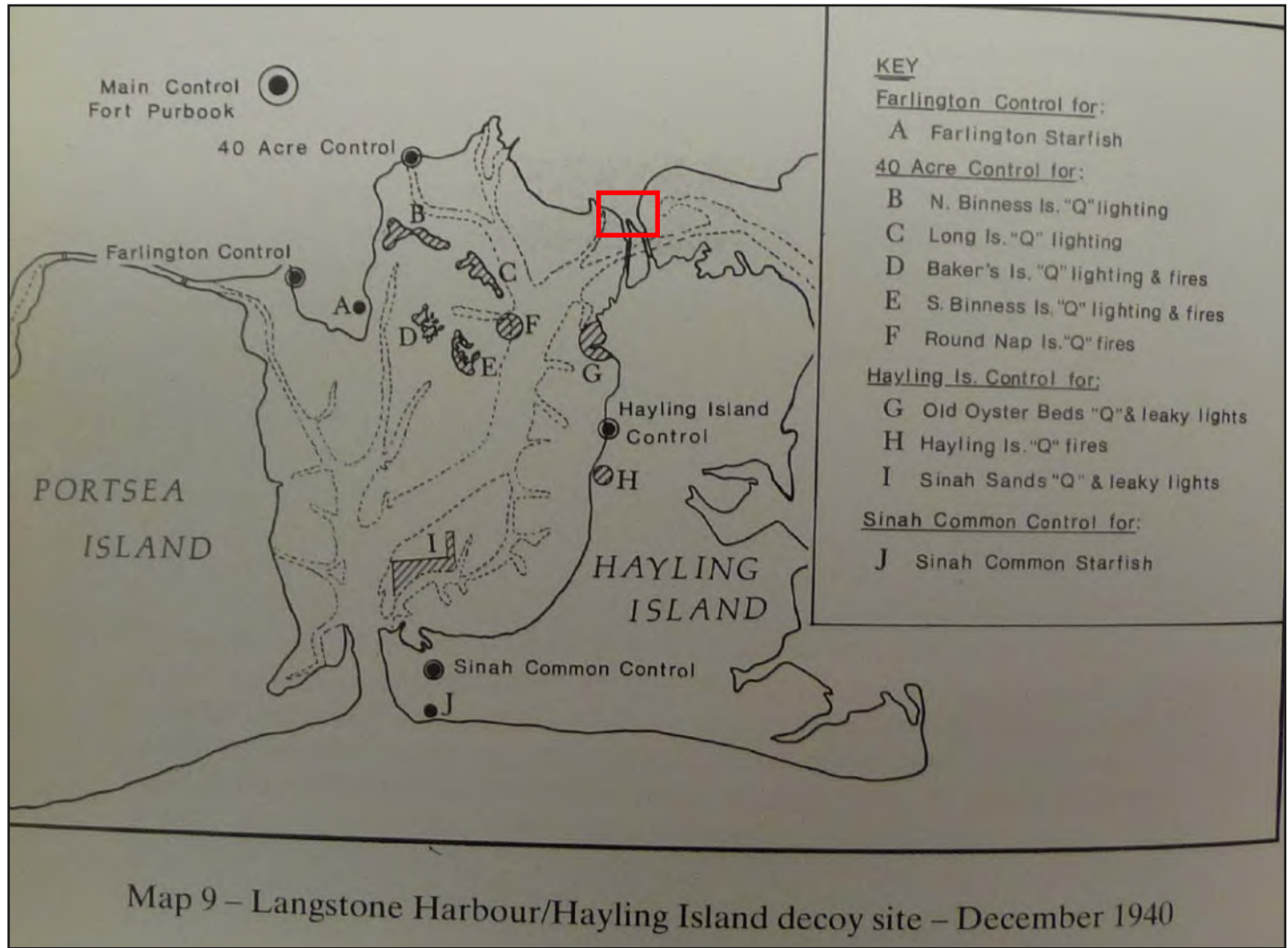
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Client:	Havant Borough Council		



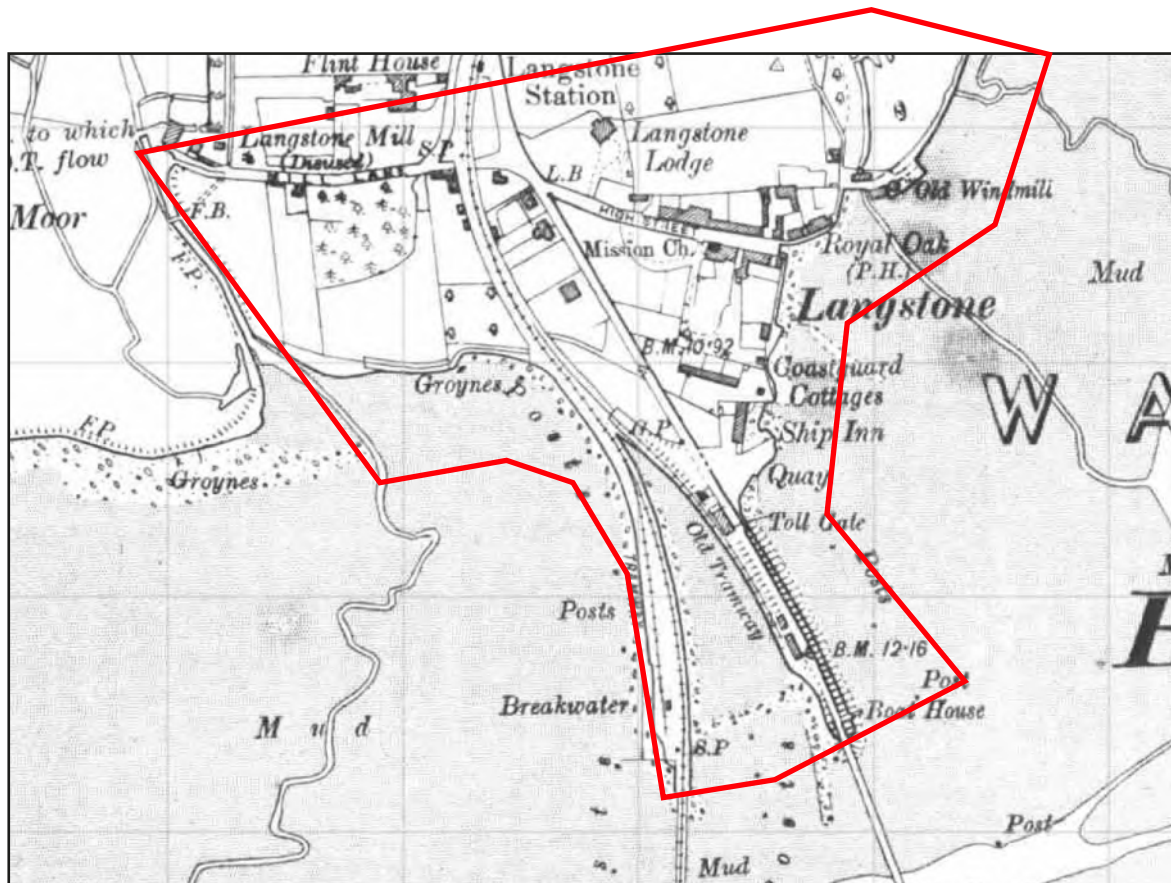
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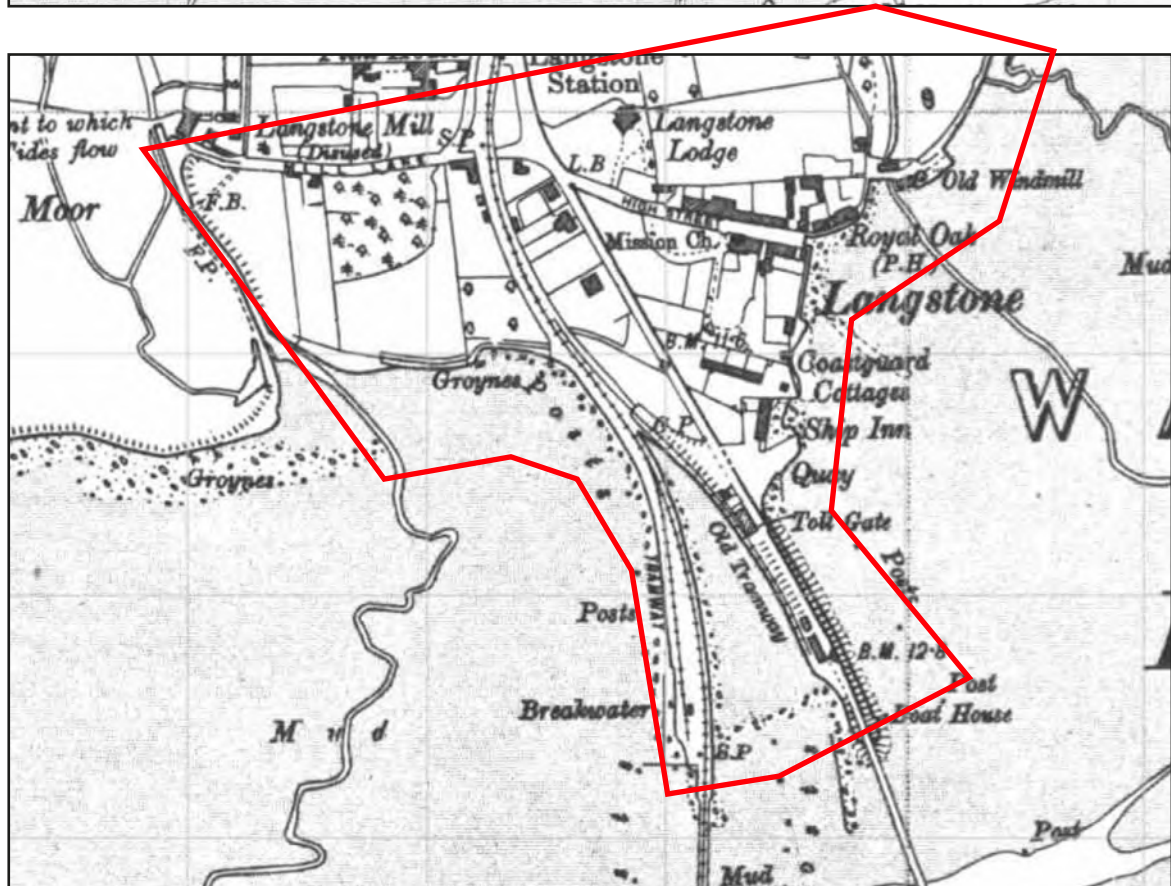
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Client:	Havant Borough Council		

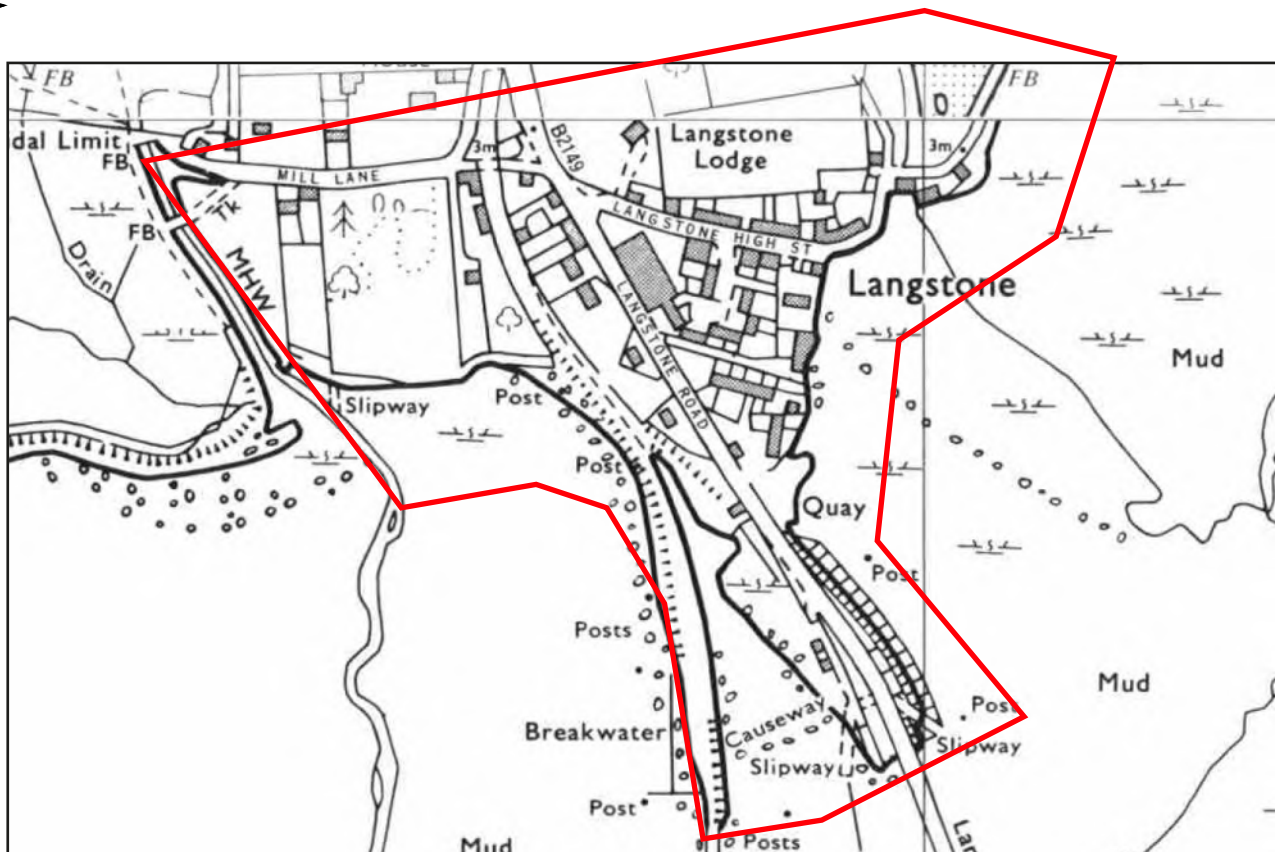


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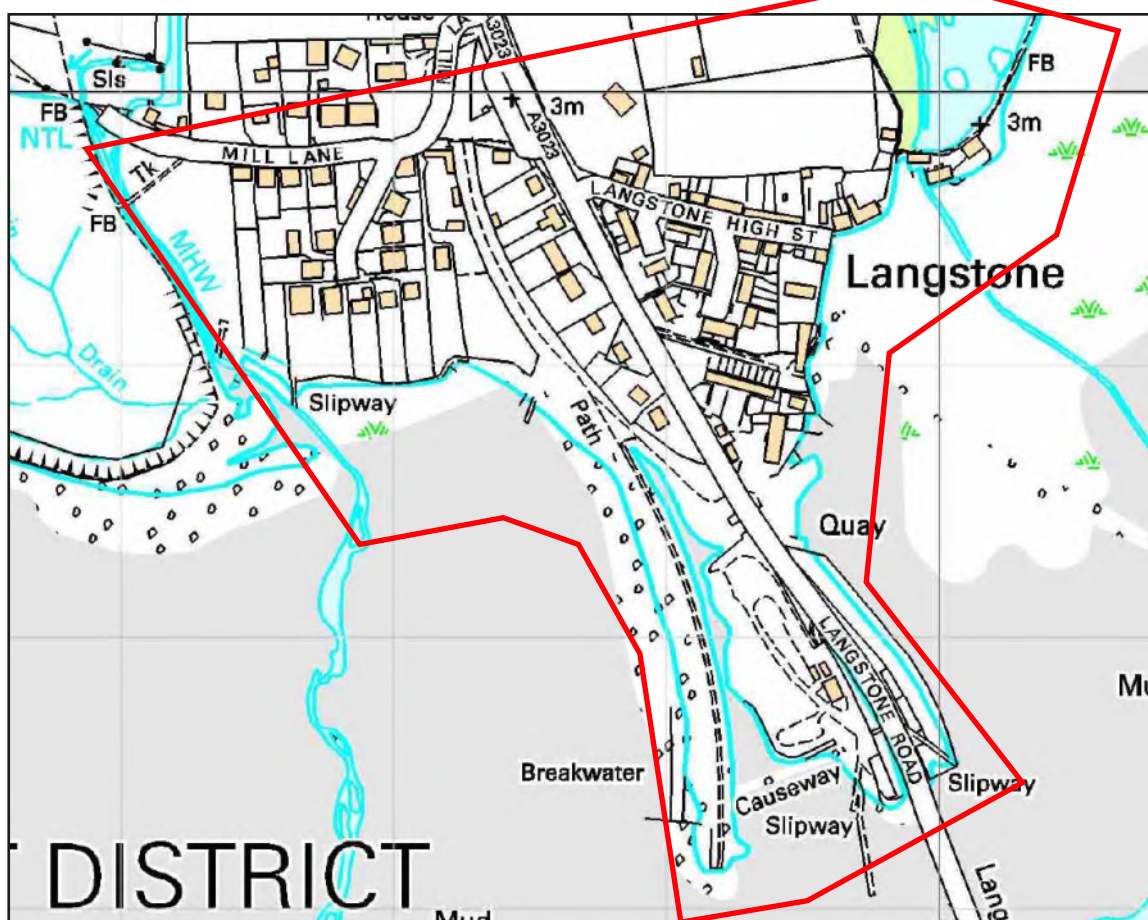


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Client:	Havant Borough Council		



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Project Ref:	Langstone, Havant			
Client:	Havant Borough Council			



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Project Ref:	Langstone, Havant	Site Location/ Boundary		
Client:	Havant Borough Council	UXB Threat Zone		

