
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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0102%)

Classification of sample: MHP09

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

Sample details

Sample name:	LoW Code:
MHP09	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)
0.15 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% 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	arsenic { arsenic trioxide }				17 mg/kg	1.32	22.446 mg/kg	0.00224 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				57 mg/kg	1.126	64.176 mg/kg	0.00642 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	250 mg/kg		250 mg/kg	0.025 %			
	082-001-00-6										
7	mercury { mercury dichloride }				0.7 mg/kg	1.353	0.947 mg/kg	0.0000947 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				24 mg/kg	2.637	63.28 mg/kg	0.00633 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				110 mg/kg	2.469	271.623 mg/kg	0.0272 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
			TPH								
12	confirm TPH has NOT arisen from diesel or petrol				☒						
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		5.8 pH		5.8 pH	5.8 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthylene 205-917-1		208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6		83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5		86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5		85-01-8		0.22 mg/kg		0.22 mg/kg	0.000022 %		
25	anthracene 204-371-1		120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4		206-44-0		0.4 mg/kg		0.4 mg/kg	0.00004 %		
27	pyrene 204-927-3		129-00-0		0.37 mg/kg		0.37 mg/kg	0.000037 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	indeno[123-cd]pyrene 205-893-2		193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	benzo[ghi]perylene 205-883-8		191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0709 %		

Key

	User 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: MHP10

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

Sample details

Sample name:	LoW Code:
MHP10	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m	
Moisture content:	
9.9%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.9% 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	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485 mg/kg	0.00185 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				62 mg/kg	1.126	69.805 mg/kg	0.00698 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	380 mg/kg		380 mg/kg	0.038 %			
	082-001-00-6										
7	mercury { mercury dichloride }				1 mg/kg	1.353	1.353 mg/kg	0.000135 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				20 mg/kg	2.637	52.734 mg/kg	0.00527 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				120 mg/kg	2.469	296.316 mg/kg	0.0296 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				60 mg/kg		60 mg/kg	0.006 %			
			TPH								
12	confirm TPH has NOT arisen from diesel or petrol				☒						
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		8.2 pH		8.2 pH	8.2 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		0.43 mg/kg		0.43 mg/kg	0.000043 %		
21	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5	85-01-8			2.8 mg/kg		2.8 mg/kg	0.00028 %		
25	anthracene 204-371-1	120-12-7			0.32 mg/kg		0.32 mg/kg	0.000032 %		
26	fluoranthene 205-912-4	206-44-0			3.1 mg/kg		3.1 mg/kg	0.00031 %		
27	pyrene 204-927-3	129-00-0			2.4 mg/kg		2.4 mg/kg	0.00024 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.6 mg/kg		1.6 mg/kg	0.00016 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		1.5 mg/kg		1.5 mg/kg	0.00015 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.3 mg/kg		1.3 mg/kg	0.00013 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.79 mg/kg		0.79 mg/kg	0.000079 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.3 mg/kg		1.3 mg/kg	0.00013 %		
33	indeno[123-cd]pyrene 205-893-2	193-39-5			0.55 mg/kg		0.55 mg/kg	0.000055 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.21 mg/kg		0.21 mg/kg	0.000021 %		
35	benzo[ghi]perylene 205-883-8	191-24-2			0.66 mg/kg		0.66 mg/kg	0.000066 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0911 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: MHP11

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

Sample details

Sample name:	LoW Code:
MHP11	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% 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	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44 mg/kg		44 mg/kg	0.0044 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				21 mg/kg	2.637	55.37 mg/kg	0.00554 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				35 mg/kg	2.469	86.425 mg/kg	0.00864 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				380 mg/kg		380 mg/kg	0.038 %		
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				☒					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		9.4 pH		9.4 pH	9.4 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		0.22 mg/kg		0.22 mg/kg	0.000022 %		
21	acenaphthylene 205-917-1	208-96-8			1.1 mg/kg		1.1 mg/kg	0.00011 %		
22	acenaphthene 201-469-6	83-32-9			0.53 mg/kg		0.53 mg/kg	0.000053 %		
23	fluorene 201-695-5	86-73-7			1.6 mg/kg		1.6 mg/kg	0.00016 %		
24	phenanthrene 201-581-5	85-01-8			13 mg/kg		13 mg/kg	0.0013 %		
25	anthracene 204-371-1	120-12-7			3.1 mg/kg		3.1 mg/kg	0.00031 %		
26	fluoranthene 205-912-4	206-44-0			18 mg/kg		18 mg/kg	0.0018 %		
27	pyrene 204-927-3	129-00-0			15 mg/kg		15 mg/kg	0.0015 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		8.2 mg/kg		8.2 mg/kg	0.00082 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		6.5 mg/kg		6.5 mg/kg	0.00065 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.1 mg/kg		3.1 mg/kg	0.00031 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		7.7 mg/kg		7.7 mg/kg	0.00077 %		
33	indeno[123-cd]pyrene 205-893-2	193-39-5			3.3 mg/kg		3.3 mg/kg	0.00033 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.93 mg/kg		0.93 mg/kg	0.000093 %		
35	benzo[ghi]perylene 205-883-8	191-24-2			3.8 mg/kg		3.8 mg/kg	0.00038 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
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)
	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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.038%)

Classification of sample: MHP11[2]

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

Sample details

Sample name:	LoW Code:
MHP11[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **16% 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	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485 mg/kg	0.00185 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				32 mg/kg	1.126	36.028 mg/kg	0.0036 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		19 mg/kg	0.0019 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				51 mg/kg	2.637	134.471 mg/kg	0.0134 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				78 mg/kg	2.469	192.605 mg/kg	0.0193 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				24 mg/kg		24 mg/kg	0.0024 %			
			TPH								
12	confirm TPH has NOT arisen from diesel or petrol				☒						
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		8.1 pH		8.1 pH	8.1 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthylene 205-917-1		208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6		83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5		86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5		85-01-8		0.4 mg/kg		0.4 mg/kg	0.00004 %		
25	anthracene 204-371-1		120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4		206-44-0		0.46 mg/kg		0.46 mg/kg	0.000046 %		
27	pyrene 204-927-3		129-00-0		0.37 mg/kg		0.37 mg/kg	0.000037 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	indeno[123-cd]pyrene 205-893-2		193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	benzo[ghi]perylene 205-883-8		191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0442 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0024%)

Classification of sample: MHP12

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

Sample details

Sample name:	LoW Code:
MHP12	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.7%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.7% 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	arsenic { arsenic trioxide }				8.6	mg/kg	1.32	11.355	mg/kg	0.00114 %		
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				0.8	mg/kg	1.142	0.914	mg/kg	0.0000914 %		
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				0.8	mg/kg	1.462	1.169	mg/kg	0.000117 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4	mg/kg	2.27	<9.08	mg/kg	<0.000908 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				15	mg/kg	1.126	16.888	mg/kg	0.00169 %		
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	42	mg/kg		42	mg/kg	0.0042 %		
	082-001-00-6											
7	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { nickel sulfate }				15	mg/kg	2.637	39.55	mg/kg	0.00396 %		
	028-009-00-5	232-104-9	7786-81-4									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate }				120	mg/kg	2.469	296.316	mg/kg	0.0296 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				580	mg/kg		580	mg/kg	0.058 %		
			TPH									
12	confirm TPH has NOT arisen from diesel or petrol				☒							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									
15	toluene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3									

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH PH				9.4 pH		9.4 pH	9.4 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		
21	acenaphthylene 205-917-1	208-96-8			2 mg/kg		2 mg/kg	0.0002 %		
22	acenaphthene 201-469-6	83-32-9			0.65 mg/kg		0.65 mg/kg	0.000065 %		
23	fluorene 201-695-5	86-73-7			1.7 mg/kg		1.7 mg/kg	0.00017 %		
24	phenanthrene 201-581-5	85-01-8			12 mg/kg		12 mg/kg	0.0012 %		
25	anthracene 204-371-1	120-12-7			2.9 mg/kg		2.9 mg/kg	0.00029 %		
26	fluoranthene 205-912-4	206-44-0			20 mg/kg		20 mg/kg	0.002 %		
27	pyrene 204-927-3	129-00-0			18 mg/kg		18 mg/kg	0.0018 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		11 mg/kg		11 mg/kg	0.0011 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		9.1 mg/kg		9.1 mg/kg	0.00091 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		12 mg/kg		12 mg/kg	0.0012 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		6 mg/kg		6 mg/kg	0.0006 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		13 mg/kg		13 mg/kg	0.0013 %		
33	indeno[123-cd]pyrene 205-893-2	193-39-5			6.1 mg/kg		6.1 mg/kg	0.00061 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.7 mg/kg		1.7 mg/kg	0.00017 %		
35	benzo[ghi]perylene 205-883-8	191-24-2			7 mg/kg		7 mg/kg	0.0007 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.113 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.058%)

Classification of sample: MHP13

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

Sample details

Sample name:	LoW Code:
MHP13	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	
Moisture content:	
11%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **11% 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	arsenic { arsenic trioxide }				49 mg/kg	1.32	64.696 mg/kg	0.00647 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	23.644 mg/kg	0.00236 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	160 mg/kg		160 mg/kg	0.016 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				29 mg/kg	2.637	76.464 mg/kg	0.00765 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				45 mg/kg	2.469	111.118 mg/kg	0.0111 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				53 mg/kg		53 mg/kg	0.0053 %			
			TPH								
12	confirm TPH has NOT arisen from diesel or petrol				☒						
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		9.3 pH		9.3 pH	9.3 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthylene 205-917-1		208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6		83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5		86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5		85-01-8		1.9 mg/kg		1.9 mg/kg	0.00019 %		
25	anthracene 204-371-1		120-12-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
26	fluoranthene 205-912-4		206-44-0		1.7 mg/kg		1.7 mg/kg	0.00017 %		
27	pyrene 204-927-3		129-00-0		1.4 mg/kg		1.4 mg/kg	0.00014 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.76 mg/kg		0.76 mg/kg	0.000076 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		0.54 mg/kg		0.54 mg/kg	0.000054 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.59 mg/kg		0.59 mg/kg	0.000059 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.4 mg/kg		0.4 mg/kg	0.00004 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.68 mg/kg		0.68 mg/kg	0.000068 %		
33	indeno[123-cd]pyrene 205-893-2		193-39-5		0.31 mg/kg		0.31 mg/kg	0.000031 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	benzo[ghi]perylene 205-883-8		191-24-2		0.36 mg/kg		0.36 mg/kg	0.000036 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0514 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0053%)

Classification of sample: MHP14

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

Sample details

Sample name:	LoW Code:
MHP14	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% 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	arsenic { arsenic trioxide }				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				60 mg/kg	1.126	67.553 mg/kg	0.00676 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150 mg/kg		150 mg/kg	0.015 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				32 mg/kg	2.637	84.374 mg/kg	0.00844 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				85 mg/kg		85 mg/kg	0.0085 %		
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				☒					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		8 pH		8 pH	8pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5	85-01-8			2.8 mg/kg		2.8 mg/kg	0.00028 %		
25	anthracene 204-371-1	120-12-7			0.44 mg/kg		0.44 mg/kg	0.000044 %		
26	fluoranthene 205-912-4	206-44-0			5.3 mg/kg		5.3 mg/kg	0.00053 %		
27	pyrene 204-927-3	129-00-0			4.3 mg/kg		4.3 mg/kg	0.00043 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		2.7 mg/kg		2.7 mg/kg	0.00027 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		2.4 mg/kg		2.4 mg/kg	0.00024 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		2.5 mg/kg		2.5 mg/kg	0.00025 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2 mg/kg		2 mg/kg	0.0002 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		2.8 mg/kg		2.8 mg/kg	0.00028 %		
33	indeno[123-cd]pyrene 205-893-2	193-39-5			1.5 mg/kg		1.5 mg/kg	0.00015 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.43 mg/kg		0.43 mg/kg	0.000043 %		
35	benzo[ghi]perylene 205-883-8	191-24-2			1.7 mg/kg		1.7 mg/kg	0.00017 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.076 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
●	Determinand defined or amended by HazWasteOnline (see Appendix A)
●	Speciated 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0085%)

Classification of sample: MHP15

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

Sample details

Sample name:	LoW Code:
MHP15	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **15% 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	arsenic { arsenic trioxide }				72 mg/kg	1.32	95.063 mg/kg	0.00951 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				3.4 mg/kg	1.142	3.884 mg/kg	0.000388 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.4 mg/kg	1.462	4.969 mg/kg	0.000497 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				100 mg/kg	1.126	112.589 mg/kg	0.0113 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	220 mg/kg		220 mg/kg	0.022 %			
	082-001-00-6										
7	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				42 mg/kg	2.637	110.741 mg/kg	0.0111 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				190 mg/kg	2.469	469.166 mg/kg	0.0469 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group		TPH		41 mg/kg		41 mg/kg	0.0041 %			
12	confirm TPH has NOT arisen from diesel or petrol				☒						
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		9.3 pH		9.3 pH	9.3 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5	85-01-8			0.7 mg/kg		0.7 mg/kg	0.00007 %		
25	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4	206-44-0			2 mg/kg		2 mg/kg	0.0002 %		
27	pyrene 204-927-3	129-00-0			1.9 mg/kg		1.9 mg/kg	0.00019 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.3 mg/kg		1.3 mg/kg	0.00013 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.4 mg/kg		1.4 mg/kg	0.00014 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.96 mg/kg		0.96 mg/kg	0.000096 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.6 mg/kg		1.6 mg/kg	0.00016 %		
33	indeno[123-cd]pyrene 205-893-2	193-39-5			0.88 mg/kg		0.88 mg/kg	0.000088 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.24 mg/kg		0.24 mg/kg	0.000024 %		
35	benzo[ghi]perylene 205-883-8	191-24-2			0.96 mg/kg		0.96 mg/kg	0.000096 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.109 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
•	Determinand defined or amended by HazWasteOnline (see Appendix A)
•	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0041%)

Classification of sample: MHP17

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

Sample details

Sample name:	LoW Code:
MHP17	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 23% 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	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				48 mg/kg	1.126	54.043 mg/kg	0.0054 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	240 mg/kg		240 mg/kg	0.024 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.5 mg/kg	1.353	0.677 mg/kg	0.0000677 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				26 mg/kg	2.637	68.554 mg/kg	0.00686 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				95 mg/kg	2.469	234.583 mg/kg	0.0235 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				69 mg/kg		69 mg/kg	0.0069 %		
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				☒					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							

#	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							
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
19	pH		PH		7.3 pH		7.3 pH	7.3 pH		
20	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	phenanthrene 201-581-5	85-01-8			0.42 mg/kg		0.42 mg/kg	0.000042 %		
25	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	fluoranthene 205-912-4	206-44-0			1.1 mg/kg		1.1 mg/kg	0.00011 %		
27	pyrene 204-927-3	129-00-0			0.98 mg/kg		0.98 mg/kg	0.000098 %		
28	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.52 mg/kg		0.52 mg/kg	0.000052 %		
29	chrysene 601-048-00-0	205-923-4	218-01-9		0.65 mg/kg		0.65 mg/kg	0.000065 %		
30	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.48 mg/kg		0.48 mg/kg	0.000048 %		
31	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.43 mg/kg		0.43 mg/kg	0.000043 %		
32	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.58 mg/kg		0.58 mg/kg	0.000058 %		
33	indeno[123-cd]pyrene 205-893-2	193-39-5			0.2 mg/kg		0.2 mg/kg	0.00002 %		
34	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	benzo[ghi]perylene 205-883-8	191-24-2			0.36 mg/kg		0.36 mg/kg	0.000036 %		
36	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0709 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0069%)

Classification of sample: MMTP01[2]

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

Sample details

Sample name:	LoW Code:
MMTP01[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **13% 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	arsenic { arsenic trioxide }				17 mg/kg	1.32	22.446 mg/kg	0.00224 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				4.1 mg/kg	1.142	4.684 mg/kg	0.000468 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				4.1 mg/kg	1.462	5.992 mg/kg	0.000599 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				96 mg/kg	1.126	108.085 mg/kg	0.0108 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	340 mg/kg		340 mg/kg	0.034 %			
	082-001-00-6										
7	mercury { mercury dichloride }				1.7 mg/kg	1.353	2.301 mg/kg	0.00023 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				24 mg/kg	2.637	63.28 mg/kg	0.00633 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				230 mg/kg	2.469	567.938 mg/kg	0.0568 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group		TPH		360 mg/kg		360 mg/kg	0.036 %			
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	pH		PH		8.5 pH		8.5 pH	8.5 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.6 mg/kg		0.6 mg/kg	0.00006 %		
20	acenaphthylene	205-917-1	208-96-8		2.1 mg/kg		2.1 mg/kg	0.00021 %		
21	acenaphthene	201-469-6	83-32-9		1.5 mg/kg		1.5 mg/kg	0.00015 %		
22	fluorene	201-695-5	86-73-7		2.9 mg/kg		2.9 mg/kg	0.00029 %		
23	phenanthrene	201-581-5	85-01-8		29 mg/kg		29 mg/kg	0.0029 %		
24	anthracene	204-371-1	120-12-7		6.6 mg/kg		6.6 mg/kg	0.00066 %		
25	fluoranthene	205-912-4	206-44-0		33 mg/kg		33 mg/kg	0.0033 %		
26	pyrene	204-927-3	129-00-0		25 mg/kg		25 mg/kg	0.0025 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		16 mg/kg		16 mg/kg	0.0016 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		11 mg/kg		11 mg/kg	0.0011 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		12 mg/kg		12 mg/kg	0.0012 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		7.8 mg/kg		7.8 mg/kg	0.00078 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		13 mg/kg		13 mg/kg	0.0013 %		
32	indeno[123-cd]pyrene	205-893-2	193-39-5		6.1 mg/kg		6.1 mg/kg	0.00061 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.8 mg/kg		1.8 mg/kg	0.00018 %		
34	benzo[ghi]perylene	205-883-8	191-24-2		6.7 mg/kg		6.7 mg/kg	0.00067 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.166 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.036%)

Classification of sample: MMTP02[2]

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

Sample details

Sample name:	LoW Code:
MMTP02[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.4 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% 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	 arsenic { arsenic trioxide }				19 mg/kg	1.32	25.086 mg/kg	0.00251 %		
	033-003-00-0	215-481-4	1327-53-3							
2	 cadmium { cadmium oxide }				2.1 mg/kg	1.142	2.399 mg/kg	0.00024 %		
	048-002-00-0	215-146-2	1306-19-0							
3	 chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				2.1 mg/kg	1.462	3.069 mg/kg	0.000307 %		
		215-160-9	1308-38-9							
4	 chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	 copper { dicopper oxide; copper (I) oxide }				86 mg/kg	1.126	96.826 mg/kg	0.00968 %		
	029-002-00-X	215-270-7	1317-39-1							
6	 lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	320 mg/kg		320 mg/kg	0.032 %		
	082-001-00-6									
7	 mercury { mercury dichloride }				0.7 mg/kg	1.353	0.947 mg/kg	0.0000947 %		
	080-010-00-X	231-299-8	7487-94-7							
8	 nickel { nickel sulfate }				24 mg/kg	2.637	63.28 mg/kg	0.00633 %		
	028-009-00-5	232-104-9	7786-81-4							
9	 selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	 zinc { zinc sulphate }				190 mg/kg	2.469	469.166 mg/kg	0.0469 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	 TPH (C6 to C40) petroleum group				260 mg/kg		260 mg/kg	0.026 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	 ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				9.4 pH		9.4 pH	9.4 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			3.3 mg/kg		3.3 mg/kg	0.00033 %		
24	anthracene 204-371-1	120-12-7			0.72 mg/kg		0.72 mg/kg	0.000072 %		
25	fluoranthene 205-912-4	206-44-0			5.4 mg/kg		5.4 mg/kg	0.00054 %		
26	pyrene 204-927-3	129-00-0			4.6 mg/kg		4.6 mg/kg	0.00046 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		3.7 mg/kg		3.7 mg/kg	0.00037 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		2.4 mg/kg		2.4 mg/kg	0.00024 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		2.7 mg/kg		2.7 mg/kg	0.00027 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2.1 mg/kg		2.1 mg/kg	0.00021 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		3.1 mg/kg		3.1 mg/kg	0.00031 %		
32	indeno[123-cd]pyrene 205-893-2	193-39-5			1.6 mg/kg		1.6 mg/kg	0.00016 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.48 mg/kg		0.48 mg/kg	0.000048 %		
34	benzo[ghi]perylene 205-883-8	191-24-2			1.8 mg/kg		1.8 mg/kg	0.00018 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.129 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.026%)

Classification of sample: MTP03[3]

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

Sample details

Sample name:	LoW Code:
MTP03[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.6 m	Entry:
Moisture content:	17 05 03 * (Soil and stones containing hazardous substances)
9.8%	
(no correction)	

Hazard properties

HP 14: Ecotoxic "waste which presents or may present immediate or delayed risks for one or more sectors of the environment"

Hazard Statements hit:

Aquatic Chronic 1; H410 "Very toxic to aquatic life with long lasting effects."

Because of determinand:

zinc sulphate: (compound conc.: 0.296%)

Determinands

Moisture content: **9.8% 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	arsenic { arsenic trioxide }				26 mg/kg	1.32	34.328 mg/kg	0.00343 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				1.6 mg/kg	1.142	1.828 mg/kg	0.000183 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				1.6 mg/kg	1.462	2.338 mg/kg	0.000234 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				65 mg/kg	1.126	73.183 mg/kg	0.00732 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	390 mg/kg		390 mg/kg	0.039 %			
	082-001-00-6										
7	mercury { mercury dichloride }				6.6 mg/kg	1.353	8.933 mg/kg	0.000893 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				34 mg/kg	2.637	89.647 mg/kg	0.00896 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				1200 mg/kg	2.469	2963.156 mg/kg	0.296 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				879 mg/kg		879 mg/kg	0.0879 %			
			TPH								

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
16	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<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]							
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
	006-007-00-5									
18	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				8.2 mg/kg		8.2 mg/kg	0.00082 %		
		205-917-1	208-96-8							
21	acenaphthene				2.5 mg/kg		2.5 mg/kg	0.00025 %		
		201-469-6	83-32-9							
22	fluorene				7.1 mg/kg		7.1 mg/kg	0.00071 %		
		201-695-5	86-73-7							
23	phenanthrene				73 mg/kg		73 mg/kg	0.0073 %		
		201-581-5	85-01-8							
24	anthracene				24 mg/kg		24 mg/kg	0.0024 %		
		204-371-1	120-12-7							
25	fluoranthene				120 mg/kg		120 mg/kg	0.012 %		
		205-912-4	206-44-0							
26	pyrene				98 mg/kg		98 mg/kg	0.0098 %		
		204-927-3	129-00-0							
27	benzo[a]anthracene				53 mg/kg		53 mg/kg	0.0053 %		
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				42 mg/kg		42 mg/kg	0.0042 %		
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				49 mg/kg		49 mg/kg	0.0049 %		
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				15 mg/kg		15 mg/kg	0.0015 %		
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				42 mg/kg		42 mg/kg	0.0042 %		
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				19 mg/kg		19 mg/kg	0.0019 %		
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				6.4 mg/kg		6.4 mg/kg	0.00064 %		
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				18 mg/kg		18 mg/kg	0.0018 %		
		205-883-8	191-24-2							
35	phenol				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
Total:								0.503 %		

Key

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

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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenytrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0879%)

Classification of sample: MTP03[4]

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

Sample details

Sample name:	LoW Code:
MTP03[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% 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	arsenic { arsenic trioxide }				15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				28 mg/kg	1.126	31.525 mg/kg	0.00315 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	26 mg/kg		26 mg/kg	0.0026 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				41 mg/kg	2.637	108.104 mg/kg	0.0108 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				53 mg/kg		53 mg/kg	0.0053 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				7.7 pH		7.7 pH	7.7 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			0.24 mg/kg		0.24 mg/kg	0.000024 %		
21	 acenaphthene 201-469-6	83-32-9			0.24 mg/kg		0.24 mg/kg	0.000024 %		
22	 fluorene 201-695-5	86-73-7			0.41 mg/kg		0.41 mg/kg	0.000041 %		
23	 phenanthrene 201-581-5	85-01-8			4.1 mg/kg		4.1 mg/kg	0.00041 %		
24	 anthracene 204-371-1	120-12-7			0.98 mg/kg		0.98 mg/kg	0.000098 %		
25	 fluoranthene 205-912-4	206-44-0			4.1 mg/kg		4.1 mg/kg	0.00041 %		
26	 pyrene 204-927-3	129-00-0			3.3 mg/kg		3.3 mg/kg	0.00033 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		2 mg/kg		2 mg/kg	0.0002 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.4 mg/kg		1.4 mg/kg	0.00014 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.4 mg/kg		1.4 mg/kg	0.00014 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.92 mg/kg		0.92 mg/kg	0.000092 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.6 mg/kg		1.6 mg/kg	0.00016 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			0.66 mg/kg		0.66 mg/kg	0.000066 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.21 mg/kg		0.21 mg/kg	0.000021 %		
34	 benzo[ghi]perylene 205-883-8	191-24-2			0.75 mg/kg		0.75 mg/kg	0.000075 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0573 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0053%)

Classification of sample: MTP04[3]

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

Sample details

Sample name:	LoW Code:
MTP04[3]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.5 m	
Moisture content:	
7.3%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.3% 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	arsenic { arsenic trioxide }				50 mg/kg	1.32	66.016 mg/kg	0.0066 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				24 mg/kg	1.126	27.021 mg/kg	0.0027 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	25 mg/kg		25 mg/kg	0.0025 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				54 mg/kg	2.637	142.381 mg/kg	0.0142 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				99 mg/kg	2.469	244.46 mg/kg	0.0244 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				62 mg/kg		62 mg/kg	0.0062 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH		PH		9.5 pH		9.5 pH	9.5 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene	201-469-6	83-32-9		0.29 mg/kg		0.29 mg/kg	0.000029 %		
22	 fluorene	201-695-5	86-73-7		0.23 mg/kg		0.23 mg/kg	0.000023 %		
23	 phenanthrene	201-581-5	85-01-8		0.6 mg/kg		0.6 mg/kg	0.00006 %		
24	 anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene	205-912-4	206-44-0		0.54 mg/kg		0.54 mg/kg	0.000054 %		
26	 pyrene	204-927-3	129-00-0		0.43 mg/kg		0.43 mg/kg	0.000043 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<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	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	 indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
36	 polychlorobiphenyls; PCB 602-039-00-4	215-648-1	1336-36-3		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
Total:								0.0585 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

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: MTP04[4]

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

Sample details

Sample name:	LoW Code:
MTP04[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% 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	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				29 mg/kg	1.126	32.651 mg/kg	0.00327 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16 mg/kg		16 mg/kg	0.0016 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				42 mg/kg	2.637	110.741 mg/kg	0.0111 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				72 mg/kg	2.469	177.789 mg/kg	0.0178 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				8.6 pH		8.6 pH	8.6 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	 anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	 pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<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	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
36	 polychlorobiphenyls; PCB 602-039-00-4	215-648-1	1336-36-3		<0.007 mg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
Total:								0.0395 %		

Key

	User 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: MTP05[3]

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

Sample details

Sample name:	LoW Code:
MTP05[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.1%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.1% 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	arsenic { arsenic trioxide }				12 mg/kg	1.32	15.844 mg/kg	0.00158 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.7 mg/kg	1.142	0.8 mg/kg	0.00008 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				0.7 mg/kg	1.462	1.023 mg/kg	0.000102 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				12 mg/kg	1.126	13.511 mg/kg	0.00135 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	40 mg/kg		40 mg/kg	0.004 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				10 mg/kg	2.637	26.367 mg/kg	0.00264 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				70 mg/kg	2.469	172.851 mg/kg	0.0173 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				223 mg/kg		223 mg/kg	0.0223 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	pH				9 pH		9 pH	9pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	acenaphthene 201-469-6	83-32-9			0.33 mg/kg		0.33 mg/kg	0.000033 %			
22	fluorene 201-695-5	86-73-7			0.38 mg/kg		0.38 mg/kg	0.000038 %			
23	phenanthrene 201-581-5	85-01-8			3.1 mg/kg		3.1 mg/kg	0.00031 %			
24	anthracene 204-371-1	120-12-7			1 mg/kg		1 mg/kg	0.0001 %			
25	fluoranthene 205-912-4	206-44-0			3.9 mg/kg		3.9 mg/kg	0.00039 %			
26	pyrene 204-927-3	129-00-0			3.3 mg/kg		3.3 mg/kg	0.00033 %			
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		2 mg/kg		2 mg/kg	0.0002 %			
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.6 mg/kg		1.6 mg/kg	0.00016 %			
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.8 mg/kg		1.8 mg/kg	0.00018 %			
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.84 mg/kg		0.84 mg/kg	0.000084 %			
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.9 mg/kg		1.9 mg/kg	0.00019 %			
32	indeno[123-cd]pyrene 205-893-2	193-39-5			0.89 mg/kg		0.89 mg/kg	0.000089 %			
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.29 mg/kg		0.29 mg/kg	0.000029 %			
34	benzo[ghi]perylene 205-883-8	191-24-2			0.93 mg/kg		0.93 mg/kg	0.000093 %			
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0531 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0223%)

Classification of sample: MTP05[4]

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

Sample details

Sample name:	LoW Code:
MTP05[4]	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)
0.7 m	
Moisture content:	
5.1%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 5.1% 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	arsenic { arsenic trioxide }				13 mg/kg	1.32	17.164 mg/kg	0.00172 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				0.6 mg/kg	1.142	0.685 mg/kg	0.0000685 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				0.6 mg/kg	1.462	0.877 mg/kg	0.0000877 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				23 mg/kg	1.126	25.895 mg/kg	0.00259 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	60 mg/kg		60 mg/kg	0.006 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				15 mg/kg	2.637	39.55 mg/kg	0.00396 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				100 mg/kg	2.469	246.93 mg/kg	0.0247 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group		TPH		460 mg/kg		460 mg/kg	0.046 %			
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH		PH		8.2 pH		8.2 pH	8.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene	205-917-1	208-96-8		0.26 mg/kg		0.26 mg/kg	0.000026 %		
21	 acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene	201-581-5	85-01-8		1.2 mg/kg		1.2 mg/kg	0.00012 %		
24	 anthracene	204-371-1	120-12-7		0.55 mg/kg		0.55 mg/kg	0.000055 %		
25	 fluoranthene	205-912-4	206-44-0		5.4 mg/kg		5.4 mg/kg	0.00054 %		
26	 pyrene	204-927-3	129-00-0		5.5 mg/kg		5.5 mg/kg	0.00055 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		3.4 mg/kg		3.4 mg/kg	0.00034 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		2.5 mg/kg		2.5 mg/kg	0.00025 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		3.3 mg/kg		3.3 mg/kg	0.00033 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2.2 mg/kg		2.2 mg/kg	0.00022 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		3.1 mg/kg		3.1 mg/kg	0.00031 %		
32	 indeno[123-cd]pyrene	205-893-2	193-39-5		1.7 mg/kg		1.7 mg/kg	0.00017 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene	205-883-8	191-24-2		1.9 mg/kg		1.9 mg/kg	0.00019 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<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)
	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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: MHP01[3]

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

Sample details

Sample name:	LoW Code:
MHP01[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
17%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 17% 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	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				52 mg/kg	1.126	58.546 mg/kg	0.00585 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	200 mg/kg		200 mg/kg	0.02 %		
	082-001-00-6									
7	mercury { mercury dichloride }				1.1 mg/kg	1.353	1.489 mg/kg	0.000149 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				21 mg/kg	2.637	55.37 mg/kg	0.00554 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				140 mg/kg	2.469	345.701 mg/kg	0.0346 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group		TPH		59 mg/kg		59 mg/kg	0.0059 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				7.2 pH		7.2 pH	7.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene 201-581-5	85-01-8			1.5 mg/kg		1.5 mg/kg	0.00015 %		
24	 anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene 205-912-4	206-44-0			2.3 mg/kg		2.3 mg/kg	0.00023 %		
26	 pyrene 204-927-3	129-00-0			2 mg/kg		2 mg/kg	0.0002 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1 mg/kg		1 mg/kg	0.0001 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.87 mg/kg		0.87 mg/kg	0.000087 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.95 mg/kg		0.95 mg/kg	0.000095 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.43 mg/kg		0.43 mg/kg	0.000043 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.9 mg/kg		0.9 mg/kg	0.00009 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			0.43 mg/kg		0.43 mg/kg	0.000043 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene 205-883-8	191-24-2			0.43 mg/kg		0.43 mg/kg	0.000043 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0767 %		

Key

-  User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0059%)

Classification of sample: MHP01[4]

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

Sample details

Sample name:	LoW Code:
MHP01[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.8 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **18% 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	arsenic { arsenic trioxide }				15 mg/kg	1.32	19.805 mg/kg	0.00198 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				26 mg/kg	1.126	29.273 mg/kg	0.00293 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	22 mg/kg		22 mg/kg	0.0022 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				43 mg/kg	2.637	113.377 mg/kg	0.0113 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				69 mg/kg	2.469	170.381 mg/kg	0.017 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH		PH		7.8 pH		7.8 pH	7.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	 anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	 pyrene	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<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	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	 indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0391 %		

Key

- User 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: MHP02[3]

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

Sample details

Sample name:	LoW Code:
MHP02[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.45 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **18% 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	arsenic { arsenic trioxide }				20 mg/kg	1.32	26.407 mg/kg	0.00264 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				74 mg/kg	1.126	83.316 mg/kg	0.00833 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	620 mg/kg		620 mg/kg	0.062 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				33 mg/kg	2.637	87.011 mg/kg	0.0087 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				400 mg/kg	2.469	987.719 mg/kg	0.0988 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				73 mg/kg		73 mg/kg	0.0073 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	pH		PH		8 pH		8 pH	8pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		
20	acenaphthylene	205-917-1	208-96-8		0.35 mg/kg		0.35 mg/kg	0.000035 %		
21	acenaphthene	201-469-6	83-32-9		0.3 mg/kg		0.3 mg/kg	0.00003 %		
22	fluorene	201-695-5	86-73-7		0.3 mg/kg		0.3 mg/kg	0.00003 %		
23	phenanthrene	201-581-5	85-01-8		4.9 mg/kg		4.9 mg/kg	0.00049 %		
24	anthracene	204-371-1	120-12-7		0.8 mg/kg		0.8 mg/kg	0.00008 %		
25	fluoranthene	205-912-4	206-44-0		7.7 mg/kg		7.7 mg/kg	0.00077 %		
26	pyrene	204-927-3	129-00-0		6.6 mg/kg		6.6 mg/kg	0.00066 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		4.4 mg/kg		4.4 mg/kg	0.00044 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		3.1 mg/kg		3.1 mg/kg	0.00031 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		3.8 mg/kg		3.8 mg/kg	0.00038 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2.3 mg/kg		2.3 mg/kg	0.00023 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		3.8 mg/kg		3.8 mg/kg	0.00038 %		
32	indeno[123-cd]pyrene	205-893-2	193-39-5		2.1 mg/kg		2.1 mg/kg	0.00021 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.64 mg/kg		0.64 mg/kg	0.000064 %		
34	benzo[ghi]perylene	205-883-8	191-24-2		2.4 mg/kg		2.4 mg/kg	0.00024 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.194 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
- Determinand defined or amended by HazWasteOnline (see Appendix A)
- Speciated 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: MHP02[4]

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

Sample details

Sample name:	LoW Code:
MHP02[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 18% 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	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				37 mg/kg	1.126	41.658 mg/kg	0.00417 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	30 mg/kg		30 mg/kg	0.003 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				60 mg/kg	2.637	158.201 mg/kg	0.0158 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				87 mg/kg	2.469	214.829 mg/kg	0.0215 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %		<LOD
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				8 pH		8 pH	8pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	 anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	 pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<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	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0502 %		

Key

- User 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: MHP03[2]

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

Sample details

Sample name:	LoW Code:
MHP03[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% 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	arsenic { arsenic trioxide }				15 mg/kg	1.32	19.805 mg/kg	0.00198 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				86 mg/kg	1.126	96.826 mg/kg	0.00968 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	250 mg/kg		250 mg/kg	0.025 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				46 mg/kg	2.637	121.288 mg/kg	0.0121 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				250 mg/kg	2.469	617.324 mg/kg	0.0617 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				35 mg/kg		35 mg/kg	0.0035 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				7.9 pH		7.9 pH	7.9 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene 201-581-5	85-01-8			1.8 mg/kg		1.8 mg/kg	0.00018 %		
24	 anthracene 204-371-1	120-12-7			0.3 mg/kg		0.3 mg/kg	0.00003 %		
25	 fluoranthene 205-912-4	206-44-0			3.5 mg/kg		3.5 mg/kg	0.00035 %		
26	 pyrene 204-927-3	129-00-0			2.9 mg/kg		2.9 mg/kg	0.00029 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.7 mg/kg		1.7 mg/kg	0.00017 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.7 mg/kg		1.7 mg/kg	0.00017 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.7 mg/kg		1.7 mg/kg	0.00017 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.9 mg/kg		1.9 mg/kg	0.00019 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			0.95 mg/kg		0.95 mg/kg	0.000095 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.3 mg/kg		0.3 mg/kg	0.00003 %		
34	 benzo[ghi]perylene 205-883-8	191-24-2			1.1 mg/kg		1.1 mg/kg	0.00011 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.118 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
-  Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0035%)

Classification of sample: MHP04[2]

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

Sample details

Sample name:	LoW Code:
MHP04[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.3 m	
Moisture content:	
16%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **16% 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	arsenic { arsenic trioxide }				23 mg/kg	1.32	30.367 mg/kg	0.00304 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				87 mg/kg	1.126	97.952 mg/kg	0.0098 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	550 mg/kg		550 mg/kg	0.055 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				30 mg/kg	2.637	79.101 mg/kg	0.00791 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				330 mg/kg	2.469	814.868 mg/kg	0.0815 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group		TPH		110 mg/kg		110 mg/kg	0.011 %			
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				7.9 pH		7.9 pH	7.9 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene 201-581-5	85-01-8			1.7 mg/kg		1.7 mg/kg	0.00017 %		
24	 anthracene 204-371-1	120-12-7			0.21 mg/kg		0.21 mg/kg	0.000021 %		
25	 fluoranthene 205-912-4	206-44-0			4 mg/kg		4 mg/kg	0.0004 %		
26	 pyrene 204-927-3	129-00-0			3.6 mg/kg		3.6 mg/kg	0.00036 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		2.1 mg/kg		2.1 mg/kg	0.00021 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		2.3 mg/kg		2.3 mg/kg	0.00023 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		2.8 mg/kg		2.8 mg/kg	0.00028 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		1 mg/kg		1 mg/kg	0.0001 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		2.3 mg/kg		2.3 mg/kg	0.00023 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			1.3 mg/kg		1.3 mg/kg	0.00013 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.36 mg/kg		0.36 mg/kg	0.000036 %		
34	 benzo[ghi]perylene 205-883-8	191-24-2			1.5 mg/kg		1.5 mg/kg	0.00015 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.172 %		

Key

-  User supplied data
-  Determinand values ignored for classification, see column 'Conc. Not Used' for reason
-  Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
- <LOD** Below limit of detection
- 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.011%)

Classification of sample: MHP05[3]

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

Sample details

Sample name:	LoW Code:
MHP05[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% 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	arsenic { arsenic trioxide }				53 mg/kg	1.32	69.977 mg/kg	0.007 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				110 mg/kg	1.126	123.848 mg/kg	0.0124 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	760 mg/kg		760 mg/kg	0.076 %		
	082-001-00-6									
7	mercury { mercury dichloride }				1 mg/kg	1.353	1.353 mg/kg	0.000135 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				35 mg/kg	2.637	92.284 mg/kg	0.00923 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				340 mg/kg	2.469	839.561 mg/kg	0.084 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				160 mg/kg		160 mg/kg	0.016 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				8.2 pH		8.2 pH	8.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			0.36 mg/kg		0.36 mg/kg	0.000036 %		
21	 acenaphthene 201-469-6	83-32-9			0.21 mg/kg		0.21 mg/kg	0.000021 %		
22	 fluorene 201-695-5	86-73-7			0.28 mg/kg		0.28 mg/kg	0.000028 %		
23	 phenanthrene 201-581-5	85-01-8			6.6 mg/kg		6.6 mg/kg	0.00066 %		
24	 anthracene 204-371-1	120-12-7			1 mg/kg		1 mg/kg	0.0001 %		
25	 fluoranthene 205-912-4	206-44-0			13 mg/kg		13 mg/kg	0.0013 %		
26	 pyrene 204-927-3	129-00-0			11 mg/kg		11 mg/kg	0.0011 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		5.7 mg/kg		5.7 mg/kg	0.00057 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		5.6 mg/kg		5.6 mg/kg	0.00056 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		5.7 mg/kg		5.7 mg/kg	0.00057 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.3 mg/kg		3.3 mg/kg	0.00033 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		6.1 mg/kg		6.1 mg/kg	0.00061 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			3 mg/kg		3 mg/kg	0.0003 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.8 mg/kg		0.8 mg/kg	0.00008 %		
34	 benzo[ghi]perylene 205-883-8	191-24-2			3.4 mg/kg		3.4 mg/kg	0.00034 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.213 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.016%)

Classification of sample: MHP05[4]

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

Sample details

Sample name:	LoW Code:
MHP05[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **13% 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	arsenic { arsenic trioxide }				43 mg/kg	1.32	56.774 mg/kg	0.00568 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	23.644 mg/kg	0.00236 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	29 mg/kg		29 mg/kg	0.0029 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				26 mg/kg	2.637	68.554 mg/kg	0.00686 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				32 mg/kg	2.469	79.017 mg/kg	0.0079 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				37 mg/kg		37 mg/kg	0.0037 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH		PH		8.3 pH		8.3 pH	8.3 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene	201-581-5	85-01-8		0.53 mg/kg		0.53 mg/kg	0.000053 %		
24	 anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene	205-912-4	206-44-0		1.5 mg/kg		1.5 mg/kg	0.00015 %		
26	 pyrene	204-927-3	129-00-0		1.3 mg/kg		1.3 mg/kg	0.00013 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.91 mg/kg		0.91 mg/kg	0.000091 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.68 mg/kg		0.68 mg/kg	0.000068 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.82 mg/kg		0.82 mg/kg	0.000082 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.56 mg/kg		0.56 mg/kg	0.000056 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.92 mg/kg		0.92 mg/kg	0.000092 %		
32	 indeno[123-cd]pyrene	205-893-2	193-39-5		0.45 mg/kg		0.45 mg/kg	0.000045 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene	205-883-8	191-24-2		0.51 mg/kg		0.51 mg/kg	0.000051 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0318 %		

Key

-  User supplied data
-  Determinand values ignored for classification, see column 'Conc. Not Used' for reason
-  Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0037%)

Classification of sample: MHP06[2]

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

Sample details

Sample name:	LoW Code:
MHP06[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 16% 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	arsenic { arsenic trioxide }				43 mg/kg	1.32	56.774 mg/kg	0.00568 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				76 mg/kg	1.126	85.568 mg/kg	0.00856 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	720 mg/kg		720 mg/kg	0.072 %		
	082-001-00-6									
7	mercury { mercury dichloride }				1.6 mg/kg	1.353	2.166 mg/kg	0.000217 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				32 mg/kg	2.637	84.374 mg/kg	0.00844 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				220 mg/kg	2.469	543.245 mg/kg	0.0543 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				70 mg/kg		70 mg/kg	0.007 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				7.6 pH		7.6 pH	7.6 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene 201-581-5	85-01-8			0.86 mg/kg		0.86 mg/kg	0.000086 %		
24	 anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene 205-912-4	206-44-0			1.4 mg/kg		1.4 mg/kg	0.00014 %		
26	 pyrene 204-927-3	129-00-0			1.2 mg/kg		1.2 mg/kg	0.00012 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.76 mg/kg		0.76 mg/kg	0.000076 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.63 mg/kg		0.63 mg/kg	0.000063 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.65 mg/kg		0.65 mg/kg	0.000065 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.5 mg/kg		0.5 mg/kg	0.00005 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.74 mg/kg		0.74 mg/kg	0.000074 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			0.39 mg/kg		0.39 mg/kg	0.000039 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene 205-883-8	191-24-2			0.45 mg/kg		0.45 mg/kg	0.000045 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.159 %		

Key

-  User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.007%)

Classification of sample: MHP07[2]

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

Sample details

Sample name:	LoW Code:
MHP07[2]	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Sample Depth:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
0.2 m	
Moisture content:	
19%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 19% 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	arsenic { arsenic trioxide }				71 mg/kg	1.32	93.743 mg/kg	0.00937 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				72 mg/kg	1.126	81.064 mg/kg	0.00811 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	220 mg/kg		220 mg/kg	0.022 %			
	082-001-00-6										
7	mercury { mercury dichloride }				0.9 mg/kg	1.353	1.218 mg/kg	0.000122 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				31 mg/kg	2.637	81.737 mg/kg	0.00817 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				170 mg/kg	2.469	419.78 mg/kg	0.042 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				87 mg/kg		87 mg/kg	0.0087 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	pH		PH		7.6 pH		7.6 pH	7.6 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene	201-581-5	85-01-8		2.3 mg/kg		2.3 mg/kg	0.00023 %		
24	anthracene	204-371-1	120-12-7		0.74 mg/kg		0.74 mg/kg	0.000074 %		
25	fluoranthene	205-912-4	206-44-0		9 mg/kg		9 mg/kg	0.0009 %		
26	pyrene	204-927-3	129-00-0		8.3 mg/kg		8.3 mg/kg	0.00083 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		6 mg/kg		6 mg/kg	0.0006 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		4.6 mg/kg		4.6 mg/kg	0.00046 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		6.2 mg/kg		6.2 mg/kg	0.00062 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2.7 mg/kg		2.7 mg/kg	0.00027 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		6 mg/kg		6 mg/kg	0.0006 %		
32	indeno[123-cd]pyrene	205-893-2	193-39-5		2.8 mg/kg		2.8 mg/kg	0.00028 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.82 mg/kg		0.82 mg/kg	0.000082 %		
34	benzo[ghi]perylene	205-883-8	191-24-2		3.2 mg/kg		3.2 mg/kg	0.00032 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.105 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0087%)

Classification of sample: MHP08[2]

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

Sample details

Sample name:	LoW Code:
MHP08[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 14% 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	arsenic { arsenic trioxide }				43 mg/kg	1.32	56.774 mg/kg	0.00568 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				60 mg/kg	1.126	67.553 mg/kg	0.00676 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	230 mg/kg		230 mg/kg	0.023 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.5 mg/kg	1.353	0.677 mg/kg	0.0000677 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				22 mg/kg	2.637	58.007 mg/kg	0.0058 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				210 mg/kg	2.469	518.552 mg/kg	0.0519 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group		TPH		102 mg/kg		102 mg/kg	0.0102 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				7.8 pH		7.8 pH	7.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			0.21 mg/kg		0.21 mg/kg	0.000021 %		
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			4.8 mg/kg		4.8 mg/kg	0.00048 %		
24	anthracene 204-371-1	120-12-7			1.3 mg/kg		1.3 mg/kg	0.00013 %		
25	fluoranthene 205-912-4	206-44-0			12 mg/kg		12 mg/kg	0.0012 %		
26	pyrene 204-927-3	129-00-0			11 mg/kg		11 mg/kg	0.0011 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		6.5 mg/kg		6.5 mg/kg	0.00065 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		5.2 mg/kg		5.2 mg/kg	0.00052 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		5.5 mg/kg		5.5 mg/kg	0.00055 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.2 mg/kg		3.2 mg/kg	0.00032 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		5.6 mg/kg		5.6 mg/kg	0.00056 %		
32	indeno[123-cd]pyrene 205-893-2	193-39-5			2.6 mg/kg		2.6 mg/kg	0.00026 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.67 mg/kg		0.67 mg/kg	0.000067 %		
34	benzo[ghi]perylene 205-883-8	191-24-2			2.8 mg/kg		2.8 mg/kg	0.00028 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.111 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0102%)

Classification of sample: MHP09[2]

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

Sample details

Sample name:	LoW Code:
MHP09[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.15 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **19% 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	arsenic { arsenic trioxide }				17 mg/kg	1.32	22.446 mg/kg	0.00224 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				57 mg/kg	1.126	64.176 mg/kg	0.00642 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	250 mg/kg		250 mg/kg	0.025 %			
	082-001-00-6										
7	mercury { mercury dichloride }				0.7 mg/kg	1.353	0.947 mg/kg	0.0000947 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				24 mg/kg	2.637	63.28 mg/kg	0.00633 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				110 mg/kg	2.469	271.623 mg/kg	0.0272 %			
	030-006-00-9	231-793-3 [1]	7446-19-7 [1]								
		231-793-3 [2]	7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				<20 mg/kg		<20 mg/kg	<0.002 %			<LOD
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH		PH		5.8 pH		5.8 pH	5.8 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene	201-581-5	85-01-8		0.22 mg/kg		0.22 mg/kg	0.000022 %		
24	 anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene	205-912-4	206-44-0		0.4 mg/kg		0.4 mg/kg	0.00004 %		
26	 pyrene	204-927-3	129-00-0		0.37 mg/kg		0.37 mg/kg	0.000037 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<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	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	 indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0709 %		

Key

-  User 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: MHP10[2]

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

Sample details

Sample name:	LoW Code:
MHP10[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.9%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.9% 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	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485 mg/kg	0.00185 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				62 mg/kg	1.126	69.805 mg/kg	0.00698 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	380 mg/kg		380 mg/kg	0.038 %			
	082-001-00-6										
7	mercury { mercury dichloride }				1 mg/kg	1.353	1.353 mg/kg	0.000135 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				20 mg/kg	2.637	52.734 mg/kg	0.00527 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				120 mg/kg	2.469	296.316 mg/kg	0.0296 %			
	030-006-00-9	231-793-3 [1]	7446-19-7 [1]								
		231-793-3 [2]	7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				60 mg/kg		60 mg/kg	0.006 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	pH		PH		8.2 pH		8.2 pH	8.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.43 mg/kg		0.43 mg/kg	0.000043 %		
20	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene	201-581-5	85-01-8		2.8 mg/kg		2.8 mg/kg	0.00028 %		
24	anthracene	204-371-1	120-12-7		0.32 mg/kg		0.32 mg/kg	0.000032 %		
25	fluoranthene	205-912-4	206-44-0		3.1 mg/kg		3.1 mg/kg	0.00031 %		
26	pyrene	204-927-3	129-00-0		2.4 mg/kg		2.4 mg/kg	0.00024 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.6 mg/kg		1.6 mg/kg	0.00016 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.5 mg/kg		1.5 mg/kg	0.00015 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.3 mg/kg		1.3 mg/kg	0.00013 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.79 mg/kg		0.79 mg/kg	0.000079 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.3 mg/kg		1.3 mg/kg	0.00013 %		
32	indeno[123-cd]pyrene	205-893-2	193-39-5		0.55 mg/kg		0.55 mg/kg	0.000055 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.21 mg/kg		0.21 mg/kg	0.000021 %		
34	benzo[ghi]perylene	205-883-8	191-24-2		0.66 mg/kg		0.66 mg/kg	0.000066 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0911 %		

Key

	User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

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

Classification of sample: MHP11[3]

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

Sample details

Sample name:	LoW Code:
MHP11[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 11% 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	arsenic { arsenic trioxide }				18 mg/kg	1.32	23.766 mg/kg	0.00238 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	23.644 mg/kg	0.00236 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	44 mg/kg		44 mg/kg	0.0044 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				21 mg/kg	2.637	55.37 mg/kg	0.00554 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				35 mg/kg	2.469	86.425 mg/kg	0.00864 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				380 mg/kg		380 mg/kg	0.038 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				9.4 pH		9.4 pH	9.4 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.22 mg/kg		0.22 mg/kg	0.000022 %		
20	 acenaphthylene 205-917-1	208-96-8			1.1 mg/kg		1.1 mg/kg	0.00011 %		
21	 acenaphthene 201-469-6	83-32-9			0.53 mg/kg		0.53 mg/kg	0.000053 %		
22	 fluorene 201-695-5	86-73-7			1.6 mg/kg		1.6 mg/kg	0.00016 %		
23	 phenanthrene 201-581-5	85-01-8			13 mg/kg		13 mg/kg	0.0013 %		
24	 anthracene 204-371-1	120-12-7			3.1 mg/kg		3.1 mg/kg	0.00031 %		
25	 fluoranthene 205-912-4	206-44-0			18 mg/kg		18 mg/kg	0.0018 %		
26	 pyrene 204-927-3	129-00-0			15 mg/kg		15 mg/kg	0.0015 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		8.2 mg/kg		8.2 mg/kg	0.00082 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		6.5 mg/kg		6.5 mg/kg	0.00065 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		7.5 mg/kg		7.5 mg/kg	0.00075 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		3.1 mg/kg		3.1 mg/kg	0.00031 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		7.7 mg/kg		7.7 mg/kg	0.00077 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			3.3 mg/kg		3.3 mg/kg	0.00033 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.93 mg/kg		0.93 mg/kg	0.000093 %		
34	 benzo[ghi]perylene 205-883-8	191-24-2			3.8 mg/kg		3.8 mg/kg	0.00038 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
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)
-  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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.038%)

Classification of sample: MHP11[4]

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

Sample details

Sample name:	LoW Code:
MHP11[4]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **16% 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	arsenic { arsenic trioxide }				14 mg/kg	1.32	18.485 mg/kg	0.00185 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				32 mg/kg	1.126	36.028 mg/kg	0.0036 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		19 mg/kg	0.0019 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				51 mg/kg	2.637	134.471 mg/kg	0.0134 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				78 mg/kg	2.469	192.605 mg/kg	0.0193 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				24 mg/kg		24 mg/kg	0.0024 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	 cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH		PH		8.1 pH		8.1 pH	8.1 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	 acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	 acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	 fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	 phenanthrene	201-581-5	85-01-8		0.4 mg/kg		0.4 mg/kg	0.00004 %		
24	 anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	 fluoranthene	205-912-4	206-44-0		0.46 mg/kg		0.46 mg/kg	0.000046 %		
26	 pyrene	204-927-3	129-00-0		0.37 mg/kg		0.37 mg/kg	0.000037 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<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	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	 indeno[123-cd]pyrene	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	 benzo[ghi]perylene	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0442 %		

Key

-  User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concentrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0024%)

Classification of sample: MHP12[2]

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

Sample details

Sample name:	LoW Code:
MHP12[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
4.7%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 4.7% 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	arsenic { arsenic trioxide }				8.6 mg/kg	1.32	11.355 mg/kg	0.00114 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.8 mg/kg	1.142	0.914 mg/kg	0.0000914 %		
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				0.8 mg/kg	1.462	1.169 mg/kg	0.000117 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				15 mg/kg	1.126	16.888 mg/kg	0.00169 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	42 mg/kg		42 mg/kg	0.0042 %		
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				15 mg/kg	2.637	39.55 mg/kg	0.00396 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group		TPH		580 mg/kg		580 mg/kg	0.058 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	 pH PH				9.4 pH		9.4 pH	9.4 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		0.23 mg/kg		0.23 mg/kg	0.000023 %		
20	 acenaphthylene 205-917-1	208-96-8			2 mg/kg		2 mg/kg	0.0002 %		
21	 acenaphthene 201-469-6	83-32-9			0.65 mg/kg		0.65 mg/kg	0.000065 %		
22	 fluorene 201-695-5	86-73-7			1.7 mg/kg		1.7 mg/kg	0.00017 %		
23	 phenanthrene 201-581-5	85-01-8			12 mg/kg		12 mg/kg	0.0012 %		
24	 anthracene 204-371-1	120-12-7			2.9 mg/kg		2.9 mg/kg	0.00029 %		
25	 fluoranthene 205-912-4	206-44-0			20 mg/kg		20 mg/kg	0.002 %		
26	 pyrene 204-927-3	129-00-0			18 mg/kg		18 mg/kg	0.0018 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		11 mg/kg		11 mg/kg	0.0011 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		9.1 mg/kg		9.1 mg/kg	0.00091 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		12 mg/kg		12 mg/kg	0.0012 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		6 mg/kg		6 mg/kg	0.0006 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		13 mg/kg		13 mg/kg	0.0013 %		
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			6.1 mg/kg		6.1 mg/kg	0.00061 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		1.7 mg/kg		1.7 mg/kg	0.00017 %		
34	 benzo[ghi]perylene 205-883-8	191-24-2			7 mg/kg		7 mg/kg	0.0007 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.113 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.058%)

Classification of sample: MHP13[2]

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

Sample details

Sample name:	LoW Code:
MHP13[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.4 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **11% 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	arsenic { arsenic trioxide }				49 mg/kg	1.32	64.696 mg/kg	0.00647 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %			<LOD
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %			<LOD
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				21 mg/kg	1.126	23.644 mg/kg	0.00236 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	160 mg/kg		160 mg/kg	0.016 %			
	082-001-00-6										
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %			<LOD
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				29 mg/kg	2.637	76.464 mg/kg	0.00765 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				45 mg/kg	2.469	111.118 mg/kg	0.0111 %			
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				53 mg/kg		53 mg/kg	0.0053 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	pH		PH		9.3 pH		9.3 pH	9.3 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene	201-581-5	85-01-8		1.9 mg/kg		1.9 mg/kg	0.00019 %		
24	anthracene	204-371-1	120-12-7		0.4 mg/kg		0.4 mg/kg	0.00004 %		
25	fluoranthene	205-912-4	206-44-0		1.7 mg/kg		1.7 mg/kg	0.00017 %		
26	pyrene	204-927-3	129-00-0		1.4 mg/kg		1.4 mg/kg	0.00014 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.76 mg/kg		0.76 mg/kg	0.000076 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.54 mg/kg		0.54 mg/kg	0.000054 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.59 mg/kg		0.59 mg/kg	0.000059 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.4 mg/kg		0.4 mg/kg	0.00004 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.68 mg/kg		0.68 mg/kg	0.000068 %		
32	indeno[123-cd]pyrene	205-893-2	193-39-5		0.31 mg/kg		0.31 mg/kg	0.000031 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene	205-883-8	191-24-2		0.36 mg/kg		0.36 mg/kg	0.000036 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.0514 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0053%)

Classification of sample: MHP14[2]

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

Sample details

Sample name:	LoW Code:
MHP14[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
20%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 20% 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	arsenic { arsenic trioxide }				24 mg/kg	1.32	31.688 mg/kg	0.00317 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				60 mg/kg	1.126	67.553 mg/kg	0.00676 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	150 mg/kg		150 mg/kg	0.015 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				32 mg/kg	2.637	84.374 mg/kg	0.00844 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				120 mg/kg	2.469	296.316 mg/kg	0.0296 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group		TPH		85 mg/kg		85 mg/kg	0.0085 %		
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	 pH PH				8 pH		8 pH	8pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	 phenanthrene 201-581-5	85-01-8			2.8 mg/kg		2.8 mg/kg	0.00028 %			
24	 anthracene 204-371-1	120-12-7			0.44 mg/kg		0.44 mg/kg	0.000044 %			
25	 fluoranthene 205-912-4	206-44-0			5.3 mg/kg		5.3 mg/kg	0.00053 %			
26	 pyrene 204-927-3	129-00-0			4.3 mg/kg		4.3 mg/kg	0.00043 %			
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		2.7 mg/kg		2.7 mg/kg	0.00027 %			
28	chrysene 601-048-00-0	205-923-4	218-01-9		2.4 mg/kg		2.4 mg/kg	0.00024 %			
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		2.5 mg/kg		2.5 mg/kg	0.00025 %			
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		2 mg/kg		2 mg/kg	0.0002 %			
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		2.8 mg/kg		2.8 mg/kg	0.00028 %			
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			1.5 mg/kg		1.5 mg/kg	0.00015 %			
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.43 mg/kg		0.43 mg/kg	0.000043 %			
34	 benzo[ghi]perylene 205-883-8	191-24-2			1.7 mg/kg		1.7 mg/kg	0.00017 %			
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.076 %		

Key

- User supplied data
- Determinand values ignored for classification, see column 'Conc. Not Used' for reason
-  Determinand defined or amended by HazWasteOnline (see Appendix A)
-  Speciated 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0085%)

Classification of sample: MHP15[2]

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

Sample details

Sample name:	LoW Code:
MHP15[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: **15% 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	arsenic { arsenic trioxide }				72 mg/kg	1.32	95.063 mg/kg	0.00951 %			
	033-003-00-0	215-481-4	1327-53-3								
2	cadmium { cadmium oxide }				3.4 mg/kg	1.142	3.884 mg/kg	0.000388 %			
	048-002-00-0	215-146-2	1306-19-0								
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				3.4 mg/kg	1.462	4.969 mg/kg	0.000497 %			
		215-160-9	1308-38-9								
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %			<LOD
	024-017-00-8										
5	copper { dicopper oxide; copper (I) oxide }				100 mg/kg	1.126	112.589 mg/kg	0.0113 %			
	029-002-00-X	215-270-7	1317-39-1								
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	220 mg/kg		220 mg/kg	0.022 %			
	082-001-00-6										
7	mercury { mercury dichloride }				0.6 mg/kg	1.353	0.812 mg/kg	0.0000812 %			
	080-010-00-X	231-299-8	7487-94-7								
8	nickel { nickel sulfate }				42 mg/kg	2.637	110.741 mg/kg	0.0111 %			
	028-009-00-5	232-104-9	7786-81-4								
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %			<LOD
	028-031-00-5	239-125-2	15060-62-5								
10	zinc { zinc sulphate }				190 mg/kg	2.469	469.166 mg/kg	0.0469 %			
	030-006-00-9	231-793-3 [1]	7446-19-7 [1]								
		231-793-3 [2]	7733-02-0 [2]								
11	TPH (C6 to C40) petroleum group				41 mg/kg		41 mg/kg	0.0041 %			
			TPH								
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	601-023-00-4	202-849-4	100-41-4								

#	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							
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
17	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %		<LOD
18	pH		PH		9.3 pH		9.3 pH	9.3 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene	201-581-5	85-01-8		0.7 mg/kg		0.7 mg/kg	0.00007 %		
24	anthracene	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene	205-912-4	206-44-0		2 mg/kg		2 mg/kg	0.0002 %		
26	pyrene	204-927-3	129-00-0		1.9 mg/kg		1.9 mg/kg	0.00019 %		
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		1.3 mg/kg		1.3 mg/kg	0.00013 %		
28	chrysene 601-048-00-0	205-923-4	218-01-9		1.3 mg/kg		1.3 mg/kg	0.00013 %		
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		1.4 mg/kg		1.4 mg/kg	0.00014 %		
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.96 mg/kg		0.96 mg/kg	0.000096 %		
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		1.6 mg/kg		1.6 mg/kg	0.00016 %		
32	indeno[123-cd]pyrene	205-893-2	193-39-5		0.88 mg/kg		0.88 mg/kg	0.000088 %		
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		0.24 mg/kg		0.24 mg/kg	0.000024 %		
34	benzo[ghi]perylene	205-883-8	191-24-2		0.96 mg/kg		0.96 mg/kg	0.000096 %		
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
Total:								0.109 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0041%)

Classification of sample: MHP17[2]

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

Sample details

Sample name:	LoW Code:
MHP17[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.2 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23%	
(no correction)	

Hazard properties

None identified

Determinands

Moisture content: 23% 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	arsenic { arsenic trioxide }				16 mg/kg	1.32	21.125 mg/kg	0.00211 %		
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				<0.2 mg/kg	1.462	<0.292 mg/kg	<0.0000292 %		<LOD
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<4 mg/kg	2.27	<9.08 mg/kg	<0.000908 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				48 mg/kg	1.126	54.043 mg/kg	0.0054 %		
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	240 mg/kg		240 mg/kg	0.024 %		
	082-001-00-6									
7	mercury { mercury dichloride }				0.5 mg/kg	1.353	0.677 mg/kg	0.0000677 %		
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { nickel sulfate }				26 mg/kg	2.637	68.554 mg/kg	0.00686 %		
	028-009-00-5	232-104-9	7786-81-4							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate }				95 mg/kg	2.469	234.583 mg/kg	0.0235 %		
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				69 mg/kg		69 mg/kg	0.0069 %		
			TPH							
12	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
13	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
14	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
15	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							

#	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								
16	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
17	cyanides {  salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex } 006-007-00-5				<1 mg/kg	1.884	<1.884 mg/kg	<0.000188 %			<LOD
18	 pH PH				7.3 pH		7.3 pH	7.3 pH			
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
20	 acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
21	 acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
22	 fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
23	 phenanthrene 201-581-5	85-01-8			0.42 mg/kg		0.42 mg/kg	0.000042 %			
24	 anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
25	 fluoranthene 205-912-4	206-44-0			1.1 mg/kg		1.1 mg/kg	0.00011 %			
26	 pyrene 204-927-3	129-00-0			0.98 mg/kg		0.98 mg/kg	0.000098 %			
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		0.52 mg/kg		0.52 mg/kg	0.000052 %			
28	chrysene 601-048-00-0	205-923-4	218-01-9		0.65 mg/kg		0.65 mg/kg	0.000065 %			
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		0.48 mg/kg		0.48 mg/kg	0.000048 %			
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		0.43 mg/kg		0.43 mg/kg	0.000043 %			
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		0.58 mg/kg		0.58 mg/kg	0.000058 %			
32	 indeno[123-cd]pyrene 205-893-2	193-39-5			0.2 mg/kg		0.2 mg/kg	0.00002 %			
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
34	 benzo[ghi]perylene 205-883-8	191-24-2			0.36 mg/kg		0.36 mg/kg	0.000036 %			
35	phenol 604-001-00-2	203-632-7	108-95-2		<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
Total:									0.0709 %		

Key

- User 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 no free phase or liquid petroleum. TPH as heavy end aromatic, unlikely to be flammable in soil mixtures at these concenyrations

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0069%)

Appendix A: Classifier defined and non GB MCL determinands

■ chromium(III) oxide (worst case) (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from C&L Inventory Database

Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H332, Acute Tox. 4; H302, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Resp. Sens. 1; H334, Skin Sens. 1; H317, Repr. 1B; H360FD, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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

GB MCL index number: 082-001-00-6

Description/Comments: Worst Case: IARC considers lead compounds Group 2A; Probably carcinogenic to humans; Lead REACH Consortium, following MCL protocols, considers lead compounds from smelting industries, flue dust and similar to be Carcinogenic category 1A

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

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 1A; H350 hazard statement sourced from: IARC Group 2A (Sup 7, 87) 2006; Lead REACH Consortium www.reach-lead.eu/substanceinformation.html (worst case lead compounds). Review date 29/09/2015

■ TPH (C6 to C40) petroleum group (CAS Number: TPH)

Description/Comments: Hazard statements taken from WM3 1st Edition 2015; Risk phrases: WM2 3rd Edition 2013

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: Flam. Liq. 3; H226, Asp. Tox. 1; H304, STOT RE 2; H373, Muta. 1B; H340, Carc. 1B; H350, Repr. 2; H361d, Aquatic Chronic 2; H411

■ confirm TPH has NOT arisen from diesel or petrol

Description/Comments: Chapter 3, section 4b requires a positive confirmation for benzo[a]pyrene to be used as a marker in evaluating Carc. 1B; H350 (HP 7) and Muta. 1B; H340 (HP 11)

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

■ 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

■ 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

■ pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

■ acenaphthylene (EC Number: 205-917-1, CAS Number: 208-96-8)

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: Acute Tox. 4; H302, Acute Tox. 1; H330, Acute Tox. 1; H310, Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315

■ acenaphthene (EC Number: 201-469-6, CAS Number: 83-32-9)

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

Hazard Statements: Eye Irrit. 2; H319, STOT SE 3; H335, Skin Irrit. 2; H315, Aquatic Acute 1; H400, Aquatic Chronic 1; H410, Aquatic Chronic 2; H411

▪ **fluorene** (EC Number: 201-695-5, CAS Number: 86-73-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **phenanthrene** (EC Number: 201-581-5, CAS Number: 85-01-8)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 2; H351 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410 , Skin Irrit. 2; H315

▪ **anthracene** (EC Number: 204-371-1, CAS Number: 120-12-7)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 17 Jul 2015
Hazard Statements: Eye Irrit. 2; H319 , STOT SE 3; H335 , Skin Irrit. 2; H315 , Skin Sens. 1; H317 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **fluoranthene** (EC Number: 205-912-4, CAS Number: 206-44-0)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Acute Tox. 4; H302 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **pyrene** (EC Number: 204-927-3, CAS Number: 129-00-0)

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 2014
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 21 Aug 2015
Hazard Statements: Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **indeno[123-cd]pyrene** (EC Number: 205-893-2, CAS Number: 193-39-5)

Description/Comments: Data from C&L Inventory Database
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 06 Aug 2015
Hazard Statements: Carc. 2; H351

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

Description/Comments: Data from C&L Inventory Database; SDS Sigma Aldrich 28/02/2015
Data source: <http://echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database>
Data source date: 23 Jul 2015
Hazard Statements: Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

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

Description/Comments: Combines the hazard statements and risk phrases for 1,1-dichloroethane and 1,2-dichloroethane
Data source: N/a
Data source date: 14 Oct 2016
Hazard Statements: Flam. Liq. 2; H225 , Acute Tox. 4; H302 , Skin Irrit. 2; H315 , Eye Irrit. 2; H319 , STOT SE 3; H335 , Carc. 1B; H350 , Aquatic Chronic 3; H412

▪ **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

arsenic {arsenic trioxide}

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

cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. (edit as

required) Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history (edit as required)

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

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

chromium in chromium(VI) compounds {chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex}

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

copper {dicopper oxide; copper (I) oxide}

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

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

no chromate detected

mercury {mercury dichloride}

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

nickel {nickel sulfate}

no chromate or cyanide detected

selenium {nickel selenate}

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

zinc {zinc sulphate}

no chromate detected

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

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

Appendix C: Version

HazWasteOnline Classification Engine: WM3 1st Edition v1.2.GB - Oct 2021
HazWasteOnline Classification Engine Version: 2022.103.5089.9622 (13 Apr 2022)
HazWasteOnline Database: 2022.103.5089.9622 (13 Apr 2022)

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

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APPENDIX 2 ▪ Zoning Logs and Data

IDOM						TRIAL PIT LOG		TrialPit No MHP101 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 06/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.60		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.05			Grass covered, dark brown, silty, slightly sandy clay TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets and rare flint.		
	0.55	ES		0.50 0.60			MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly, clay. Gravel is fine to coarse, angular to rounded of flint, brick, concrete, chalk and clinker.		
							MADE GROUND comprising light brown, slightly mottled orange, slightly silty, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint and brick.		
							End of Pit at 0.600m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP102 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 06/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.65		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.05	ES		0.05			Grass covered, dark brown, silty, slightly sandy clay TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, rare metal wiring and rare flint. MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly clay. Gravel is fine to coarse, angular to rounded of flint, brick, roots, concrete, chalk and clinker. MADE GROUND comprising light brown, slightly mottled orange, slightly silty, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint and brick. End of Pit at 0.650m		
	0.40	ES		0.46					
				0.65					
								1 2 3 4 5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDom						TRIAL PIT LOG		TrialPit No MHP103 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 06/03/2023	
Location: St.Anns Road, London						Dimensions (m): Depth 0.60		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.05	ES		0.10			Dark brown, silty, sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of leaves, rootlets, flint and rare brick. MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly, slightly cobbly clay. Gravel is fine to coarse, angular to rounded of flint, brick, roots, concrete, glass and clinker. Cobbles are fine, sub-angular of flint. MADE GROUND comprising dark brown, clayey, slightly silty, slightly gravelly sand. Gravel is fine to coarse, angular to rounded of flint, brick, roots, concrete, glass and clinker. Cobbles are fine, sub-angular of flint. End of Pit at 0.600m		
	0.50	ES		0.45					
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM						TRIAL PIT LOG		TrialPit No MHP105 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 06/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.75		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.70	ES		0.15			Grass covered, dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, rootlets and flint. MADE GROUND comprising dark brown, clayey, slightly gravelly silt. Gravel is fine to coarse, angular to sub-rounded of brick, sandstone, porcelain tile, flint, chalk, glass and concrete. MADE GROUND comprising reddish dark brown, slightly clayey, sandy gravel. Gravel is fine to medium, angular to rounded of brick, flint, glass and clinker.		
				0.40					
				0.75					
				End of Pit at 0.750m					
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP106 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 06/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.10			Grass topped, clayey, slightly sandy, slightly gravelly silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, flint and brick. MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, brick and concrete. MADE GROUND comprising light brown, slightly sandy gravelly clay. Gravel is fine to medium, angular to rounded of flint, brick, chalk, concrete, leaves and rare rootlets. End of Pit at 0.650m	
	0.30	ES		0.35				
	0.40	ES						
				0.65				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP107 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 06/03/2023	
Location: St.Ann's Road, London					Dimensions (m): Depth 0.65		Scale 1:25 Logged Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.05			Grass covered, dark brown, slightly clayey, sandy, slightly gravelly silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, brick and flint. MADE GROUND comprising dark brown, partially black, slightly clayey, sandy gravelly silt. Gravel is fine to coarse, angular to rounded of brick, flint, concrete, coal, slate, wood, porcelain and clinker. MADE GROUND comprising light brown, gravelly, slightly cobbly clay. Gravel is fine to coarse, angular to sub-rounded of brick, chalk, clinker and flint. Cobbles are fine, angular to sub-rounded of brick. End of Pit at 0.650m	
	0.20	ES						
	0.40	ES		0.37				
				0.65				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

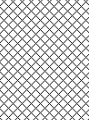
IDOM						TRIAL PIT LOG		TrialPit No MHP108 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: -		Date 06/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.64		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES					MADE GROUND comprising dark brown, very clayey, slightly sandy, slightly gravelly silt. Gravel is fine to medium, angular to sub-rounded of brick, flint, concrete and bark.		
	0.60	ES					MADE GROUND comprising dark brown, very silty, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint and chalk.		
							End of Pit at 0.640m		
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

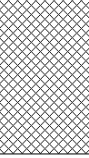
IDOM					TRIAL PIT LOG		TrialPit No MHP109 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.09			Grass covered, dark brown, slightly clayey, sandy, slightly gravelly silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, brick and flint.	
				0.32			MADE GROUND comprising dark brown, silty, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk and rootlets.	
	0.40	ES		0.65			MADE GROUND comprising brown, slightly silty, slightly sandy, gravelly, slightly cobbly clay. Gravel is fine to coarse, angular to sub-rounded of brick, roots, flint, concrete, clinker and chalk. Cobbles are fine, sub-rounded of brick.	
							End of Pit at 0.650m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP110 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.56		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.08			Grass covered, sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of chalk and brick.		
	0.40	ES		0.50			MADE GROUND comprising dark brown, silty, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, concrete, chalk, glass, flint, roots and porcelain.		
				0.56			MADE GROUND recovered as greyish pink, sandy gravel. Gravel is fine to medium, sub-angular to sub-rounded of concrete.		
							End of Pit at 0.560m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

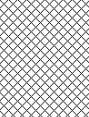
IDOM						TRIAL PIT LOG		TrialPit No MHP111 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.72		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.06			0.06			Grass covered, sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of chalk and brick. MADE GROUND comprising dark brown, very silty, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, chalk, concrete and glass. MADE GROUND comprising dark brown, slightly silty, sandy, gravelly, slightly cobbly clay. Gravel is fine to medium, angular to sub-rounded of flint, concrete, brick and chalk. Cobbles are fine to medium, sub-angular to sub-rounded of brick and concrete. End of Pit at 0.720m		
	0.30	ES							
	0.51								
	0.60	ES							
				0.72					
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

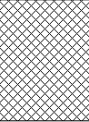
IDOM						TRIAL PIT LOG		TrialPit No MHP112 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.56		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.18			MADE GROUND comprising dark brown, slightly clayey, sandy, slightly gravelly silt. Gravel is fine to medium, angular to sub-rounded of brick, flint, concrete, chalk and rootlets.		
	0.50	ES		0.56			MADE GROUND comprising dark brown, silty, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, concrete, slate, glass, flint and rare clay pipe.		
							End of Pit at 0.560m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP113 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.63		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.05	ES		0.10			Grass covered, brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and concrete.	
	0.40	ES					MADE GROUND comprising dark brown, silty, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, concrete, roots, chalk, porcelain, coal and clinker.	
				0.63			End of Pit at 0.630m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP114 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.66		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.14			Grass covered, dark brown, slightly clayey, sandy, slightly gravelly silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, brick and flint.		
	0.50	ES		0.66			MADE GROUND comprising dark brown, silty, sandy, gravelly, slightly cobbly clay. Gravel is fine to coarse, angular to rounded of brick, flint, concrete, chalk, coal and clinker. Cobbles are fine to medium, sub-angular to sub-rounded of concrete.		
	End of Pit at 0.660m								
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP115 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Anns Road, London						Dimensions (m): Depth 0.62		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.05	ES		0.06			Grass covered, dark brown, very clayey, sandy, slightly gravelly silt TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, concrete, flint and coal. MADE GROUND comprising brown, very silty, sandy, gravelly, slightly cobbly clay. Gravel is fine to coarse, sub-angular to sub-rounded of concrete, brick, slate, flint and roots. Cobbles are fine, sub-angular of concrete. MADE GROUND comprising brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of concrete, brick, flint and slate. End of Pit at 0.620m		
	0.30	ES		0.48					
				0.62					
						1			
						2			
						3			
						4			
						5			
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM					TRIAL PIT LOG		TrialPit No MHP116 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES					Light vegetation cover over MADE GROUND comprising brown, silty, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, rare brick and rare rootlets.	
	0.50	ES		0.40			MADE GROUND comprising light brown, clayey, slightly silty, gravelly sand. Gravel is fine to medium, angular to sub-rounded of concrete, flint, brick, clinker and glass.	
				0.61			End of Pit at 0.610m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM						TRIAL PIT LOG		TrialPit No MHP117 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 07/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.21			Light vegetation cover over MADE GROUND comprising dark brown, slightly clayey, sandy, slightly gravelly silt. Gravel is fine to medium, angular to sub-rounded of flint, brick, chalk, concrete and rare rootlets.		
	0.50	ES		0.61			MADE GROUND comprising brown, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, concrete, coal, chalk, rare porcelain and rare slate.		
							End of Pit at 0.610m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM					TRIAL PIT LOG		TrialPit No MHP119 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.62		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.05			MADE GROUND comprising brown, medium, sub-angular to sub-rounded flint gravel underlain by a plastic, black geotextile membrane.	
	0.30	ES		0.37			MADE GROUND comprising greyish brown, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, brick and rare glass.	
	0.50	ES		0.62			MADE GROUND comprising yellowish light brown, slightly clayey, gravelly sand. Gravel is fine to coarse, angular to sub-rounded of flint, concrete, brick, rare wood and rare metal.	
								End of Pit at 0.620m
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM						TRIAL PIT LOG		TrialPit No MHP120 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level: 1.20		Date 08/03/2023	
Location: St.Anns Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.63		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.05	1.15		Grass covered, dark brown, clayey, slightly sandy silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets and rare flint. MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly, slightly cobbly clay. Gravel is fine to coarse, angular to rounded of brick, concrete, chalk, porcelain, slate and clinker. Cobbles are fine, sub-angular of brick. MADE GROUND comprising light brown, gravelly clay. Gravel is fine to coarse, sub-angular to sub-rounded of brick, concrete, flint, rare wood and rare chalk. End of Pit at 0.630m		
	0.55	ES		0.49	0.71				
				0.63	0.57				
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM					TRIAL PIT LOG		TrialPit No MHP121 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.60		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.04			Grass covered, dark brown, clayey, slightly sandy silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, brick and rare flint.	
				0.35			MADE GROUND comprising dark brown, silty clay.	
	0.55	ES		0.60			MADE GROUND comprising stiff, light brown slightly mottled orange, slightly gravelly clay. Gravel is fine to medium, sub-angular to sub-rounded of flint and concrete.	
							End of Pit at 0.600m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP123 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.52		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.03			Grass covered, dark brown, clayey, slightly sandy silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets and rare flint. MADE GROUND comprising greyish brown, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, brick, concrete, roots, chalk, rare slate, rare wood, rare glass and rare potentially asbestos containing cement sheeting. MADE GROUND comprising greyish brown, gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, brick, concrete, roots, chalk and rare glass. Refusal on tree root. End of Pit at 0.520m	
	0.15	ES		0.27				
	0.50	ES		0.52				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. 1) Digging refusal on tree root.	

IDOM					TRIAL PIT LOG		TrialPit No MHP124 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.67		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.06			Grass covered, dark brown, clayey, slightly sandy silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets and rare flint.	
	0.45	ES		0.48			MADE GROUND comprising brown, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, concrete, coal, chalk, wood, rare porcelain and rare glass.	
				0.67			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.670m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

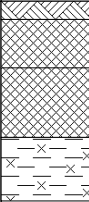
IDOM					TRIAL PIT LOG		TrialPit No MHP125 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.62		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.09			Grass covered, dark brown, clayey, slightly sandy silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, brick and rare flint.	
				0.43			MADE GROUND comprising brown, sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, concrete, chalk, wood and rare glass.	
	0.50	ES					Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
				0.62			End of Pit at 0.620m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

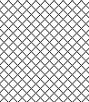
IDOM					TRIAL PIT LOG		TrialPit No MHP126 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m): Depth 0.64		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.04			Grass covered, dark brown and black, clayey, silty sand TOPSOIL.	
							MADE GROUND comprising black, slightly silty, sandy gravel. Gravel is fine to medium, angular to sub-rounded of coal, clinker, flint, concrete and brick.	
	0.50	ES		0.44			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
				0.64			End of Pit at 0.640m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP127 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 08/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.05	ES		0.12			Grass covered, brown, slightly sandy TOPSOIL with frequent rootlets.	
	0.30	ES					MADE GROUND comprising brown, slightly silty, slightly sandy, slightly gravelly clay. Gravel is fine to medium, sub-angular to sub-rounded of chalk, flint and brick.	
				0.47			Slow water ingress.	
				0.61			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.610m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP128 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.13			Grass covered, brown, slightly sandy, slightly gravelly TOPSOIL. Gravel is fine to medium, angular to sub-rounded of flint, brick and rootlets.	
	0.40	ES		0.43			MADE GROUND comprising brown, silty, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, chalk, flint and wood.	
				0.65			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.650m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP129 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Anns Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.11			Grass covered, dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of flint, roots and rootlets.	
				0.45			MADE GROUND comprising sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, chalk, flint and roots.	
				0.61			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
						End of Pit at 0.610m		
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP130 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.66		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m) 0.06 0.22 0.45 0.66	Level (m)	Legend 	Stratum Description Grass covered, dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of flint, roots and rootlets. MADE GROUND comprising black, slightly silty, sandy gravel. Gravel is fine to medium, angular to sub-rounded of coal, clinker, flint, concrete and brick. MADE GROUND comprising brown, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk, coal and rare wood. Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.660m	
	Depth	Type	Results					
	0.15	ES						
	0.30	ES						
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)					Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP131 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.62		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.14			Grass covered, dark brown, slightly silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, chalk, flint and rootlets.	
							MADE GROUND comprising dark brown, silty, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, concrete, flint, chalk and roots.	
	0.50	ES		0.51 0.62			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.620m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP132 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.09			Grass covered, dark brown, slightly silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
				0.44			MADE GROUND comprising dark brown, silty, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, chalk, flint and rare wood.	
				0.61			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
						End of Pit at 0.610m		
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP133 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.62		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.13		  	Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
	0.20	ES		MADE GROUND comprising dark brown, silty, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk, coal and rare glass.				
				0.49			Stiff, brown slightly mottled orange silty CLAY.	
				0.62			[WEATHERED LONDON CLAY FORMATION] End of Pit at 0.620m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP134 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.40	ES		0.14			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
				0.44			MADE GROUND comprising dark brown, silty, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk and coal.	
				0.61			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.610m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP135 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.60		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.15			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
	0.30	ES					MADE GROUND comprising dark brown, slightly silty, sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, roots, concrete and chalk.	
							Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.600m	
				0.53 0.60				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP136 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 09/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.08			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk and rootlets. MADE GROUND comprising dark brown, slightly silty, sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, roots, concrete, chalk, wood and rare porcelain. Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.650m	
	0.40	ES		0.47				
				0.65				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP137 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 09/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.61		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	ES		0.13			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk and rootlets. MADE GROUND comprising dark brown, slightly silty, sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, roots, concrete and rare slate. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.610m		
				0.35					
				0.61					
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP138 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.69		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.14			Grass covered, brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint, chalk and rootlets.	
	0.30	ES		0.36			MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly clay. Gravel is fine to coarse, angular to rounded of flint, brick, concrete and chalk.	
				0.69			Stiff, brown slightly mottled orange silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.690m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP139 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.63		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	ES		0.18			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of flint and rootlets.		
	0.50	ES		0.63			MADE GROUND comprising yellow and brown, slightly sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, concrete, clinker and rare glass.		
							End of Pit at 0.630m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP140 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.62		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.05			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick and rootlets.	
	0.35	ES		0.39			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, porcelain, coal and slate.	
				0.62			Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.620m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP141 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.63		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.14			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick and rootlets.	
				0.41			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, coal and slate.	
	0.50	ES					Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
				0.63			End of Pit at 0.630m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

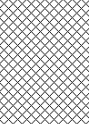
IDOM					TRIAL PIT LOG		TrialPit No MHP142 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 10/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.63		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.10			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
				0.56 0.63			MADE GROUND comprising black, slightly silty, sandy gravel. Gravel is fine to medium, angular to sub-rounded of coal, clinker, flint, concrete and brick.	
							Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.630m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM						TRIAL PIT LOG		TrialPit No MHP143 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.67		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.07			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.		
	0.50	ES		0.59			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, brick and coal.		
				0.67			Stiff, brown slightly mottled orange, silty CLAY.		
							[WEATHERED LONDON CLAY FORMATION]		
							End of Pit at 0.670m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

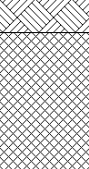
IDOM					TRIAL PIT LOG		TrialPit No MHP144 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.63		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.04			Dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
	0.30	ES					MADE GROUND comprising brown, sandy, gravelly clay. Gravel is fine to coarse, angular to rounded of brick, concrete, flint, chalk, coal, clinker, wood and rare porcelain.	
	0.50	ES		0.45			MADE GROUND comprising yellow, clayey, sandy gravel. Gravel is fine to medium, angular to sub-rounded of brick, concrete, coal and flint.	
					0.63		End of Pit at 0.630m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

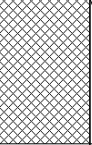
IDOM						TRIAL PIT LOG		TrialPit No MHP145 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 10/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.67		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.06			Dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, wood and rootlets. MADE GROUND comprising dark brown and black, clayey, sandy, gravelly silt. Gravel is fine to medium, angular to sub-rounded of coal, flint, brick, concrete, wood and rare glass. MADE GROUND comprising dark brown and black, silty, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of coal, flint, brick, concrete, wood and rare glass. MADE GROUND comprising stiff, brown, slightly mottled orange, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick and coal. End of Pit at 0.670m		
				0.39					
				0.53					
		0.60	ES		0.67				
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM					TRIAL PIT LOG		TrialPit No MHP146 Sheet 1 of 1		
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023		
Location: St.Ann's Road, London					Dimensions (m): Depth 0.61		Scale 1:25 Logged JB Checked		
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.20	ES					Grass covered, brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.		
							MADE GROUND comprising greyish, dark brown, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, coal, wood and flint.		
Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION]									
			0.61			End of Pit at 0.610m			
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)					Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP147 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m): Depth 0.63		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.							Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES		0.07			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
				0.63			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, rootlets, wood and concrete.	
End of Pit at 0.630m								
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP148 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.16			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of chalk, flint and rootlets. MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, rootlets, wood and concrete. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.650m	
				0.47				
				0.65				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP149 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m): Depth 0.67		Scale 1:25 Logged Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.40	ES		0.11			Grass covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of chalk, flint and rootlets.	
				0.57 0.67			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, flint, rootlets, wood and concrete. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.670m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP150 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m): Depth 0.61		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.50	ES		0.13			Light vegetation covered, dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of chalk, flint and rootlets.	
				0.61			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-angular of brick, concrete, flint, roots and rare coal.	
							End of Pit at 0.610m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP151 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.05		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
				0.04 0.05			Grass covered covered, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine, sub-rounded of rootlets. Grey CONCRETE slab. End of Pit at 0.050m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions. 1) Digging refusal on concrete slab.		

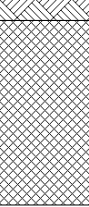
IDOM						TRIAL PIT LOG		TrialPit No MHP152 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.61		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
				0.09			Dark brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of chalk, flint, brick and rootlets. MADE GROUND comprising dark brown, slightly sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of roots, flint, wood and brick. MADE GROUND comprising greyish light brown, slightly clayey, sandy gravel. Gravel is fine to medium, angular to sub-rounded of concrete, coal, brick, flint and rare plastic. MADE GROUND comprising black, sandy gravel. Gravel is fine to medium, angular to sub-rounded of coal, brick, concrete and flint. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.610m		
	0.30	ES		0.26					
	0.40	ES		0.34					
				0.53					
				0.61					
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM						TRIAL PIT LOG		TrialPit No MHP153 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: -		Date 15/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.62		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.40	ES		0.08			Grass covered, brown, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of flint and rootlets. MADE GROUND comprising brown, slightly sandy, gravelly clay. Gravel is fine to medium, sub-angular to sub-rounded of flint, brick, concrete, roots and rare porcelain. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.620m		
				0.53					
				0.62					
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP154 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.63		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.60	ES		0.09		  	Grass covered, brown, clayey, slightly gravelly silt TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick and rootlets.	
				0.42			MADE GROUND comprising dark brown, slightly sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, concrete, coal, shale and wood.	
				0.63			MADE GROUND comprising brown slightly mottled orange, silty, slightly gravelly clay. Gravel is fine, angular to sub-rounded of shale and brick.	
							End of Pit at 0.630m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP155 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.40	ES		0.11			Grass covered, dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
				0.53			MADE GROUND comprising dark brown, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, brick, coal, concrete, rare glass and rare polystyrene.	
				0.61			Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.610m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP156 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 15/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.66		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.05	ES		0.08		   	Grass covered, brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets.	
	0.20	ES		MADE GROUND comprising dark brown, silty, sandy, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of concrete, flint, brick, coal, rare glass and rare plastic.				
				Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION]				
				End of Pit at 0.660m				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP157 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.68		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.40	ES		0.07			Grass covered, dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of flint and rootlets.	
				0.68			MADE GROUND comprising dark brown, slightly sandy, gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, concrete, chalk and coal.	
							End of Pit at 0.680m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM						TRIAL PIT LOG		TrialPit No MHP158 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.63		Scale 1:25 Logged JB Checked	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.									
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.30	ES		0.11			Grass covered, very dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint and rootlets. MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of flint, brick, concrete, rare metal and rare glass. MADE GROUND comprising brown, slightly silty, very sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of flint, brick, concrete and rare glass. End of Pit at 0.630m		
				0.47					
				0.63					
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM						TRIAL PIT LOG		TrialPit No MHP159 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London						Dimensions (m): Depth 0.65		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.								Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.30	ES		0.15 0.23 0.39		  	MADE GROUND comprising very dark brown, slightly clayey, gravelly silt. Gravel is fine to medium, sub-angular to sub-rounded of rootlets, brick and flint. MADE GROUND comprising brown, slightly mottled orange, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of flint, coal and brick. MADE GROUND comprising dark brown, silty, sandy, slightly gravelly clay. Gravel is fine to coarse, sub-angular to sub-rounded of concrete, brick, chalk, flint and coal. MADE GROUND comprising brown, clayey, slightly sandy, slightly gravelly silt. Gravel is fine to medium, sub-angular to sub-rounded of brick, coal and flint. End of Pit at 0.650m		
	0.60	ES		0.65					
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

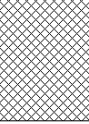
IDOM						TRIAL PIT LOG		TrialPit No MHP160 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.63		Logged JB Checked	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.05	ES		0.09			MADE GROUND comprising brown, slightly silty, very sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of flint, brick, concrete and rare glass. MADE GROUND comprising dark brown, silty, sandy, slightly gravelly clay. Gravel is fine to coarse, sub-angular to sub-rounded of concrete, brick, chalk, flint and coal. MADE GROUND comprising brown, slightly mottled orange, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of coal and brick. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.630m		
	0.40	ES		0.36					
				0.59					
				0.63					
								1	
								2	
								3	
								4	
								5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.			

IDOM					TRIAL PIT LOG		TrialPit No MHP161 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 16/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.11			MADE GROUND comprising dark brown, very silty, sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, rootlets, bark, flint and asbestos cement board.	
	0.30	ES		0.65			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to medium, sub-angular to sub-rounded of brick, chalk, flint, concrete and coal.	
							End of Pit at 0.650m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM					TRIAL PIT LOG		TrialPit No MHP162 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.07			Grass covered, very dark brown, silty, slightly gravelly clay TOPSOIL. Gravel is fine to medium, angular to sub-rounded of brick, flint, concrete and rootlets.	
				0.43			MADE GROUND comprising dark brown, sandy, very gravelly clay. Gravel is fine to coarse, sub-angular to sub-rounded of flint, concrete, brick, coal and rare chalk.	
				0.61			MADE GROUND comprising brown, slightly mottled orange, silty, slightly gravelly CLAY. Gravel is fine to medium, angular to sub-rounded of flint, coal and brick.	
							End of Pit at 0.610m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP164 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 16/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.63		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.09			Grass covered, dark brown, clayey, slightly gravelly, silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of flint and rootlets.	
				0.39			MADE GROUND comprising dark brown, slightly sandy, slightly gravelly clay. Gravel is fine to coarse, angular to sub-rounded of brick, flint, coal, roots and rare concrete.	
				0.52			MADE GROUND comprising brown, slightly mottled orange, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of coal and brick.	
				0.63			Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION]	
							End of Pit at 0.630m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

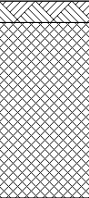
IDOM					TRIAL PIT LOG		TrialPit No MHP165 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.30	ES		0.11			Grass covered, dark brown, clayey, slightly gravelly, silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of rootlets.	
				0.57			MADE GROUND comprising dark brown, slightly silty, slightly gravelly clay. Gravel is fine to coarse, sub-angular to sub-rounded of brick, flint, concrete, rare coal and rare porcelain.	
				0.65			<i>Slow water ingress.</i> MADE GROUND comprising brown, slightly mottled orange, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick. End of Pit at 0.650m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

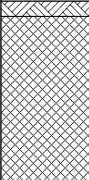
IDOM					TRIAL PIT LOG		TrialPit No MHP166 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 16/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.61		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.10	ES		0.16			Grass covered, dark brown, clayey, slightly gravelly, silt TOPSOIL. Gravel is fine to medium, sub-angular to sub-rounded of flint and rootlets.	
	0.50	ES		0.61			MADE GROUND comprising dark brown, slightly silty, slightly sandy, slightly gravelly clay. Gravel is fine to medium, sub-angular to sub-rounded of brick, flint and rootlets.	
	End of Pit at 0.610m							
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM						TRIAL PIT LOG		TrialPit No MHP168 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: -		Date 17/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.61		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.15	ES		0.09			Grass covered, dark brown, slightly silty, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine, sub-angular to sub-rounded of rootlets and brick. MADE GROUND comprising dark brown, slightly sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, concrete, flint, coal and rare glass.		
				0.53 0.61					
							Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.610m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP169 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: -		Date 17/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.62		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.15	ES		0.11			Grass covered, dark brown, slightly silty, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine, sub-angular to sub-rounded of rootlets and flint. MADE GROUND comprising brown, slightly sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, concrete, flint and coal. Stiff, brown slightly mottled orange, silty CLAY. [WEATHERED LONDON CLAY FORMATION] End of Pit at 0.620m	
				0.51				
				0.62				
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

IDOM						TRIAL PIT LOG		TrialPit No MHP170 Sheet 1 of 1	
Project Name: St.Ann's				Project No. 21914J		Co-ords: - Level:		Date 17/03/2023	
Location: St.Ann's Road, London						Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.						Depth 0.63		Logged JB	Checked
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description		
	Depth	Type	Results						
	0.10	ES		0.13			Grass covered, dark brown, slightly silty, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine, sub-angular to sub-rounded of rootlets, brick and flint.		
	0.20	ES							
				0.57			MADE GROUND comprising brown, slightly mottled orange, silty, slightly gravelly clay. Gravel is fine to medium, angular to sub-rounded of coal, brick and rare porcelain.		
				0.63					
							End of Pit at 0.630m		
							1		
							2		
							3		
							4		
							5		
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP172 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 17/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.65		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.40	ES		0.07			Grass covered, dark brown, silty, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine, sub-angular to sub-rounded of rootlets, brick and flint. MADE GROUND comprising dark brown, silty, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, concrete, flint, chalk and roots.	
				0.65			End of Pit at 0.650m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability		Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.		

IDOM					TRIAL PIT LOG		TrialPit No MHP173 Sheet 1 of 1	
Project Name: St.Ann's			Project No. 21914J		Co-ords: - Level:		Date 17/03/2023	
Location: St.Ann's Road, London					Dimensions (m):		Scale 1:25	
Equipment: Hand tools - split spoon, spade, hand auger and breaking bar.					Depth 0.60		Logged JB	
Water Strike	Samples & In Situ Testing			Depth (m)	Level (m)	Legend	Stratum Description	
	Depth	Type	Results					
	0.20	ES		0.05			Grass covered, dark brown, silty, slightly sandy, slightly gravelly clay TOPSOIL. Gravel is fine, sub-angular to sub-rounded of rootlets, brick and flint. MADE GROUND comprising dark brown, silty, sandy, gravelly clay. Gravel is fine to medium, angular to sub-rounded of brick, concrete, flint, chalk and roots.	
				0.60			End of Pit at 0.600m	
							1	
							2	
							3	
							4	
							5	
D = small disturbed sample (tub) J = organic sample (amber glass jar) V = volatile sample (amber glass vial) B = bulk bag sample HSV = hand shear vane (kPa) PP = pocket penetrometer (kg.cm2) PID = photoionisation detector (ppm)				Stability			Remarks Coordinates and levels, where indicated, must not be used for design purposes. The user is responsible for verifying all site and setting out dimensions.	

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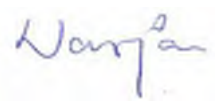
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Analytical Report Number : 23-24284-2

Replaces Analytical Report Number: 23-24284, issue no. 1
Additional analysis undertaken.
Asbestos quantification added as per client's request

Project / Site name:	St Ann`s Hospital	Samples received on:	20/03/2023
Your job number:	21914J	Samples instructed on/ Analysis started on:	22/03/2023
Your order number:	22-2-FDO-LABS	Analysis completed by:	05/04/2023
Report Issue Number:	2	Report issued on:	11/04/2023
Samples Analysed:	98 soil samples - 1 bulk sample		


Signed:

Dominika Warjan
Junior Reporting Specialist
For & on behalf of i2 Analytical Ltd.

Standard Geotechnical, Asbestos and Chemical Testing Laboratory located at: ul. Pionierów 39, 41-711 Ruda Śląska, Poland.

Accredited tests are defined within the report, opinions and interpretations expressed herein are outside the scope of accreditation.

Standard sample disposal times, unless otherwise agreed with the laboratory, are :

soils	- 4 weeks from reporting
leachates	- 2 weeks from reporting
waters	- 2 weeks from reporting
asbestos	- 6 months from reporting

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Any assessments of compliance with specifications are based on actual analytical results with no contribution from uncertainty of measurement.
Application of uncertainty of measurement would provide a range within which the true result lies.
An estimate of measurement uncertainty can be provided on request.

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625164	2625165	2625166	2625167	2625168
Sample Reference				MHP101	MHP101	MHP102	MHP103	MHP103
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.55	0.05	0.05	0.50
Date Sampled				06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	23	18	26	16	9.2
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	SPU	SPU	SPU

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	8.1	6.7	7	7.9
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.012	0.014	0.017	0.047	0.24
Organic Matter (automated)	%	0.1	MCERTS	4.9	1.3	5.5	11	1.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.8	0.7	3.2	6.3	1.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.06	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.2	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	0.94	0.35	0.45	0.67	0.3
Anthracene	mg/kg	0.05	MCERTS	0.29	0.09	0.08	0.15	0.05
Fluoranthene	mg/kg	0.05	MCERTS	3.3	0.64	1.3	1.5	0.59
Pyrene	mg/kg	0.05	MCERTS	3.1	0.63	1.2	1.4	0.55
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.8	0.31	0.57	0.72	0.3
Chrysene	mg/kg	0.05	MCERTS	2	0.38	0.7	0.77	0.32
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.7	0.48	0.84	1.1	0.44
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.93	0.17	0.32	0.38	0.17
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2	0.42	0.63	0.83	0.34
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.1	0.25	0.37	0.55	0.21
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.15	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.3	0.29	0.45	0.65	0.23

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	19.7	4.01	6.91	8.92	3.5
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number	2625164	2625165	2625166	2625167	2625168
Sample Reference	MHP101	MHP101	MHP102	MHP103	MHP103
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.10	0.55	0.05	0.05	0.50
Date Sampled	06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	19	19	17	19	16
Barium (aqua regia extractable)	mg/kg	1	MCERTS	190	240	170	160	130
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	36	42	36	28	25
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	37	42	37	30	25
Copper (aqua regia extractable)	mg/kg	1	MCERTS	74	32	35	59	40
Lead (aqua regia extractable)	mg/kg	1	MCERTS	180	63	120	260	250
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	33	42	31	27	20
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	74	80	74	58	51
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	72	120	250	73

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 EH_CU_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	17	< 10	< 10	13	< 10
TPH-CWG - Aromatic >EC35 - EC40 EH_CU_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	NONE	26	< 10	< 10	18	< 10
TPH Total C5 - C40 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	26	< 10	< 10	25	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625169	2625170	2625171	2625172	2625173
Sample Reference				MHP104	MHP105	MHP106	MHP106	MHP107
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.70	0.20	0.40	0.20
Date Sampled				06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	35	< 0.1	51	41
Moisture Content	%	0.01	NONE	17	12	16	13	10
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SPU	SPU	SPU	SPU	SPU

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	7.8	7.5	8.1	7.9
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.018	0.0094	0.0066	0.0066	0.013
Organic Matter (automated)	%	0.1	MCERTS	7.4	1.1	3.1	1.3	4.3
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	4.3	0.6	1.8	0.7	2.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.38	0.34	0.12	< 0.05	0.3
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.06	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	2.7	0.33	< 0.05	0.16
Fluorene	mg/kg	0.05	MCERTS	< 0.05	2.5	0.29	< 0.05	0.12
Phenanthrene	mg/kg	0.05	MCERTS	1	16	4.1	0.11	2.5
Anthracene	mg/kg	0.05	MCERTS	0.21	5.1	0.98	< 0.05	0.42
Fluoranthene	mg/kg	0.05	MCERTS	1.6	15	6.5	0.17	4.7
Pyrene	mg/kg	0.05	MCERTS	1.5	12	5.6	0.19	4.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.1	5	2.7	0.09	2.3
Chrysene	mg/kg	0.05	MCERTS	1	4.3	2.5	0.08	2.3
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.2	4.6	3.3	< 0.05	3.1
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.39	2	1.2	< 0.05	1.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.95	4.3	2.7	0.09	2.3
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.52	2.2	1.7	< 0.05	1.3
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.14	0.5	0.35	< 0.05	0.34
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.59	2.3	1.7	< 0.05	1.4

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	10.7	79.5	34.1	< 0.80	26.5
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625169	2625170	2625171	2625172	2625173
Sample Reference				MHP104	MHP105	MHP106	MHP106	MHP107
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.70	0.20	0.40	0.20
Date Sampled				06/03/2023	06/03/2023	06/03/2023	06/03/2023	06/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	64	36	20	9.5	56
Barium (aqua regia extractable)	mg/kg	1	MCERTS	510	140	220	74	250
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	29	31	31	17	15
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	30	31	31	17	16
Copper (aqua regia extractable)	mg/kg	1	MCERTS	500	44	57	25	100
Lead (aqua regia extractable)	mg/kg	1	MCERTS	1700	170	230	110	330
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.2	< 0.3	0.7	< 0.3	0.5
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	55	28	28	15	28
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	140	59	65	32	58
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	200	72	140	34	380

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	12	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	29	13	< 10	12
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	10	25	13	< 10	12
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	17	66	27	< 10	25
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	17	69	27	< 10	25

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625174	2625175	2625176	2625177	2625178
Sample Reference				MHP107	MHP108	MHP109	MHP109	MHP110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.10	0.15	0.40	0.10
Date Sampled				06/03/2023	06/03/2023	07/03/2023	07/03/2023	07/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	17	19	16	13	14
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	LFT	LFT	LFT	LFT	LFT

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.7	7.4	8.4	8.2
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0055	0.01	0.02	0.018	0.023
Organic Matter (automated)	%	0.1	MCERTS	1.7	5.5	5.4	2	4.3
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1	3.2	3.2	1.1	2.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.17	0.12	0.15	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.35	0.07	< 0.05	0.17
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.28	0.12	0.18	0.15
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.36	0.09	0.17	0.2
Phenanthrene	mg/kg	0.05	MCERTS	0.06	6.4	1.7	2.3	2.3
Anthracene	mg/kg	0.05	MCERTS	< 0.05	1	0.32	0.43	0.71
Fluoranthene	mg/kg	0.05	MCERTS	0.07	12	3.4	2.8	3.8
Pyrene	mg/kg	0.05	MCERTS	0.07	11	3.1	2.5	3.2
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	5.1	1.7	1.3	1.7
Chrysene	mg/kg	0.05	MCERTS	< 0.05	5.1	1.7	1.2	1.5
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	6.5	2.4	1.5	2
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	2.5	0.87	0.47	0.7
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	5.2	1.9	1.2	1.6
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	3.4	1.1	0.64	0.79
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.76	0.28	0.13	0.21
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	3.5	1.3	0.64	0.88

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	63.2	20.1	15.5	19.9
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625174	2625175	2625176	2625177	2625178
Sample Reference				MHP107	MHP108	MHP109	MHP109	MHP110
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.40	0.10	0.15	0.40	0.10
Date Sampled				06/03/2023	06/03/2023	07/03/2023	07/03/2023	07/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	17	38	30	15	17
Barium (aqua regia extractable)	mg/kg	1	MCERTS	140	200	210	110	380
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	15
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	34	27	28	23	72
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	34	27	28	23	73
Copper (aqua regia extractable)	mg/kg	1	MCERTS	37	86	64	34	400
Lead (aqua regia extractable)	mg/kg	1	MCERTS	92	880	420	260	350
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.7	1.6	0.9	0.8	2.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	25	23	18	44
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	73	61	66	48	44
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	71	160	130	65	850

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	54
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	60

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	2.3	< 2.0	3.6	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	22	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	30	13	13	14
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	< 10	54	20	25	20
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	< 10	54	20	28	90

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625179	2625180	2625181	2625182	2625183
Sample Reference				MHP111	MHP111	MHP112	MHP112	MHP113
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.60	0.10	0.50	0.40
Date Sampled				07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	19	18	16	14
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	Amosite	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	0.306	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	0.306	-
Asbestos Analyst ID	N/A	N/A	N/A	LFT	LFT	LFT	LFT	LFT

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	8.5	7.9	7.8	7.8
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.02	0.033	0.015	0.026	0.0097
Organic Matter (automated)	%	0.1	MCERTS	3	1.4	6.3	2.8	2.2
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.7	0.8	3.7	1.6	1.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	0.11
Acenaphthylene	mg/kg	0.05	MCERTS	0.1	0.14	0.17	0.22	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.09	0.13	0.11	0.12	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.08	0.12	0.13	0.16	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	1.2	1.6	1.5	1.9	0.63
Anthracene	mg/kg	0.05	MCERTS	0.34	0.45	0.47	0.56	0.12
Fluoranthene	mg/kg	0.05	MCERTS	2.5	3.4	3.1	4.1	1.3
Pyrene	mg/kg	0.05	MCERTS	2.3	3.1	2.7	3.8	1.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.2	1.6	1.6	2	0.71
Chrysene	mg/kg	0.05	MCERTS	1.2	1.5	1.4	2	0.63
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.6	2	2	2.6	0.92
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.59	0.76	0.8	1.1	0.31
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.3	1.7	1.7	2.1	0.72
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.67	0.8	0.87	1.1	0.39
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.32	0.1
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.74	0.97	0.98	1.3	0.42

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	13.9	18.2	17.4	23.3	7.44
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625179	2625180	2625181	2625182	2625183
Sample Reference				MHP111	MHP111	MHP112	MHP112	MHP113
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.60	0.10	0.50	0.40
Date Sampled				07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	19	20	17	19	17
Barium (aqua regia extractable)	mg/kg	1	MCERTS	290	130	330	170	120
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	11	0.9	12	1.6	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	69	35	68	36	29
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	70	36	68	36	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	100	35	120	51	36
Lead (aqua regia extractable)	mg/kg	1	MCERTS	190	110	200	180	150
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	3.3	< 0.3	2.5	0.6	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	28	34	28	24
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	41	79	43	65	60
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	330	110	380	160	90

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	9.3	10	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	25	< 8.0	49	79	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	11	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	28	< 10	58	91	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	1.3	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	< 2.0	5.6	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	14	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	12	21	20	11	< 10
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	16	42	29	17	12
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	50	42	92	120	12

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625184	2625185	2625186	2625187	2625188
Sample Reference				MHP114	MHP114	MHP115	MHP116	MHP117
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.30	0.50	0.10
Date Sampled				07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	33	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	15	13	14	11
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SZS	SZS	SZS	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.8	7.9	9.5	8.5	8
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.012	0.024	0.19	0.11	0.038
Organic Matter (automated)	%	0.1	MCERTS	4.7	2.1	2.2	2.7	3.4
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.7	1.2	1.2	1.5	2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.13	0.12	0.18
Acenaphthylene	mg/kg	0.05	MCERTS	0.16	< 0.05	0.1	0.17	0.25
Acenaphthene	mg/kg	0.05	MCERTS	0.1	0.22	0.09	0.11	0.23
Fluorene	mg/kg	0.05	MCERTS	0.1	0.17	0.09	0.12	0.31
Phenanthrene	mg/kg	0.05	MCERTS	1.3	3.3	1.6	2.5	4.9
Anthracene	mg/kg	0.05	MCERTS	0.35	0.65	0.37	0.53	1.1
Fluoranthene	mg/kg	0.05	MCERTS	3	5.9	3.2	4.9	6.6
Pyrene	mg/kg	0.05	MCERTS	2.7	5.4	2.9	4.4	5.6
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.5	2.9	1.8	2.6	3.1
Chrysene	mg/kg	0.05	MCERTS	1.5	3.2	1.6	2.7	3.1
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2	3.7	2.3	3.1	3.7
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.79	1.7	0.88	1.9	1.8
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.7	< 0.05	1.9	3.2	3.4
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.88	1.5	1.1	1.6	1.9
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.2	< 0.05	0.29	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1	1.8	1.2	2.1	2.3

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	17.2	30.3	19.6	30	38.5
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625184	2625185	2625186	2625187	2625188
Sample Reference				MHP114	MHP114	MHP115	MHP116	MHP117
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.30	0.50	0.10
Date Sampled				07/03/2023	07/03/2023	07/03/2023	07/03/2023	07/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	22	82	17	17	16
Barium (aqua regia extractable)	mg/kg	1	MCERTS	190	180	200	300	200
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	4	< 0.2	< 0.2	< 0.2	3.9
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	39	33	28	26	34
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	40	33	28	26	35
Copper (aqua regia extractable)	mg/kg	1	MCERTS	66	49	52	40	99
Lead (aqua regia extractable)	mg/kg	1	MCERTS	230	320	300	440	210
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.3	< 0.3	< 0.3	< 0.3	0.8
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	25	28	21	21	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	42	68	54	53	42
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	230	190	180	230	280

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	2.3	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	17	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	10	89	17
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	25	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10	10	110	25

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	15	< 10	20	16
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	13	19	15	63	22
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	11	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	19	35	21	82	39
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	25	40	32	230	64

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625189	2625190	2625191	2625192	2625193
Sample Reference				MHP117	MHP118	MHP118	MHP119	MHP120
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.10	0.40	0.50	0.10
Date Sampled				07/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	58	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	5.9	13	11	10	15
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SZS	SZS	SZS	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.4	8	9.6	10.8	8.4
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.022	0.012	0.36	0.084	0.0075
Organic Matter (automated)	%	0.1	MCERTS	0.6	1.8	1.4	0.8	2.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.4	1	0.8	0.5	1.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.12	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.16	0.06	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.08	< 0.05	0.19
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.09	0.07	< 0.05	0.15
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	2.2	1.9	0.19	2.6
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.49	0.37	< 0.05	0.94
Fluoranthene	mg/kg	0.05	MCERTS	0.09	4.1	3	0.35	6.5
Pyrene	mg/kg	0.05	MCERTS	0.09	3.5	2.6	0.3	5.5
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	1.7	1.5	< 0.05	2.4
Chrysene	mg/kg	0.05	MCERTS	< 0.05	1.4	1.3	< 0.05	2.6
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	1.9	1.5	0.26	2.4
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.57	0.82	0.12	1.3
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	1.4	1.4	< 0.05	2.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.81	0.98	0.14	1.1
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.18	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	1	1.3	0.17	1.4

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	19.7	16.8	1.53	29.2
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625189	2625190	2625191	2625192	2625193
Sample Reference				MHP117	MHP118	MHP118	MHP119	MHP120
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.10	0.40	0.50	0.10
Date Sampled				07/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	9	13	14	13	25
Barium (aqua regia extractable)	mg/kg	1	MCERTS	45	86	150	56	150
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.8	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	16	26	22	19	32
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	16	26	22	19	32
Copper (aqua regia extractable)	mg/kg	1	MCERTS	16	27	57	20	60
Lead (aqua regia extractable)	mg/kg	1	MCERTS	36	70	150	42	120
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	0.6
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	11	19	17	15	26
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	29	39	40	33	63
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	29	78	92	180	110

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	8	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	63	14	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	44	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10	72	16	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	2.6
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	11	< 10	< 10	14
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	10	37	< 10	17
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	21	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	< 10	21	47	< 10	33
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	< 10	21	180	16	33

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625194	2625195	2625196	2625198	2625199
Sample Reference				MHP121	MHP122	MHP123	MHP123	MHP124
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.20	0.15	0.50	0.10
Date Sampled				08/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	20	14	13	19	20
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	0.001	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	0.001	-	-
Asbestos Analyst ID	N/A	N/A	N/A	MJN	MJN	MJN	MJN	MJN

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.5	8.5	9.5	7.6	8
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.044	0.0072	0.088	0.024	0.014
Organic Matter (automated)	%	0.1	MCERTS	0.7	1.6	3	2.1	4.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	0.4	0.9	1.7	1.2	2.8

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1	0.14	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.4	0.11	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.67	0.16	< 0.05
Fluorene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1.4	0.19	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	< 0.05	0.11	18	2.8	0.71
Anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	3.8	0.49	0.15
Fluoranthene	mg/kg	0.05	MCERTS	0.14	0.24	21	3.4	1.4
Pyrene	mg/kg	0.05	MCERTS	0.13	0.27	17	2.8	1.3
Benzo(a)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.15	8.3	1.5	0.79
Chrysene	mg/kg	0.05	MCERTS	< 0.05	0.13	7.3	1.3	0.86
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.21	9.2	1.4	0.93
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	< 0.05	0.06	2.7	0.61	0.53
Benzo(a)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.16	7.2	1.1	0.82
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	< 0.05	0.12	4.3	0.6	0.38
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	1	0.14	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	< 0.05	0.14	5.3	0.8	< 0.05

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	< 0.80	1.59	109	17.4	7.93
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625194	2625195	2625196	2625198	2625199
Sample Reference				MHP121	MHP122	MHP123	MHP123	MHP124
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.55	0.20	0.15	0.50	0.10
Date Sampled				08/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	15	11	16	15	16
Barium (aqua regia extractable)	mg/kg	1	MCERTS	180	70	410	260	310
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.6	2.3	< 0.2	7.7
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	49	25	40	39	53
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	49	26	40	39	53
Copper (aqua regia extractable)	mg/kg	1	MCERTS	26	21	370	38	120
Lead (aqua regia extractable)	mg/kg	1	MCERTS	30	33	250	340	310
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	52	18	26	31	31
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	87	35	49	75	61
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	74	61	320	100	260

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	12	< 8.0	20
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	< 10	< 10	12	< 10	22

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	5.1	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	< 10	39	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	< 10	46	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	< 10	< 10	90	< 10	< 10
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	< 10	< 10	100	< 10	25

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625200	2625201	2625202	2625203	2625204
Sample Reference				MHP125	MHP125	MHP126	MHP126	MHP127
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	0.10	0.50	0.05
Date Sampled				08/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	21	9.5	21	27
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	-	Not-detected	-	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	MJN	N/A	MJN	N/A	MJN

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.6	8.4	9.2	7.4	6.2
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.041	0.012	0.11	0.0096	0.012
Organic Matter (automated)	%	0.1	MCERTS	3.2	1	6.5	1.5	6.1
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.9	0.6	3.8	0.9	3.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.31	< 0.05	3.5	< 0.05	0.32
Acenaphthylene	mg/kg	0.05	MCERTS	0.12	< 0.05	2.6	< 0.05	0.07
Acenaphthene	mg/kg	0.05	MCERTS	1.2	< 0.05	12	< 0.05	0.06
Fluorene	mg/kg	0.05	MCERTS	1.2	< 0.05	15	< 0.05	0.06
Phenanthrene	mg/kg	0.05	MCERTS	22	0.32	170	0.34	0.95
Anthracene	mg/kg	0.05	MCERTS	6.2	0.09	56	0.08	0.19
Fluoranthene	mg/kg	0.05	MCERTS	26	0.53	230	0.55	2.3
Pyrene	mg/kg	0.05	MCERTS	21	0.43	190	0.46	2.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	8.8	< 0.05	100	< 0.05	1.3
Chrysene	mg/kg	0.05	MCERTS	8.1	< 0.05	83	< 0.05	1.5
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	9.2	0.26	100	0.29	2
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	3.8	0.16	43	0.18	0.9
Benzo(a)pyrene	mg/kg	0.05	MCERTS	7.8	0.24	83	0.25	1.6
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.9	0.12	40	0.17	0.82
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	9.3	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.8	0.13	38	0.19	1

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	124	2.28	1180	2.51	15.2
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625200	2625201	2625202	2625203	2625204
Sample Reference				MHP125	MHP125	MHP126	MHP126	MHP127
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.50	0.10	0.50	0.05
Date Sampled				08/03/2023	08/03/2023	08/03/2023	08/03/2023	08/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	23	12	15	15	21
Barium (aqua regia extractable)	mg/kg	1	MCERTS	240	56	590	94	160
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	3.4	< 0.2	< 0.2	< 0.2	1.4
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	44	18	13	44	35
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	45	18	13	44	35
Copper (aqua regia extractable)	mg/kg	1	MCERTS	81	12	52	30	60
Lead (aqua regia extractable)	mg/kg	1	MCERTS	200	45	24	48	520
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.5	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	5.6	25	31	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	64	26	55	83	75
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	210	33	72	60	330

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	8.5	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	13	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	53	< 8.0	52	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	10	< 10	45	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	56	< 10	74	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	3.3	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	5.9	< 2.0	48	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	44	< 10	450	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	34	< 10	820	13	12
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	< 10	130	18	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	84	< 10	1300	17	18
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	150	< 10	1600	36	18

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625205	2625206	2625207	2625208	2625209
Sample Reference				MHP127	MHP128	MHP129	MHP130	MHP130
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.40	0.15	0.30
Date Sampled				08/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	25	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	24	15	27	17	19
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	MJN	DSO	DSO	DSO	DSO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7	7.6	7	10	7.3
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.014	0.026	0.019	0.23	0.038
Organic Matter (automated)	%	0.1	MCERTS	4.3	3.2	5.5	11	2.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.5	1.9	3.2	6.4	1.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.14	< 0.05	0.65
Acenaphthylene	mg/kg	0.05	MCERTS	0.08	0.07	< 0.05	2.5	0.07
Acenaphthene	mg/kg	0.05	MCERTS	0.08	0.06	0.2	11	0.88
Fluorene	mg/kg	0.05	MCERTS	0.07	0.08	0.14	13	0.64
Phenanthrene	mg/kg	0.05	MCERTS	1.4	1.1	2.8	190	9
Anthracene	mg/kg	0.05	MCERTS	0.25	0.18	0.73	59	1.8
Fluoranthene	mg/kg	0.05	MCERTS	3.5	2.4	6.6	230	15
Pyrene	mg/kg	0.05	MCERTS	3.2	2.1	5.7	190	14
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.8	1.1	3.3	98	7.3
Chrysene	mg/kg	0.05	MCERTS	2.1	1.2	3.5	79	7
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.4	1.6	4	100	8
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	1.3	0.8	1.7	32	3.5
Benzo(a)pyrene	mg/kg	0.05	MCERTS	2.1	1.3	3.4	76	7.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.1	0.65	1.5	39	3.5
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.46	9.4	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.4	0.78	1.8	37	4

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	20.7	13.5	36	1170	81.8
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625205	2625206	2625207	2625208	2625209
Sample Reference				MHP127	MHP128	MHP129	MHP130	MHP130
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.40	0.15	0.30
Date Sampled				08/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	23	22	20	23	20
Barium (aqua regia extractable)	mg/kg	1	MCERTS	160	240	160	830	310
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	0.9	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	33	32	33	15	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	34	32	33	17	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	110	91	66	150	79
Lead (aqua regia extractable)	mg/kg	1	MCERTS	210	710	280	160	1100
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.5	< 0.3	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	29	26	24	35	27
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	73	63	72	63	72
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	150	450	120	200	98

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	3.4	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	34	< 8.0	110	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	130	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	34	< 10	120	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	1.4	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	2.5	37	2.1
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	< 10	17	420	29
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	13	14	23	880	50
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	190	19
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	20	22	43	1300	80
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	20	58	43	1800	99

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625210	2625211	2625212	2625213	2625214
Sample Reference				MHP131	MHP131	MHP132	MHP133	MHP134
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.20	0.20	0.40
Date Sampled				09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	29	23	23	20	22
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	DSO	DSO	DSO	DSO	DSO

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.4	7.7	7.4	7.5	6.6
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.016	0.0096	0.013	0.013	0.0088
Organic Matter (automated)	%	0.1	MCERTS	6	3.2	3.9	5.2	2.9
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	3.5	1.9	2.3	3	1.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.1	0.07	0.06	0.5	0.07
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.93	0.1
Acenaphthene	mg/kg	0.05	MCERTS	0.06	< 0.05	0.08	0.31	0.08
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.07	0.06	0.7	0.08
Phenanthrene	mg/kg	0.05	MCERTS	1	0.95	0.95	12	1.5
Anthracene	mg/kg	0.05	MCERTS	0.19	0.14	0.14	2.5	0.24
Fluoranthene	mg/kg	0.05	MCERTS	2.1	1.4	1.9	25	3.7
Pyrene	mg/kg	0.05	MCERTS	1.9	1.3	1.7	21	3.4
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.1	0.76	0.89	12	1.9
Chrysene	mg/kg	0.05	MCERTS	1.3	0.94	1.1	11	1.9
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.6	0.71	1.1	13	2
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.7	0.46	0.49	5.3	1.1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.3	0.73	0.85	11	1.7
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.7	0.37	0.35	5.6	0.92
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.1	0.07	1.3	0.17
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.87	0.47	0.48	5.6	1

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	12.8	8.48	10.2	127	19.8
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625210	2625211	2625212	2625213	2625214
Sample Reference				MHP131	MHP131	MHP132	MHP133	MHP134
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.50	0.20	0.20	0.40
Date Sampled				09/03/2023	09/03/2023	09/03/2023	09/03/2023	09/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	20	18	17	40	20
Barium (aqua regia extractable)	mg/kg	1	MCERTS	140	130	160	340	130
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	37	41	32	38	39
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	37	41	33	38	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	78	50	48	120	72
Lead (aqua regia extractable)	mg/kg	1	MCERTS	280	200	280	1200	280
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	27	28	22	41	25
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	84	88	69	71	84
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	120	86	140	350	120

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	8.6	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	34	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	59	< 10
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	10	< 10	10	100	10
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	10	< 10	10	110	10

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625215	2625217	2625218	2625219	2625220
Sample Reference				MHP135	MHP136	MHP137	MHP138	MHP139
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.20	0.30	0.20
Date Sampled				09/03/2023	09/03/2023	09/03/2023	10/03/2023	10/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	26	21	22	20	21
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	DSO	KWB	KWB	KWB	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.2	6.8	6.8	6.6	7.9
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.027	0.012	0.014	0.013	0.042
Organic Matter (automated)	%	0.1	MCERTS	4.9	3.1	4.5	2.9	3.4
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.8	1.8	2.6	1.7	2

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.14	4.4	0.1	0.06	0.07
Acenaphthylene	mg/kg	0.05	MCERTS	0.35	< 0.05	0.1	< 0.05	0.09
Acenaphthene	mg/kg	0.05	MCERTS	0.23	1.1	0.07	< 0.05	0.08
Fluorene	mg/kg	0.05	MCERTS	0.22	0.65	0.06	< 0.05	0.07
Phenanthrene	mg/kg	0.05	MCERTS	5.4	4.3	1.5	0.19	1.6
Anthracene	mg/kg	0.05	MCERTS	1.1	0.44	0.22	< 0.05	0.31
Fluoranthene	mg/kg	0.05	MCERTS	19	4.2	3.6	0.3	3.5
Pyrene	mg/kg	0.05	MCERTS	17	3.6	3.2	0.24	3.1
Benzo(a)anthracene	mg/kg	0.05	MCERTS	9.5	1.9	1.8	0.17	1.8
Chrysene	mg/kg	0.05	MCERTS	8.2	2.3	2	0.22	1.8
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	11	2.5	2.3	0.15	2
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	4.2	0.8	0.92	0.1	1
Benzo(a)pyrene	mg/kg	0.05	MCERTS	8.4	1.9	1.8	0.12	1.8
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	4.2	1	1	0.06	0.88
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.91	0.22	0.19	< 0.05	0.19
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.6	1	1.1	0.1	1

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	93.6	30.2	20.1	1.71	19.2
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625215	2625217	2625218	2625219	2625220
Sample Reference				MHP135	MHP136	MHP137	MHP138	MHP139
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.20	0.30	0.20
Date Sampled				09/03/2023	09/03/2023	09/03/2023	10/03/2023	10/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	34	16	24	18	21
Barium (aqua regia extractable)	mg/kg	1	MCERTS	310	100	170	86	120
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	36	38	36	34	39
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	38	37	35	40
Copper (aqua regia extractable)	mg/kg	1	MCERTS	170	44	79	49	38
Lead (aqua regia extractable)	mg/kg	1	MCERTS	460	180	1000	120	220
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	2.9	< 0.3	0.7	0.4	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	31	25	28	21	28
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	73	79	78	77	76
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	250	84	170	79	120

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	19
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	22

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	1.5	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	4.3	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	25	10	< 10	< 10	11
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	46	17	14	< 10	30
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	72	33	22	< 10	40
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	72	37	24	12	77

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625221	2625222	2625223	2625224	2625225
Sample Reference				MHP139	MHP140	MHP140	MHP141	MHP142
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.10	0.35	0.50	0.10
Date Sampled				10/03/2023	10/03/2023	10/03/2023	10/03/2023	10/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	19	18	20	23	26
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	-	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	KWB	KWB	N/A	KWB

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8	7.8	7.8	7.7	7.1
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.023	0.023	0.011	0.012	0.02
Organic Matter (automated)	%	0.1	MCERTS	2.9	3.4	3	1.1	7.1
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.7	2	1.8	0.6	4.1

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.05	0.27	0.09	< 0.05	0.17
Acenaphthylene	mg/kg	0.05	MCERTS	0.1	0.55	0.05	< 0.05	0.47
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.67	0.06	< 0.05	0.35
Fluorene	mg/kg	0.05	MCERTS	0.09	0.75	0.06	< 0.05	0.42
Phenanthrene	mg/kg	0.05	MCERTS	1.9	14	1	0.39	8.7
Anthracene	mg/kg	0.05	MCERTS	0.33	3	0.18	< 0.05	1.6
Fluoranthene	mg/kg	0.05	MCERTS	2.8	22	2	0.72	18
Pyrene	mg/kg	0.05	MCERTS	2.4	18	1.7	0.56	16
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.3	9.4	1	0.26	8.3
Chrysene	mg/kg	0.05	MCERTS	1.2	7.7	1.1	0.33	8.2
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	1.3	9.3	1.1	0.19	9.7
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.63	3.7	0.43	0.12	4.2
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.1	8	0.86	0.16	8.6
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.57	4.1	0.46	0.11	4.6
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.1	0.92	0.1	< 0.05	0.9
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.68	4.4	0.54	0.12	5.3

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	14.5	107	10.6	2.96	96
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625221	2625222	2625223	2625224	2625225
Sample Reference				MHP139	MHP140	MHP140	MHP141	MHP142
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.10	0.35	0.50	0.10
Date Sampled				10/03/2023	10/03/2023	10/03/2023	10/03/2023	10/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	18	39	23	13	24
Barium (aqua regia extractable)	mg/kg	1	MCERTS	120	220	120	82	160
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	32	41	35	51	30
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	32	41	35	51	30
Copper (aqua regia extractable)	mg/kg	1	MCERTS	41	110	61	34	70
Lead (aqua regia extractable)	mg/kg	1	MCERTS	260	960	280	42	470
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.4	0.9	< 0.3	< 0.3	0.8
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	21	28	22	49	24
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	67	81	79	100	67
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	94	230	100	76	170

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	2.5	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	11	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	17	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	31	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	2.8
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	34	10	< 10	30
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	11	43	14	< 10	60
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	17	78	25	< 10	93
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	24	120	25	< 10	110

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625226	2625227	2625228	2625229	2625230
Sample Reference				MHP143	MHP144	MHP144	MHP145	MHP145
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.30	0.50	0.10	0.60
Date Sampled				10/03/2023	10/03/2023	10/03/2023	10/03/2023	10/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	18	20	13	10	22
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	KWB	KWB	DSA	DSA	DSA

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.8	9.2	9.4	8.5	8
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.018	0.081	0.097	0.074	0.018
Organic Matter (automated)	%	0.1	MCERTS	3.1	2.8	1.7	8.3	1.2
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.8	1.6	1	4.8	0.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.07	0.13	0.3	8.1	0.2
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.07	1.7	60	1.5
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	0.42	13	0.21
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.05	1.2	44	0.88
Phenanthrene	mg/kg	0.05	MCERTS	0.39	0.72	22	710	16
Anthracene	mg/kg	0.05	MCERTS	0.05	0.13	4.3	150	3.6
Fluoranthene	mg/kg	0.05	MCERTS	0.65	1.3	33	900	29
Pyrene	mg/kg	0.05	MCERTS	0.56	1.3	28	750	27
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.31	0.7	13	360	13
Chrysene	mg/kg	0.05	MCERTS	0.42	0.73	12	330	12
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.34	0.84	15	390	15
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.18	0.35	5.4	130	4.6
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.28	0.68	12	310	12
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.16	0.38	6.4	170	7.2
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.07	1.5	35	1.4
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.21	0.49	6.5	180	9.3

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	3.62	7.92	163	4540	152
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625226	2625227	2625228	2625229	2625230
Sample Reference				MHP143	MHP144	MHP144	MHP145	MHP145
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.50	0.30	0.50	0.10	0.60
Date Sampled				10/03/2023	10/03/2023	10/03/2023	10/03/2023	10/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	20	18	14	13	18
Barium (aqua regia extractable)	mg/kg	1	MCERTS	120	110	99	390	120
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	1.3	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	31	37	20	15	52
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31	37	20	16	52
Copper (aqua regia extractable)	mg/kg	1	MCERTS	62	94	41	33	39
Lead (aqua regia extractable)	mg/kg	1	MCERTS	210	180	130	280	72
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	0.6	0.4	0.8	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	21	38	19	17	49
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	66	77	40	29	110
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	98	160	170	330	94

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	63	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	3.2	4.1	140	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	8.8	190	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	27	31	420	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	150	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	< 10	33	43	800	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	12	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	< 2.0	3.3	11	600	8.4
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	< 10	78	4000	53
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	22	110	5200	53
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	< 10	< 10	270	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	< 10	31	200	9800	110
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	< 10	76	250	11000	120

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625231	2625232	2625233	2625234	2625235
Sample Reference				MHP146	MHP147	MHP148	MHP149	MHP150
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.10	0.40	0.50
Date Sampled				15/03/2023	15/03/2023	15/03/2023	15/03/2023	15/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	16	20	22	12	15
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	DSA	DSA	DSA	DSA	DSA

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	7.4	7.4	8.3	10.9
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.03	0.01	0.01	0.016	0.071
Organic Matter (automated)	%	0.1	MCERTS	5.1	3.8	3.8	1.2	2.7
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.9	2.2	2.2	0.7	1.6

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.2	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.1	0.11	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.2	0.16	0.05	< 0.05	0.06
Fluorene	mg/kg	0.05	MCERTS	0.19	0.22	< 0.05	< 0.05	0.05
Phenanthrene	mg/kg	0.05	MCERTS	2.1	3.2	0.94	0.4	1.4
Anthracene	mg/kg	0.05	MCERTS	0.38	0.63	0.15	0.14	0.27
Fluoranthene	mg/kg	0.05	MCERTS	3.7	3.9	2.2	0.83	3
Pyrene	mg/kg	0.05	MCERTS	3.3	3.4	2	0.74	2.6
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.8	1.8	0.98	0.4	1.6
Chrysene	mg/kg	0.05	MCERTS	1.7	1.6	1.1	0.44	1.4
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.2	1.8	1.3	0.54	1.8
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.99	0.76	0.59	0.21	0.76
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.6	1.5	1.1	0.41	1.5
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	1.1	0.76	0.7	0.26	0.97
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.2	0.2	< 0.05	< 0.05	0.22
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.4	0.96	0.89	0.38	1.2

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	21.1	21	12	4.75	16.9
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625231	2625232	2625233	2625234	2625235
Sample Reference				MHP146	MHP147	MHP148	MHP149	MHP150
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.30	0.10	0.40	0.50
Date Sampled				15/03/2023	15/03/2023	15/03/2023	15/03/2023	15/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	99	17	17	20	16
Barium (aqua regia extractable)	mg/kg	1	MCERTS	730	120	120	99	330
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	9.8
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	34	33	36	47	60
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	33	36	47	60
Copper (aqua regia extractable)	mg/kg	1	MCERTS	68	49	39	41	120
Lead (aqua regia extractable)	mg/kg	1	MCERTS	2000	180	170	73	270
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.5	< 0.3	< 0.3	1
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	55	23	24	41	30
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	74	73	76	95	57
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	770	98	85	96	340

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	2.3	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	29
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	11	< 10	< 10	< 10	35

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	7.3	4.6	< 2.0	< 2.0	4.2
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	12	< 10	< 10	12
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	30	23	10	< 10	22
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	17	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	46	40	15	< 10	37
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	74	45	21	< 10	78

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625236	2625237	2625238	2625239	2625240
Sample Reference				MHP152	MHP152	MHP153	MHP154	MHP155
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.40	0.60	0.40
Date Sampled				15/03/2023	15/03/2023	15/03/2023	15/03/2023	15/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	13	15	17	16
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	DSA	DSA	JBH	JBH	JBH

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	10.3	10.8	9.6	7.7	8.6
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.16	0.17	0.15	0.0086	0.077
Organic Matter (automated)	%	0.1	MCERTS	3.5	6.5	2.3	1.2	4.2
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2.1	3.8	1.4	0.7	2.4

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.16	3.7	0.12	< 0.05	1.5
Acenaphthylene	mg/kg	0.05	MCERTS	0.24	14	0.07	< 0.05	4.6
Acenaphthene	mg/kg	0.05	MCERTS	0.48	22	0.23	< 0.05	1.5
Fluorene	mg/kg	0.05	MCERTS	0.46	26	0.17	< 0.05	4.1
Phenanthrene	mg/kg	0.05	MCERTS	9	330	5.4	0.18	61
Anthracene	mg/kg	0.05	MCERTS	2.2	79	1.3	< 0.05	11
Fluoranthene	mg/kg	0.05	MCERTS	15	380	9.9	0.29	83
Pyrene	mg/kg	0.05	MCERTS	13	310	8.3	0.29	71
Benzo(a)anthracene	mg/kg	0.05	MCERTS	7.2	140	4.9	0.17	36
Chrysene	mg/kg	0.05	MCERTS	6.5	130	4.4	0.14	32
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	8.2	150	5.7	0.2	39
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	2.5	53	1.7	< 0.05	13
Benzo(a)pyrene	mg/kg	0.05	MCERTS	6.3	120	4.3	0.15	32
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	3.7	65	2.6	< 0.05	19
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	0.76	16	0.57	< 0.05	4.1
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.5	73	3.2	< 0.05	23

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	79.4	1910	52.9	1.42	435
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625236	2625237	2625238	2625239	2625240
Sample Reference				MHP152	MHP152	MHP153	MHP154	MHP155
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.40	0.60	0.40
Date Sampled				15/03/2023	15/03/2023	15/03/2023	15/03/2023	15/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	21	33	19	16	27
Barium (aqua regia extractable)	mg/kg	1	MCERTS	350	350	380	180	320
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	12	3.2	7	< 0.2	8.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	61	27	48	33	48
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	61	27	48	33	48
Copper (aqua regia extractable)	mg/kg	1	MCERTS	220	51	86	28	110
Lead (aqua regia extractable)	mg/kg	1	MCERTS	310	270	620	220	300
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	1.3	< 0.3	0.6	< 0.3	1.4
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	35	23	28	26	32
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	46	45	63	71	56
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	360	170	320	65	300

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	2	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	16	< 8.0	< 8.0	9.2
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	35	36	29	< 8.0	54
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	12
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	43	54	31	< 10	63

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	2.8	< 1.0	< 1.0	1.9
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	4.5	92	2.3	< 2.0	19
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	43	690	25	< 10	180
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	61	780	60	< 10	230
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	78	< 10	< 10	19
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	110	1600	87	< 10	430
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	150	1700	130	< 10	530

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625241	2625242	2625243	2625244	2625245
Sample Reference				MHP156	MHP157	MHP158	MHP159	MHP159
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.40	0.30	0.30	0.60
Date Sampled				15/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	14	19	16	23	17
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	JBH	JBH	JBH	JBH	JBH

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.4	7.2	7.9	7.1	5.8
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.11	0.016	0.043	0.029	0.079
Organic Matter (automated)	%	0.1	MCERTS	3.5	2.5	3.7	6.7	4.2
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	2	1.4	2.2	3.9	2.4

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.12	< 0.05	0.05	0.11	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.42	< 0.05	< 0.05	0.29	0.13
Acenaphthene	mg/kg	0.05	MCERTS	0.12	< 0.05	0.07	0.23	0.11
Fluorene	mg/kg	0.05	MCERTS	0.48	< 0.05	0.08	0.26	0.1
Phenanthrene	mg/kg	0.05	MCERTS	7.8	0.72	1.1	6.2	1.7
Anthracene	mg/kg	0.05	MCERTS	1.8	0.18	0.23	1.2	0.51
Fluoranthene	mg/kg	0.05	MCERTS	11	1.7	2.4	11	4
Pyrene	mg/kg	0.05	MCERTS	8.5	1.5	2.2	9.7	3.5
Benzo(a)anthracene	mg/kg	0.05	MCERTS	4.9	0.89	1.4	4.9	2.1
Chrysene	mg/kg	0.05	MCERTS	3.8	0.86	1.1	4.6	1.9
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	5.2	1.3	1.7	6.3	3
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	1.7	0.49	0.67	2.5	0.84
Benzo(a)pyrene	mg/kg	0.05	MCERTS	3.9	1.1	1.4	5.1	2.1
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	2.4	0.61	0.76	2.7	1.3
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	2.5	0.64	0.83	2.8	1.4

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	54.3	9.9	14	57.9	22.8
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625241	2625242	2625243	2625244	2625245
Sample Reference				MHP156	MHP157	MHP158	MHP159	MHP159
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.20	0.40	0.30	0.30	0.60
Date Sampled				15/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	17	20	16	47	36
Barium (aqua regia extractable)	mg/kg	1	MCERTS	430	160	450	220	160
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	7.5	< 0.2	15	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	43	35	74	39	34
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	43	35	75	40	34
Copper (aqua regia extractable)	mg/kg	1	MCERTS	91	57	150	91	81
Lead (aqua regia extractable)	mg/kg	1	MCERTS	700	290	250	410	290
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	0.8	0.6	1.9	1.6	1.1
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	25	26	36	54	29
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	43	77	50	210	89
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	370	110	540	340	150

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	15	< 2.0	< 2.0	2.1	3.7
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	86	< 8.0	12	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	380	< 8.0	69	9.1	13
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	120	< 10	16	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	480	< 10	82	13	22

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	6.2	< 2.0	< 2.0	2.8	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	72	< 10	11	19	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	380	< 10	33	38	16
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	95	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	460	11	43	60	22
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	1200	11	150	79	50

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625246	2625247	2625248	2625249	2625250
Sample Reference				MHP160	MHP160	MHP161	MHP161	MHP162
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.05	0.40	0.10	0.30	0.20
Date Sampled				16/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	30	21	30	24	11
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	Chrysotile	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	3.582	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	3.58	-	-
Asbestos Analyst ID	N/A	N/A	N/A	JBH	JBH	WEM	WEM	WEM

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.7	7.9	7.5	7.5	8.3
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.018	0.015	0.016	0.014	0.093
Organic Matter (automated)	%	0.1	MCERTS	8.8	2.5	8.5	5.6	3.3
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	5.1	1.4	4.9	3.3	1.9

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.55	0.23	0.16	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.14	0.07	0.35	0.08	0.52
Acenaphthene	mg/kg	0.05	MCERTS	0.58	< 0.05	0.1	0.1	1.3
Fluorene	mg/kg	0.05	MCERTS	0.46	< 0.05	0.33	0.09	1.4
Phenanthrene	mg/kg	0.05	MCERTS	5.8	0.8	4	1.8	19
Anthracene	mg/kg	0.05	MCERTS	2	0.16	0.74	0.41	6.4
Fluoranthene	mg/kg	0.05	MCERTS	10	1.8	5.4	4.2	55
Pyrene	mg/kg	0.05	MCERTS	9.8	1.5	4.5	3.7	48
Benzo(a)anthracene	mg/kg	0.05	MCERTS	9	0.82	2.2	2.1	30
Chrysene	mg/kg	0.05	MCERTS	7.2	0.78	2	1.8	22
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	13	1.1	2.6	2.5	31
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	3.8	0.38	1.1	0.97	8.5
Benzo(a)pyrene	mg/kg	0.05	MCERTS	11	0.84	2.3	2	22
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	4.7	0.5	1.3	1	12
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.13	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	4.7	0.59	1.4	1.2	12

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	82.8	9.74	28.4	21.8	269
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625246	2625247	2625248	2625249	2625250
Sample Reference				MHP160	MHP160	MHP161	MHP161	MHP162
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.05	0.40	0.10	0.30	0.20
Date Sampled				16/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	23	20	20	22	74
Barium (aqua regia extractable)	mg/kg	1	MCERTS	130	140	150	130	210
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	29	46	33	38	23
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	30	46	34	38	23
Copper (aqua regia extractable)	mg/kg	1	MCERTS	46	46	68	66	34
Lead (aqua regia extractable)	mg/kg	1	MCERTS	340	130	300	220	100
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	0.5	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	25	39	25	28	19
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	65	92	70	78	38
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	140	250	180	140	89

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	4.7	< 2.0	4	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	16	< 8.0	13	< 8.0	9.9
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	26	< 10	21	< 10	13

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	4	2.9	4.2	< 2.0	9.9
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	20	< 10	11	< 10	170
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	56	< 10	15	14	260
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	19
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	81	17	30	23	430
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	120	23	51	26	470

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625251	2625252	2625253	2625254	2625255
Sample Reference				MHP163	MHP163	MHP164	MHP165	MHP166
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.05	0.15	0.20	0.30	0.50
Date Sampled				16/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	22	19	22	18	17
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	WEM	WEM	WEM

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8	7.9	7.6	7	6.1
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0073	0.008	0.0082	0.0092	0.0052
Organic Matter (automated)	%	0.1	MCERTS	3.1	1.9	4.9	4.7	4
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.8	1.1	2.8	2.7	2.3

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.14	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.14	< 0.05	0.12	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	0.08	< 0.05
Fluorene	mg/kg	0.05	MCERTS	0.07	< 0.05	0.11	0.06	< 0.05
Phenanthrene	mg/kg	0.05	MCERTS	1.2	0.38	1.5	0.91	0.29
Anthracene	mg/kg	0.05	MCERTS	0.24	0.08	0.4	0.16	0.06
Fluoranthene	mg/kg	0.05	MCERTS	3.2	1	3.3	1.7	0.55
Pyrene	mg/kg	0.05	MCERTS	2.7	0.87	2.8	1.5	0.52
Benzo(a)anthracene	mg/kg	0.05	MCERTS	1.5	0.5	2.2	0.86	0.36
Chrysene	mg/kg	0.05	MCERTS	1.6	0.52	1.8	0.91	0.35
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	2.3	0.76	2.4	1.3	0.53
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.63	0.22	0.85	0.48	0.12
Benzo(a)pyrene	mg/kg	0.05	MCERTS	1.7	0.57	1.8	0.97	0.39
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.99	0.32	0.8	0.61	0.24
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	1.1	0.37	0.84	0.69	0.27

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	17.4	5.59	19	10.4	3.68
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625251	2625252	2625253	2625254	2625255
Sample Reference				MHP163	MHP163	MHP164	MHP165	MHP166
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.05	0.15	0.20	0.30	0.50
Date Sampled				16/03/2023	16/03/2023	16/03/2023	16/03/2023	16/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	16	17	15	18	16
Barium (aqua regia extractable)	mg/kg	1	MCERTS	130	120	140	150	180
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	41	49	31	27	24
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	41	49	31	27	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	38	31	32	81	72
Lead (aqua regia extractable)	mg/kg	1	MCERTS	110	73	130	350	350
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	2.1	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	30	33	23	24	24
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	78	86	68	63	58
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	95	83	88	160	100

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS,1D,AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH,CU,1D,AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH,CU,1D,AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH,CU,1D,AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	8.3	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 _{EH,CU,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH,CU+HS,1D,AL}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS,1D,AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH,CU,1D,AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH,CU,1D,AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 _{EH,CU,1D,AR}	mg/kg	10	MCERTS	15	< 10	22	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC40 _{EH,CU,1D,AR}	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH,CU+HS,1D,AR}	mg/kg	10	NONE	23	< 10	31	14	< 10
TPH Total C5 - C40 _{EH,CU+HS,1D,TOTAL}	mg/kg	10	NONE	30	< 10	35	26	< 10

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625256	2625257	2625258	2625259	2625260
Sample Reference				MHP167	MHP167	MHP168	MHP169	MHP170
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.30	0.15	0.15	0.10
Date Sampled				17/03/2023	17/03/2023	17/03/2023	17/03/2023	17/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	23	17	17	24	22
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	WEM	WEM	SZS	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.5	8.7	7.8	5.7	5.7
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0096	0.057	0.01	0.0084	0.014
Organic Matter (automated)	%	0.1	MCERTS	8.5	6	3	7.4	8.1
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	4.9	3.5	1.7	4.3	4.7

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	0.27	0.54	0.08	1.3	< 0.05
Acenaphthylene	mg/kg	0.05	MCERTS	0.74	0.51	0.06	0.06	0.05
Acenaphthene	mg/kg	0.05	MCERTS	0.3	0.7	< 0.05	0.3	0.1
Fluorene	mg/kg	0.05	MCERTS	0.34	0.67	< 0.05	0.23	0.08
Phenanthrene	mg/kg	0.05	MCERTS	8.2	12	1	3.9	1.5
Anthracene	mg/kg	0.05	MCERTS	1.7	2.6	0.24	0.57	0.28
Fluoranthene	mg/kg	0.05	MCERTS	22	23	3.8	5.3	3.1
Pyrene	mg/kg	0.05	MCERTS	19	19	3.6	4.5	2.7
Benzo(a)anthracene	mg/kg	0.05	MCERTS	10	11	2	2.1	1.3
Chrysene	mg/kg	0.05	MCERTS	11	10	2	2.3	1.5
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	14	13	2.5	2.8	1.8
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	5	4.5	1	0.91	0.65
Benzo(a)pyrene	mg/kg	0.05	MCERTS	11	11	2.2	2	1.4
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	6.3	6.4	1.1	1.2	0.77
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	2	1.4	0.36	0.39	0.24
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	7.1	7.9	1.3	1.3	0.9

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	118	125	21.1	29.2	16.4
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625256	2625257	2625258	2625259	2625260
Sample Reference				MHP167	MHP167	MHP168	MHP169	MHP170
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.30	0.15	0.15	0.10
Date Sampled				17/03/2023	17/03/2023	17/03/2023	17/03/2023	17/03/2023
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Heavy Metals / Metalloids								
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	20	19	23	34	20
Barium (aqua regia extractable)	mg/kg	1	MCERTS	150	160	140	170	160
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	1	1	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	30	30	36	32	27
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	31	31	36	33	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	98	85	75	98	77
Lead (aqua regia extractable)	mg/kg	1	MCERTS	420	370	150	350	340
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.5	< 0.3	1.1	2.7
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	24	22	26	28	23
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	70	65	98	77	65
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	240	220	120	140	150

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	MCERTS	4.7	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	MCERTS	15	14	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC40 EH_CU_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	25	18	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	MCERTS	< 1.0	1.5	1.1	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	MCERTS	4	9.2	3.5	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	MCERTS	34	80	10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	MCERTS	77	130	23	20	16
TPH-CWG - Aromatic >EC35 - EC40 EH_CU_1D_AR	mg/kg	10	NONE	< 10	16	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	NONE	110	230	38	30	23
TPH Total C5 - C40 EH_CU+HS_1D_TOTAL	mg/kg	10	NONE	150	260	42	34	26

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625261	2625262	2625263
Sample Reference				MHP171	MHP172	MHP173
Sample Number				None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.20
Date Sampled				Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	15	13	21
Total mass of sample received	kg	0.001	NONE	0.5	0.5	0.5

Asbestos in Soil Screen / Identification Name	Type	N/A	ISO 17025	-	-	-
Asbestos in Soil	Type	N/A	ISO 17025	Not-detected	Not-detected	Not-detected
Asbestos Quantification (Stage 2)	%	0.001	ISO 17025	-	-	-
Asbestos Quantification Total	%	0.001	ISO 17025	-	-	-
Asbestos Analyst ID	N/A	N/A	N/A	SZS	SZS	SZS

General Inorganics

pH - Automated	pH Units	N/A	MCERTS	7.9	7.7	7
Water Soluble SO ₄ 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.016	0.013	0.038
Organic Matter (automated)	%	0.1	MCERTS	1.8	2.1	9.5
Total Organic Carbon (TOC) - Automated	%	0.1	MCERTS	1.1	1.2	5.5

Total Phenols

Total Phenols (monohydric)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
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Speciated PAHs

Naphthalene	mg/kg	0.05	MCERTS	< 0.05	0.08	0.14
Acenaphthylene	mg/kg	0.05	MCERTS	< 0.05	0.15	0.09
Acenaphthene	mg/kg	0.05	MCERTS	< 0.05	0.06	0.46
Fluorene	mg/kg	0.05	MCERTS	< 0.05	0.09	0.23
Phenanthrene	mg/kg	0.05	MCERTS	0.16	1.7	3.4
Anthracene	mg/kg	0.05	MCERTS	< 0.05	0.28	0.38
Fluoranthene	mg/kg	0.05	MCERTS	0.34	5.3	6.4
Pyrene	mg/kg	0.05	MCERTS	0.32	4.6	5.7
Benzo(a)anthracene	mg/kg	0.05	MCERTS	0.19	2.1	2.8
Chrysene	mg/kg	0.05	MCERTS	0.18	2.3	3
Benzo(b)fluoranthene	mg/kg	0.05	ISO 17025	0.27	3	4.1
Benzo(k)fluoranthene	mg/kg	0.05	ISO 17025	0.09	0.92	1.3
Benzo(a)pyrene	mg/kg	0.05	MCERTS	0.2	2.1	2.9
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	MCERTS	0.13	1.2	1.7
Dibenz(a,h)anthracene	mg/kg	0.05	MCERTS	< 0.05	0.38	0.54
Benzo(ghi)perylene	mg/kg	0.05	MCERTS	0.16	1.4	2

Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	ISO 17025	2.04	25.6	34.9
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Analytical Report Number: 23-24284
Project / Site name: St Ann's Hospital
Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625261	2625262	2625263
Sample Reference				MHP171	MHP172	MHP173
Sample Number				None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.40	0.20
Date Sampled				Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Heavy Metals / Metalloids						
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	87	16	23
Barium (aqua regia extractable)	mg/kg	1	MCERTS	240	130	210
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	2.3
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8
Chromium (III)	mg/kg	1	NONE	35	24	26
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	36	24	27
Copper (aqua regia extractable)	mg/kg	1	MCERTS	48	54	1100
Lead (aqua regia extractable)	mg/kg	1	MCERTS	170	240	1200
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	0.6	1.2
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	33	20	25
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Vanadium (aqua regia extractable)	mg/kg	1	MCERTS	71	51	60
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	86	170	2300

Monoaromatics & Oxygenates

Benzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
Toluene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
Ethylbenzene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
p & m-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
o-xylene	µg/kg	5	MCERTS	< 5.0	< 5.0	< 5.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	5	NONE	< 5.0	< 5.0	< 5.0

Petroleum Hydrocarbons

TPH-CWG - Aliphatic >EC5 - EC6 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 _{HS, 1D, AL}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 _{EH, CU, 1D, AL}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 _{EH, CU, 1D, AL}	mg/kg	2	MCERTS	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 _{EH, CU, 1D, AL}	mg/kg	8	MCERTS	< 8.0	< 8.0	13
TPH-CWG - Aliphatic >EC35 - EC40 _{EH, CU, 1D, AL}	mg/kg	10	NONE	< 10	< 10	< 10
TPH-CWG - Aliphatic (EC5 - EC35) _{EH, CU+HS, 1D, AL}	mg/kg	10	NONE	< 10	< 10	14

TPH-CWG - Aromatic >EC5 - EC7 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 _{HS, 1D, AR}	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 _{EH, CU, 1D, AR}	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 _{EH, CU, 1D, AR}	mg/kg	2	MCERTS	< 2.0	< 2.0	2.6
TPH-CWG - Aromatic >EC16 - EC21 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	12	14
TPH-CWG - Aromatic >EC21 - EC35 _{EH, CU, 1D, AR}	mg/kg	10	MCERTS	< 10	23	32
TPH-CWG - Aromatic >EC35 - EC40 _{EH, CU, 1D, AR}	mg/kg	10	NONE	< 10	< 10	< 10
TPH-CWG - Aromatic (EC5 - EC35) _{EH, CU+HS, 1D, AR}	mg/kg	10	NONE	< 10	35	48
TPH Total C5 - C40 _{EH, CU+HS, 1D, TOTAL}	mg/kg	10	NONE	< 10	37	70

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected



Analytical Report Number: 23-24284
Project / Site name: St Ann`s Hospital
Your Order No: 22-2-FDO-LABS

Certificate of Analysis - Asbestos Quantification

Methods:

Qualitative Analysis

The samples were analysed qualitatively for asbestos by polarising light and dispersion staining as described by the Health and Safety Executive in HSG 248.

Quantitative Analysis

The analysis was carried out using our documented in-house method A006-PL based on HSE Contract Research Report No: 83/1996: Development and Validation of an analytical method to determine the amount of asbestos in soils and loose aggregates (Davies et al, 1996) and HSG 248. Our method includes initial examination of the entire representative sample, then fractionation and detailed analysis of each fraction, with quantification by hand picking and weighing.

The limit of detection (reporting limit) of this method is 0.001 %.

The method has been validated using samples of at least 100 g, results for samples smaller than this should be interpreted with caution.

Both Qualitative and Quantitative Analyses are UKAS accredited.

Sample Number	Sample ID	Sample Depth (m)	Sample Weight (g)	Asbestos Containing Material Types Detected (ACM)	PLM Results	Asbestos by hand picking/weighing (%)	Total % Asbestos in Sample
2625182	MHP112	0.50	127	Sheeting/Board Debris	Amosite	0.306	0.306
2625196	MHP123	0.15	105	Loose Fibres	Chrysotile	0.001	0.001
2625248	MHP161	0.10	116	Loose Fibres & Asbestos Cement	Chrysotile	3.582	3.58

Opinions and interpretations expressed herein are outside the scope of UKAS accreditation.



Analytical Report Number: 23-24284
Project / Site name: St Ann`s Hospital

Your Order No: 22-2-FDO-LABS

Lab Sample Number				2625197
Sample Reference				MHP123
Sample Number				None Supplied
Depth (m)				0.10
Date Sampled				08/03/2023
Time Taken				None Supplied
Analytical Parameter (Bulk Analysis)				
	Units	Limit of detection	Accreditation Status	

Asbestos Identification	Type	N/A	ISO 17025	Chrysotile-Asbestos Cement
Asbestos Analyst ID	N/A	N/A	N/A	MJN

U/S = Unsuitable Sample I/S = Insufficient Sample ND = Not detected

Analytical Report Number : 23-24284
Project / Site name: St Ann`s Hospital

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2625164	MHP101	None Supplied	0.1	Brown sandy clay with vegetation.
2625165	MHP101	None Supplied	0.55	Brown sandy clay with vegetation.
2625166	MHP102	None Supplied	0.05	Brown sandy clay.
2625167	MHP103	None Supplied	0.05	Non Soil #
2625168	MHP103	None Supplied	0.5	Brown clay and sand with gravel.
2625169	MHP104	None Supplied	0.5	Brown gravelly sand.
2625170	MHP105	None Supplied	0.7	Brown gravelly sand with stones.
2625171	MHP106	None Supplied	0.2	Brown clay and sand with vegetation.
2625172	MHP106	None Supplied	0.4	Brown clay and sand with stones.
2625173	MHP107	None Supplied	0.2	Brown gravelly sand with stones.
2625174	MHP107	None Supplied	0.4	Brown clay with gravel.
2625175	MHP108	None Supplied	0.1	Brown gravelly sand with vegetation.
2625176	MHP109	None Supplied	0.15	Brown clay and sand with gravel and vegetation.
2625177	MHP109	None Supplied	0.4	Brown clay and sand with gravel and vegetation.
2625178	MHP110	None Supplied	0.1	Brown gravelly sand.
2625179	MHP111	None Supplied	0.3	Brown gravelly sand.
2625180	MHP111	None Supplied	0.6	Brown clay with gravel.
2625181	MHP112	None Supplied	0.1	Brown gravelly sand with vegetation.
2625182	MHP112	None Supplied	0.5	Brown clay and sand with gravel and vegetation.
2625183	MHP113	None Supplied	0.4	Brown clay and sand with gravel.
2625184	MHP114	None Supplied	0.1	Brown gravelly sand with vegetation.
2625185	MHP114	None Supplied	0.5	Brown clay and sand with gravel and vegetation.
2625186	MHP115	None Supplied	0.3	Brown gravelly sand with stones.
2625187	MHP116	None Supplied	0.5	Brown sandy clay with gravel and brick.
2625188	MHP117	None Supplied	0.1	Brown sandy clay with gravel and brick.
2625189	MHP117	None Supplied	0.5	Brown clay and sand with gravel and stones.
2625190	MHP118	None Supplied	0.1	Brown clay and sand with gravel and vegetation.
2625191	MHP118	None Supplied	0.4	Brown clay and sand with rubble and gravel
2625192	MHP119	None Supplied	0.5	Brown clay and sand with gravel and vegetation.
2625193	MHP120	None Supplied	0.1	Brown clay and loam with brick and vegetation.
2625194	MHP121	None Supplied	0.55	Light brown clay with vegetation.
2625195	MHP122	None Supplied	0.2	Brown clay and sand with gravel and vegetation.
2625196	MHP123	None Supplied	0.15	Brown sandy loam with rubble and glass.
2625198	MHP123	None Supplied	0.5	Brown clay and sand with brick and vegetation.
2625199	MHP124	None Supplied	0.1	Brown loam and clay with gravel and coal.
2625200	MHP125	None Supplied	0.2	Brown loam and clay with gravel and brick.
2625201	MHP125	None Supplied	0.5	Light brown clay.
2625202	MHP126	None Supplied	0.1	Black gravelly sand with clinker and glass.
2625203	MHP126	None Supplied	0.5	Light brown clay and sand with gravel and vegetation.
2625204	MHP127	None Supplied	0.05	Brown clay and loam with gravel and vegetation.
2625205	MHP127	None Supplied	0.3	Brown clay and loam with gravel and vegetation.
2625206	MHP128	None Supplied	0.4	Brown clay and loam with gravel and stones.
2625207	MHP129	None Supplied	0.4	Brown clay and loam with gravel and vegetation.
2625208	MHP130	None Supplied	0.15	Black gravelly sand with clinker and vegetation.
2625209	MHP130	None Supplied	0.3	Brown clay and sand with gravel and brick.
2625210	MHP131	None Supplied	0.1	Brown loam and clay with gravel and vegetation.
2625211	MHP131	None Supplied	0.5	Brown clay and sand with gravel and vegetation.
2625212	MHP132	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2625213	MHP133	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2625214	MHP134	None Supplied	0.4	Brown loam and clay with gravel and vegetation.
2625215	MHP135	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
2625217	MHP136	None Supplied	0.4	Brown clay and loam with gravel and vegetation.
2625218	MHP137	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2625219	MHP138	None Supplied	0.3	Brown clay and loam with gravel and brick.
2625220	MHP139	None Supplied	0.2	Brown clay and sand with gravel and vegetation.
2625221	MHP139	None Supplied	0.5	Brown clay and sand with gravel.
2625222	MHP140	None Supplied	0.1	Brown loam and clay with gravel and vegetation.
2625223	MHP140	None Supplied	0.35	Brown clay and loam with gravel and brick.

Analytical Report Number : 23-24284
Project / Site name: St Ann`s Hospital

* These descriptions are only intended to act as a cross check if sample identities are questioned. The major constituent of the sample is intended to act with respect to MCERTS validation. The laboratory is accredited for sand, clay and loam (MCERTS) soil types. Data for unaccredited types of solid should be interpreted with care.

Stone content of a sample is calculated as the % weight of the stones not passing a 10 mm sieve. Results are not corrected for stone content.

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2625224	MHP141	None Supplied	0.5	Light brown clay.
2625225	MHP142	None Supplied	0.1	Brown loam and clay with gravel and vegetation.
2625226	MHP143	None Supplied	0.5	Brown clay and loam with gravel and brick.
2625227	MHP144	None Supplied	0.3	Brown clay and loam with gravel and brick.
2625228	MHP144	None Supplied	0.5	Light brown sand with gravel.
2625229	MHP145	None Supplied	0.1	Brown loam with gravel and vegetation.
2625230	MHP145	None Supplied	0.6	Brown clay and loam with brick and vegetation.
2625231	MHP146	None Supplied	0.2	Brown loam and clay with gravel and vegetation.
2625232	MHP147	None Supplied	0.3	Brown clay and loam with gravel and vegetation.
2625233	MHP148	None Supplied	0.1	Brown clay and loam with gravel and vegetation.
2625234	MHP149	None Supplied	0.4	Brown clay and loam.
2625235	MHP150	None Supplied	0.5	Brown loam and clay with rubble and vegetation.
2625236	MHP152	None Supplied	0.3	Brown loam and clay with rubble and vegetation.
2625237	MHP152	None Supplied	0.4	Brown loam and clay with rubble and vegetation.
2625238	MHP153	None Supplied	0.4	Brown sandy loam with gravel and brick.
2625239	MHP154	None Supplied	0.6	Brown clay and sand with gravel and brick.
2625240	MHP155	None Supplied	0.4	Brown loam and clay with brick and plastic.
2625241	MHP156	None Supplied	0.2	Brown loam and clay with gravel and brick.
2625242	MHP157	None Supplied	0.4	Brown clay and sand with gravel and brick.
2625243	MHP158	None Supplied	0.3	Brown sandy clay with gravel and vegetation.
2625244	MHP159	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
2625245	MHP159	None Supplied	0.6	Brown loam and clay with gravel and vegetation.
2625246	MHP160	None Supplied	0.05	Brown loam and clay with gravel and vegetation.
2625247	MHP160	None Supplied	0.4	Brown clay and sand with gravel and brick.
2625248	MHP161	None Supplied	0.1	Brown loam and clay with gravel and vegetation.
2625249	MHP161	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
2625250	MHP162	None Supplied	0.2	Brown loam and clay with rubble and brick.
2625251	MHP163	None Supplied	0.05	Brown loam and clay with gravel and vegetation.
2625252	MHP163	None Supplied	0.15	Brown clay and loam with gravel and vegetation.
2625253	MHP164	None Supplied	0.2	Brown clay and loam with gravel and brick.
2625254	MHP165	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
2625255	MHP166	None Supplied	0.5	Brown loam and clay with gravel and vegetation.
2625256	MHP167	None Supplied	0.1	Brown loam and clay with gravel and vegetation.
2625257	MHP167	None Supplied	0.3	Brown loam and clay with gravel and vegetation.
2625258	MHP168	None Supplied	0.15	Brown clay and sand with gravel and brick.
2625259	MHP169	None Supplied	0.15	Brown loam and clay with gravel and vegetation.
2625260	MHP170	None Supplied	0.1	Brown loam and clay with gravel and vegetation.
2625261	MHP171	None Supplied	0.3	Brown sandy loam with brick and gravel
2625262	MHP172	None Supplied	0.4	Brown clay and sand with brick and gravel
2625263	MHP173	None Supplied	0.2	Brown loam with gravel and vegetation.

Analytical Report Number : 23-24284
Project / Site name: St Ann`s Hospital

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Asbestos identification in Bulks	Asbestos Identification in bulk material with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	W	ISO 17025
Asbestos identification in soil	Asbestos Identification with the use of polarised light microscopy in conjunction with dispersion staining techniques.	In house method based on HSG 248	A001-PL	D	ISO 17025
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Monohydric phenols in soil	Determination of phenols in soil by extraction with sodium hydroxide followed by distillation followed by colorimetry.	In-house method based on Examination of Water and Wastewater 20th Edition: Clesceri, Greenberg & Eaton (skalar)	L080-PL	W	MCERTS
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	MCERTS
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
Total organic carbon (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS. Individual components MCERTS accredited	In-house method based on USEPA8260	L073B-PL	W	MCERTS
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	NONE
Cr (III) in soil	In-house method by calculation from total Cr and Cr VI.	In-house method by calculation	L080-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	MCERTS
Asbestos Quantification - Gravimetric	Asbestos quantification by gravimetric method - in house method based on references.	HSE Report No: 83/1996, HSG 248, HSG 264 & SCA Blue Book (draft).	A006-PL	D	ISO 17025

Analytical Report Number : 23-24284
Project / Site name: St Ann`s Hospital

Water matrix abbreviations:

Surface Water (SW) Potable Water (PW) Ground Water (GW) Process Waters (PrW) Final Sewage Effluent (FSE) Landfill Leachate (LL)

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS

For method numbers ending in 'UK or A' analysis have been carried out in our laboratory in the United Kingdom (WATFORD).

For method numbers ending in 'F' analysis have been carried out in our laboratory in the United Kingdom (East Kilbride).

For method numbers ending in 'PL or B' analysis have been carried out in our laboratory in Poland.

Soil analytical results are expressed on a dry weight basis. Where analysis is carried out on as-received the results obtained are multiplied by a moisture correction factor that is determined gravimetrically using the moisture content which is carried out at a maximum of 30oC.

Unless otherwise indicated, site information, order number, project number, sampling date, time, sample reference and depth are provided by the client. The instructed on date indicates the date on which this information was provided to the laboratory.

Information in Support of Analytical Results

List of HWOL Acronyms and Operators

Acronym	Descriptions
HS	Headspace Analysis
MS	Mass spectrometry
FID	Flame Ionisation Detector
GC	Gas Chromatography
EH	Extractable Hydrocarbons (i.e. everything extracted by the solvent(s))
CU	Clean-up - e.g. by Florisil®, silica gel
1D	GC - Single coil/column gas chromatography
2D	GC-GC - Double coil/column gas chromatography
Total	Aliphatics & Aromatics
AL	Aliphatics
AR	Aromatics
#1	EH_2D_Total but with humics mathematically subtracted
#2	EH_2D_Total but with fatty acids mathematically subtracted
-	Operator - understore to separate acronyms (exception for +)
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total

#UNACCREDITED SAMPLE MATRIX

Sample Deviation Report



Analytical Report Number : 23-24284

Project / Site name: St Ann`s Hospital

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
MHP101	None Supplied	S	2625164	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP101	None Supplied	S	2625164	c	TPH in (Soil)	L076-PL	c
MHP101	None Supplied	S	2625165	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP101	None Supplied	S	2625165	c	TPH in (Soil)	L076-PL	c
MHP102	None Supplied	S	2625166	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP102	None Supplied	S	2625166	c	TPH in (Soil)	L076-PL	c
MHP103	None Supplied	S	2625167	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP103	None Supplied	S	2625167	c	TPH in (Soil)	L076-PL	c
MHP103	None Supplied	S	2625168	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP103	None Supplied	S	2625168	c	TPH in (Soil)	L076-PL	c
MHP104	None Supplied	S	2625169	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP104	None Supplied	S	2625169	c	TPH in (Soil)	L076-PL	c
MHP105	None Supplied	S	2625170	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP105	None Supplied	S	2625170	c	TPH in (Soil)	L076-PL	c
MHP106	None Supplied	S	2625171	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP106	None Supplied	S	2625171	c	TPH in (Soil)	L076-PL	c
MHP106	None Supplied	S	2625172	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP106	None Supplied	S	2625172	c	TPH in (Soil)	L076-PL	c
MHP107	None Supplied	S	2625173	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP107	None Supplied	S	2625173	c	TPH in (Soil)	L076-PL	c
MHP107	None Supplied	S	2625174	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP107	None Supplied	S	2625174	c	TPH in (Soil)	L076-PL	c
MHP108	None Supplied	S	2625175	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP108	None Supplied	S	2625175	c	TPH in (Soil)	L076-PL	c
MHP109	None Supplied	S	2625176	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP109	None Supplied	S	2625176	c	TPH in (Soil)	L076-PL	c
MHP109	None Supplied	S	2625177	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP109	None Supplied	S	2625177	c	TPH in (Soil)	L076-PL	c
MHP110	None Supplied	S	2625178	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP110	None Supplied	S	2625178	c	TPH in (Soil)	L076-PL	c
MHP111	None Supplied	S	2625179	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP111	None Supplied	S	2625179	c	TPH in (Soil)	L076-PL	c
MHP111	None Supplied	S	2625180	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP111	None Supplied	S	2625180	c	TPH in (Soil)	L076-PL	c
MHP112	None Supplied	S	2625181	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP112	None Supplied	S	2625181	c	TPH in (Soil)	L076-PL	c
MHP112	None Supplied	S	2625182	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP112	None Supplied	S	2625182	c	TPH in (Soil)	L076-PL	c
MHP113	None Supplied	S	2625183	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP113	None Supplied	S	2625183	c	TPH in (Soil)	L076-PL	c
MHP114	None Supplied	S	2625184	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP114	None Supplied	S	2625184	c	TPH in (Soil)	L076-PL	c
MHP114	None Supplied	S	2625185	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP114	None Supplied	S	2625185	c	TPH in (Soil)	L076-PL	c
MHP115	None Supplied	S	2625186	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP115	None Supplied	S	2625186	c	TPH in (Soil)	L076-PL	c
MHP116	None Supplied	S	2625187	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP116	None Supplied	S	2625187	c	TPH in (Soil)	L076-PL	c
MHP117	None Supplied	S	2625188	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP117	None Supplied	S	2625188	c	TPH in (Soil)	L076-PL	c
MHP117	None Supplied	S	2625189	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP117	None Supplied	S	2625189	c	TPH in (Soil)	L076-PL	c
MHP118	None Supplied	S	2625190	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP118	None Supplied	S	2625190	c	TPH in (Soil)	L076-PL	c
MHP118	None Supplied	S	2625191	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP118	None Supplied	S	2625191	c	TPH in (Soil)	L076-PL	c
MHP119	None Supplied	S	2625192	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP119	None Supplied	S	2625192	c	TPH in (Soil)	L076-PL	c
MHP120	None Supplied	S	2625193	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c

Sample Deviation Report



Analytical Report Number : 23-24284

Project / Site name: St Ann`s Hospital

This deviation report indicates the sample and test deviations that apply to the samples submitted for analysis. Please note that the associated result(s) may be unreliable and should be interpreted with care.

Key: a - No sampling date b - Incorrect container c - Holding time d - Headspace e - Temperature

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
MHP120	None Supplied	S	2625193	c	TPH in (Soil)	L076-PL	c
MHP121	None Supplied	S	2625194	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP121	None Supplied	S	2625194	c	TPH in (Soil)	L076-PL	c
MHP122	None Supplied	S	2625195	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP122	None Supplied	S	2625195	c	TPH in (Soil)	L076-PL	c
MHP123	None Supplied	S	2625196	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP123	None Supplied	S	2625196	c	TPH in (Soil)	L076-PL	c
MHP123	None Supplied	S	2625198	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP123	None Supplied	S	2625198	c	TPH in (Soil)	L076-PL	c
MHP124	None Supplied	S	2625199	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP124	None Supplied	S	2625199	c	TPH in (Soil)	L076-PL	c
MHP125	None Supplied	S	2625200	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP125	None Supplied	S	2625200	c	TPH in (Soil)	L076-PL	c
MHP125	None Supplied	S	2625201	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP125	None Supplied	S	2625201	c	TPH in (Soil)	L076-PL	c
MHP126	None Supplied	S	2625202	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP126	None Supplied	S	2625202	c	TPH in (Soil)	L076-PL	c
MHP126	None Supplied	S	2625203	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP126	None Supplied	S	2625203	c	TPH in (Soil)	L076-PL	c
MHP127	None Supplied	S	2625204	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP127	None Supplied	S	2625204	c	TPH in (Soil)	L076-PL	c
MHP127	None Supplied	S	2625205	c	BTEX and MTBE in soil (Monoaromatics)	L073B-PL	c
MHP127	None Supplied	S	2625205	c	TPH in (Soil)	L076-PL	c
MHP135	None Supplied	S	2625216	c	None Supplied	None Supplied	None Supplied
MHP171	None Supplied	S	2625261	a	None Supplied	None Supplied	None Supplied
MHP172	None Supplied	S	2625262	a	None Supplied	None Supplied	None Supplied
MHP173	None Supplied	S	2625263	a	None Supplied	None Supplied	None Supplied

APPENDIX 3 ▪ Zoning Plans



Legend

- Site Boundary
- Hand Pit Suitability
 - Suitable
 - Not Suitable

First Issue	18/04/2023		-
	HDF	KRJ	KRJ
Issue Details	Dwn	Chd	App'd
Issue Purpose	Preliminary		
Client	Hills Partnership		
Project	St Ann's Hospital St Ann's Road, London		
Dwg Title	Soils suitable for placement in areas of public open space		
Drawing No.	21914j-304-003		
Scale	Date	Frame dimension mm	
1:1250	18/04/2023	(A3) 392 x 277	
Drawn	Checked	Approved	
HDF	KRJ	KRJ	

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Legend

- Site Boundary
- Hand Pit Suitability
 - Suitable
 - Not Suitable

First Issue	18/04/2023		-
	HDF	KRJ	KRJ
Issue Details	Dwn	Chd	App'd
Issue Purpose	Preliminary		
Client	Hills Partnership		
Project	St Ann's Hospital St Ann's Road, London		
Dwg Title	Soils suitable for placement in areas residential areas without the possibility of homegrown produce		
Drawing No.	21914j-304-004		
Scale	1:1250	Date	18/04/2023
		Frame dimension mm	(A3) 392 x 277
Drawn	HDF	Checked	KRJ
		Approved	KRJ

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Legend

- Site Boundary
- Hand Pit Suitability
 - Suitable
 - Not Suitable

First Issue	18/04/2023		-
	HDF	KRJ	KRJ
Issue Details	Dwn	Chd	App'd
Issue Purpose	Preliminary		
Client	Hills Partnership		
Project	St Ann's Hospital St Ann's Road, London		
Dwg Title	Soils suitable for placement in areas residential areas with the possibility of homegrown produce		
Drawing No.	21914j-304-005		
Scale	1:1250	Date	18/04/2023
		Frame dimension mm	(A3) 392 x 277
Drawn	HDF	Checked	KRJ
		Approved	KRJ

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NOTES:

 600 mm clean cover required (minimum 150 mm topsoil over subsoil, subsoil can be site won, but must be suitable for use in private gardens).

 300 mm clean cover required (minimum 150 mm topsoil over subsoil, subsoil can be site won / made up from existing soils, but must be suitable for use in a park setting (POS Park))

 300 mm clean cover required (minimum 150 mm topsoil over subsoil, subsoil can be site won, but must be suitable for use in communal gardens).

 No clean cover requirements and general fill can be used below pile mat / building footprint

 No clean cover requirements and general fill can be used below road and pavement formation levels

 Bio tree pits with suitable growing medium

GENERAL NOTES:

- All tree pits irrespective of zones to have required growing mediums
- All planters / planting beds to have clean cover of minimum 300mm



PROJECT

St Ann's (X026)

TITLE

Remediation plan

REVISION

001

DRAWN BY

DW

ISSUE DATE

16/05/2023

IDOM

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