

APPENDIX E

Site Specific Borehole and Trial Pit Logs

Well

Well

Well

Well

Well

Well

Well

Well

Well

Well

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend
		Depth (m)	Type	In Situ Results			
					3.00		

Well

Well

Well

Well

Well

Well	Water Strikes	Sample and In Situ Testing			Depth (m)	Level (m)	Legend
		Depth (m)	Type	In Situ Results			
					0.20		
					0.40		

Well



Trial Pit Log

Trialpit No

TP03

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
29/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

2

Depth
1.70

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.28		
				1.70		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate





Trial Pit Log

Trialpit No

TP05

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
28/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.45

Depth
2.10

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.23		
				0.40		
				0.90		
				1.65		
				2.10		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate





Trial Pit Log

Trialpit No

TP06

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
29/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.65

Depth
1.90

0.4

Scale

1:15

Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.25 0.27		
				0.50		
				1.90		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable





Trial Pit Log

Trialpit No

TP07

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
29/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.7

Depth
2.15

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.23		
				0.60		
				2.15		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Stable





Trial Pit Log

Trialpit No

TP08

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
29/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.7

Depth
1.80

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.28		
				0.80		
				1.80		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable





Trial Pit Log

Trialpit No

TP10

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
26/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.5

Depth
2.10

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.20 0.22		
				0.42		
				1.20		
				2.10		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate





Trial Pit Log

Trialpit No

TP21

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
26/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.5

Depth
1.80

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.03		
				0.20		
				0.70		
				1.80		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderately Poor





Trial Pit Log

Trialpit No

TP23

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
26/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.7

Depth
2.10

0.4

Scale

1:15

Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.05 0.10		
				0.80		
				2.10		

Remarks: Groundwater was not encountered during excavation

Stability: Poor





Trial Pit Log

Trialpit No

TP24

Sheet 1 of 1

Project Name: Pfizer Havant

Project No.
UK20.5052fCo-ords: -
Level:Date
28/07/2021

Location: 32 New Lane, Havant, PO9 2NG

Dimensions
(m):

1.4

Depth
1.60

0.4

Scale
1:15Logged
JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.25		
				1.60		

Remarks: RTD - River Terrace Deposits

Groundwater was not encountered during excavation

Stability: Moderate to Stable





Trial Pit Log

Trialpit No

TP25

Sheet 1 of 1

Project Name:	Pfizer Havant	Project No.	UK20.5052f	Co-ords: -	Level:	Date	29/07/2021
Location:	32 New Lane, Havant, PO9 2NG			Dimensions (m):	1.7	Scale	1:15
Client:				Depth	1.70	Logged	JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.20		
				0.90		
				1.70		

Remarks:	RTD - River Terrace Deposits	
	Groundwater was not encountered during excavation	
Stability:	Moderate to Stable	



Trial Pit Log

Trialpit No

TP26

Sheet 1 of 1

Project Name:	Pfizer Havant	Project No.	UK20.5052f	Co-ords: - Level:		Date	28/07/2021
Location:	32 New Lane, Havant, PO9 2NG	Dimensions (m):	1.75	Depth	0.4	Scale	1:15
Client:				1.95		Logged	JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.20		
				0.70		
				1.00		
				1.95		

Remarks:	RTD - River Terrace Deposits	
	Groundwater was not encountered during excavation	
Stability:	Moderate to Stable	



Trial Pit Log

Trialpit No

TP28

Sheet 1 of 1

Project Name:	Pfizer Havant	Project No.	UK20.5052f	Co-ords: - Level:		Date	29/07/2021
Location:	32 New Lane, Havant, PO9 2NG	Dimensions (m):	1.4	0.4		Scale	1:15
Client:		Depth	1.60			Logged	JB

Water Strike	Samples and In Situ Testing			Depth (m)	Level (m)	Legend
	Depth	Type	Results			
				0.02		
				0.23		
				0.70		
				1.60		

Remarks:	RTD - River Terrace Deposits	
	Groundwater was not encountered during excavation	
Stability:	Moderate to Stable	

APPENDIX F

Laboratory Results - Environmental

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention : James Bowley
Date : 19th August, 2021
Your reference : UK20.5052F
Our reference : Test Report 21/11799 Batch 1
Location :
Date samples received : 3rd August, 2021
Status : Final report
Issue : 1

Nineteen samples were received for analysis on 3rd August, 2021 of which nineteen were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Hayley Prowse
Project Manager

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QF-PM 3.1.2 v11

Please include all sections of this report if it is reproduced

All solid results are expressed on a dry weight basis unless stated otherwise.

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Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50			
COC No / misc													
Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) ^{#M}	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	0.3	<0.2	<0.2	<0.2	mg/kg	TMS/PM8/PM16
>C12-C16 (EH_CU_1D_AL) ^{#M}	<4	<4	<4	<4	<4	<4	<4	62	<4	<4	<4	mg/kg	TMS/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	<7	<7	<7	<7	<7	<7	<7	426	<7	<7	<7	mg/kg	TMS/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	27	23	<7	<7	<7	26	<7	206	<7	<7	<7	mg/kg	TMS/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	27	23	<19	<19	<19	26	<19	694	<19	<19	<19	mg/kg	TMS/PM8/PM16/PM21/PM24
Aromatics													
>C5-EC7 (HS_1D_AR) [#]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) [#]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) [#]	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	mg/kg	TMS/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) [#]	<4	<4	<4	<4	<4	<4	<4	28	<4	<4	<4	mg/kg	TMS/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	<7	<7	<7	<7	<7	<7	<7	246	<7	<7	<7	mg/kg	TMS/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	<7	17	<7	<7	<7	64	<7	195	<7	<7	<7	mg/kg	TMS/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	<19	<19	<19	<19	<19	64	<19	469	<19	<19	<19	mg/kg	TMS/PM8/PM16/PM21/PM24
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38	<38	90	<38	1163	<38	<38	<38	mg/kg	TMS/PM8/PM16/PM21/PM24
MTBE [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Benzene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Toluene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Ethylbenzene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
m/p-Xylene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
o-Xylene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM36/PM12
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	6.9	16.5	15.3	12.4	6.1	13.7	19.4	14.6	16.7	2.8	<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	mg/kg	TM38/PM20
Hexavalent Chromium [#]	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) ^{#M}	0.0021	0.4770	0.0465	0.1673	0.1780	0.1510	0.0273	0.3409	0.0409	0.0609	<0.0015	g/l	TM38/PM20
Chromium III	48.9	54.7	38.6	50.5	28.0	53.7	73.2	55.8	46.1	12.1	<0.5	mg/kg	NONE/NONE
Total Cyanide ^{#M}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	mg/kg	TM89/PM45
Organic Matter	0.4	0.5	0.3	1.2	0.3	0.4	0.5	0.7	0.5	<0.2	<0.2	%	TM21/PM24
pH ^{#M}	12.55	10.73	8.81	9.76	10.58	11.91	8.05	11.41	7.94	11.80	<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay		None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown		None	PM13/PM0

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72		Please see attached notes for all abbreviations and acronyms		
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50				
COC No / misc													
Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021		LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) ^{#M}	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	mg/kg	TMS/PM8/PM16
>C12-C16 (EH_CU_1D_AL) ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	mg/kg	TMS/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	<7	<7	<7	<7	<7	<7	<7	<7	11		<7	mg/kg	TMS/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	<7	<7	<7	<7	<7	<7	<7	<7	87		<7	mg/kg	TMS/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	<19	<19	<19	<19	<19	<19	98		<19	mg/kg	TMS/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) [#]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) [#]	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1		<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) [#]	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2		<0.2	mg/kg	TMS/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) [#]	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	mg/kg	TMS/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	<7	<7	<7	<7	<7	<7	<7	35	13		<7	mg/kg	TMS/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	<7	<7	<7	<7	<7	<7	<7	97	93		<7	mg/kg	TMS/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	<19	<19	<19	<19	<19	<19	<19	132	106		<19	mg/kg	TMS/PM8/PM16/PM12/PM10
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38	<38	<38	<38	132	204		<38	mg/kg	TMS/PM8/PM16/PM12/PM10
MTBE [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Benzene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Toluene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Ethylbenzene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
m/p-Xylene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
o-Xylene [#]	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM36/PM12
Total Phenols HPLC	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15	<0.15		<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	5.1	8.5	18.7	14.6	3.6	2.7	6.3	7.4	11.0		<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6		<0.6	mg/kg	TM38/PM20
Hexavalent Chromium [#]	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3		<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) ^{#M}	0.1569	1.5812	0.1624	0.0288	0.0144	0.2460	0.0083	0.0285	0.1374		<0.0015	g/l	TM38/PM20
Chromium III	50.3	38.1	54.1	50.5	8.1	13.4	9.9	15.8	48.5		<0.5	mg/kg	NONE/NONE
Total Cyanide ^{#M}	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5		<0.5	mg/kg	TM89/PM45
Organic Matter	<0.2	1.0	0.5	0.5	<0.2	0.4	0.3	<0.2	1.8		<0.2	%	TM21/PM24
pH ^{#M}	11.12	8.10	7.74	7.32	10.02	10.30	9.26	9.56	9.01		<0.01	pH units	TM73/PM11
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand			None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown			None	PM13/PM0

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

Please see attached notes for all abbreviations and acronyms

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

SVOC Report : Solid

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72		Please see attached notes for all abbreviations and acronyms		
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50				
COC No / misc Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021		LOD/LOR	Units	Method No.
SVOC MS													
Phenols													
2-Chlorophenol ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4-Dichlorophenol ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Phenol ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Methylnaphthalene ^{#M}	<10	43	<10	<10	<10	<10	16	<10	64		<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100	<100	<100	<100	<100	<100	403		<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Dimethyl phthalate ^{#M}	<100	<100	<100	<100	<100	<100	<100	<100	<100		<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Bromophenylphenylether ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Carbazole	<10	30	<10	<10	<10	<10	16	<10	72		<10	ug/kg	TM16/PM8
Dibenzofuran ^{#M}	<10	16	<10	<10	<10	<10	<10	<10	61		<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Hexachlorobutadiene ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Isophorone ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Nitrobenzene ^{#M}	<10	<10	<10	<10	<10	<10	<10	<10	<10		<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	113	106	96	111	118	98	110	109	114		<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	111	107	93	101	110	97	111	101	116		<0	%	TM16/PM8

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

VOC Report : Solid

EMT Sample No.	1-3	4-6	10-12	13-16	17-20	21-24	25-27	28-30	35-37	42-45	Please see attached notes for all abbreviations and acronyms		
Sample ID	TP03	TP05	TP06	TP07	TP08	TP10	TP10	TP21	TP24	TP26			
Depth	0.30	0.40-0.60	0.30-0.40	0.30-0.40	0.30-0.50	0.25-0.40	0.60-0.80	0.10-0.20	0.25-0.40	0.30-0.50			
COC No / misc Containers	V T	V J	V J	V J	V T	V J	V J	V J	V J	V J			
Sample Date	29/07/2021	28/07/2021	29/07/2021	29/07/2021	29/07/2021	26/07/2021	26/07/2021	26/07/2021	28/07/2021	28/07/2021			
Sample Type	Clay	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021			
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
trans-1,2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1,2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
cis-1,3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
trans-1,3-Dichloropropene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	103	79	95	97	102	91	99	94	106	97	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	98	76	96	88	97	92	95	89	100	96	<0	%	TM15/PM10

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

VOC Report : Solid

EMT Sample No.	46-49	50-52	53-54	55-58	59-61	62-63	64-66	67-69	70-72		Please see attached notes for all abbreviations and acronyms		
Sample ID	TP28	WS03	WS03	WS04	WS05	WS06	WS16	WS17	WS18				
Depth	0.30-0.50	0.12-0.40	0.60-0.80	0.42-0.60	0.25-0.50	0.30-0.50	0.20-0.40	0.30-0.60	0.30-0.50				
COC No / misc Containers	V J T	V J	J	V J	J	J	V J	V J	V J				
Sample Date	29/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	27/07/2021	28/07/2021	28/07/2021	28/07/2021				
Sample Type	Clay	Clay	Clay	Clay	Clayey Sand	Clay	Clay	Clayey Sand	Clayey Sand				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021	03/08/2021		LOD/LOR	Units	Method No.
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1	<1	<1	<1	<1	<1	<1		<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
trans-1,2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
cis-1,2-Dichloroethene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	13	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
cis-1,3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3	<3	<3	6	<3	<3	<3		<3	ug/kg	TM15/PM10
trans-1,3-Dichloropropene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	4	<3	<3	<3	<3	<3	<3	3		<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5	<5	<5	5	<5	<5	<5		<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	16	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	52	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27	<27	<27	<27	<27	<27	<27		<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	101	91	110	99	111	112	102	103	95		<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	102	86	106	98	111	103	88	99	89		<0	%	TM15/PM10

Element Materials Technology

Job number:	21/11799	Method:	SVOC
Sample number:	2	Matrix:	Solid
Sample identity:	TP03		
Sample depth:	0.30		
Sample Type:	Clay		
Units:	ug/kg		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Element Materials Technology

Job number:	21/11799	Method:	SVOC
Sample number:	19	Matrix:	Solid
Sample identity:	TP08		
Sample depth:	0.30-0.50		
Sample Type:	Clay		
Units:	ug/kg		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Element Materials Technology

Job number:	21/11799	Method:	SVOC
Sample number:	23	Matrix:	Solid
Sample identity:	TP10		
Sample depth:	0.25-0.40		
Sample Type:	Clayey Sand		
Units:	ug/kg		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Element Materials Technology

Job number: 21/11799 **Method:** SVOC
Sample number: 29 **Matrix:** Solid
Sample identity: TP21
Sample depth: 0.10-0.20
Sample Type: Clay
Units: ug/kg

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
80655-44-3	Decahydro-4,4,8,9,10-pentamethylnaphthalene	8.483	84	352
112-40-3	Dodecane	8.832	95	2671
2131-42-2	Naphthalene, 1,4,6-trimethyl-	8.958	97	485
2245-38-7	Naphthalene, 1,6,7-trimethyl-	9.047	98	551
31295-56-4	Dodecane, 2,6,11-trimethyl-	9.141	83	888
2489-86-3	Naphthalene, 1-(2-propenyl)-	9.288	86	309
3892-00-0	Pentadecane, 2,6,10-trimethyl-	9.627	94	2095
295-17-0	Cyclotetradecane	9.664	81	864
33930-85-7	Benzene, (4,5,5-trimethyl-1,3-cyclopentadien-1-yl)-	9.709	84	526
629-59-4	Tetradecane	9.731	86	999
1921-70-6	Pentadecane, 2,6,10,14-tetramethyl-	9.916	91	6851
2136-70-1	Ethanol, 2-(tetradecyloxy)-	10.093	83	1222
7225-64-1	Heptadecane, 9-octyl-	10.401	91	6316
22768-22-5	2,4-Diphenyl-4-methyl-2(E)-pentene	10.445	96	2027
288246-53-7	Pyridine-3-carboxamide, oxime, N-(2-trifluoromethylphenyl)-	10.604	90	493
544-76-3	Hexadecane	10.781	95	4813
610-48-0	Anthracene, 1-methyl-	10.857	90	463
1000351-89-0	Hexatriacontyl pentafluoropropionate	10.874	84	647
89816-75-1	2,6-Dimethyldibenzothiophene	11.018	95	602
1207-15-4	2,8-Dimethyldibenzo(b,d)thiophene	11.111	95	1129
112-95-8	Eicosane	11.212	97	4422
18435-45-5	1-Nonadecene	11.279	83	1211
2789-88-0	di-p-Tolylacetylene	11.355	86	994
638-67-5	Tricosane	11.871	90	714
629-78-7	Heptadecane	12.039	95	1587
593-45-3	Octadecane	12.470	96	1051

Element Materials Technology

Method: SVOC

Matrix: Solid

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Element Materials Technology

Job number:	21/11799	Method:	SVOC
Sample number:	71	Matrix:	Solid
Sample identity:	WS18		
Sample depth:	0.30-0.50		
Sample Type:	Clayey Sand		
Units:	ug/kg		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Matrix : Solid

18 of 29

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

Note:

Asbestos Screen analysis is carried out in accordance with our documented in-house methods PM042 and TM065 and HSG 248 by Stereo and Polarised Light Microscopy using Dispersion Staining Techniques and is covered by our UKAS accreditation. Detailed Gravimetric Quantification and PCOM Fibre Analysis is carried out in accordance with our documented in-house methods PM042 and TM131 and HSG 248 using Stereo and Polarised Light Microscopy and Phase Contrast Optical Microscopy (PCOM). Samples are retained for not less than 6 months from the date of analysis unless specifically requested.

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/11799	1	TP03	0.30	3	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP05	0.40-0.60	6	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP06	0.30-0.40	12	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP07	0.30-0.40	16	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP08	0.30-0.50	20	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP10	0.25-0.40	24	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP10	0.60-0.80	27	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/11799	1	TP10	0.60-0.80	27	17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP21	0.10-0.20	30	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP24	0.25-0.40	37	17/08/2021	General Description (Bulk Analysis)	Soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP26	0.30-0.50	45	17/08/2021	General Description (Bulk Analysis)	soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	TP28	0.30-0.50	49	17/08/2021	General Description (Bulk Analysis)	soil/stones
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	WS03	0.12-0.40	52	17/08/2021	General Description (Bulk Analysis)	soil/stones
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	WS03	0.60-0.80	53	17/08/2021	General Description (Bulk Analysis)	Soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	WS04	0.42-0.60	58	17/08/2021	General Description (Bulk Analysis)	soil/stones
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	WS05	0.25-0.50	61	17/08/2021	General Description (Bulk Analysis)	Soil
					17/08/2021	Asbestos Fibres	NAD
					17/08/2021	Asbestos ACM	NAD
					17/08/2021	Asbestos Type	NAD
					17/08/2021	Asbestos Level Screen	NAD
21/11799	1	WS06	0.30-0.50	63	17/08/2021	General Description (Bulk Analysis)	Soil
					17/08/2021	Asbestos Fibres	NAD

Client Name:	EPS Ltd
Reference:	UK20.5052F
Location:	
Contact:	James Bowley

[illegible]

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

Matrix : Solid

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Analysis	Reason
21/11799	1	TP03	0.30	1-3	EPH	Sample holding time exceeded
21/11799	1	TP05	0.40-0.60	4-6	EPH, VOC	Sample holding time exceeded
21/11799	1	TP06	0.30-0.40	10-12	EPH	Sample holding time exceeded
21/11799	1	TP07	0.30-0.40	13-16	EPH	Sample holding time exceeded
21/11799	1	TP08	0.30-0.50	17-20	EPH	Sample holding time exceeded
21/11799	1	TP10	0.25-0.40	21-24	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP10	0.60-0.80	25-27	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP21	0.10-0.20	28-30	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	TP24	0.25-0.40	35-37	EPH, VOC	Sample holding time exceeded
21/11799	1	TP26	0.30-0.50	42-45	EPH, VOC	Sample holding time exceeded
21/11799	1	TP28	0.30-0.50	46-49	EPH	Sample holding time exceeded
21/11799	1	WS03	0.12-0.40	50-52	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS03	0.60-0.80	53-54	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS04	0.42-0.60	55-58	Cyanide, EPH, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS05	0.25-0.50	59-61	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS06	0.30-0.50	62-63	Cyanide, EPH, GRO, PAH, SVOC, VOC	Sample holding time exceeded
21/11799	1	WS16	0.20-0.40	64-66	EPH, VOC	Sample holding time exceeded
21/11799	1	WS17	0.30-0.60	67-69	EPH, VOC	Sample holding time exceeded
21/11799	1	WS18	0.30-0.50	70-72	EPH, VOC	Sample holding time exceeded

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating.
Only analyses which are accredited are recorded as deviating if set criteria are not met.

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention : James Bowley
Date : 23rd August, 2021
Your reference : UK20.5052F
Our reference : Test Report 21/12313 Batch 1
Location : Pfizer Havant
Date samples received : 12th August, 2021
Status : Final Report
Issue : 1

Seven samples were received for analysis on 12th August, 2021 of which seven were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley
EMT Job No: 21/12313

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	1-2	3-6	7	8	9	10	11				Please see attached notes for all abbreviations and acronyms		
Sample ID	BH7	BH9	BH7	BH7	BH9	BH9	BH9						
Depth	0.30-0.40	0.40-0.50	9.00	11.0	3.00	6.50	8.00						
COC No / misc													
Containers	V J	V J	T	T	T	J	T						
Sample Date	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021						
Sample Type	Clay	Silt	Clay	Clay	Clay	Clay	Clay						
Batch Number	1	1	1	1	1	1	1						
Date of Receipt	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021				LOD/LOR	Units	Method No.
Arsenic ^{#M}	3.1	3.9	-	-	-	-	-				<0.5	mg/kg	TM30/PM15
Cadmium ^{#M}	0.2	<0.1	-	-	-	-	-				<0.1	mg/kg	TM30/PM15
Chromium ^{#M}	125.9	51.0	-	-	-	-	-				<0.5	mg/kg	TM30/PM15
Copper ^{#M}	3	4	-	-	-	-	-				<1	mg/kg	TM30/PM15
Lead ^{#M}	9	<5	-	-	-	-	-				<5	mg/kg	TM30/PM15
Mercury ^{#M}	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM30/PM15
Nickel ^{#M}	7.9	6.0	-	-	-	-	-				<0.7	mg/kg	TM30/PM15
Selenium ^{#M}	<1	<1	-	-	-	-	-				<1	mg/kg	TM30/PM15
Sulphur as S	-	-	<0.01	0.06	<0.01	0.01	0.02				<0.01	%	TM30/PM15
Total Sulphate as SO4 ^{#M}	142	370	191	283	<50	226	204				<50	mg/kg	TM50/PM29
Zinc ^{#M}	14	17	-	-	-	-	-				<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene ^{#M}	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Acenaphthene ^{#M}	<0.05	<0.05	-	-	-	-	-				<0.05	mg/kg	TM4/PM8
Fluorene ^{#M}	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Phenanthrene ^{#M}	<0.03	0.06	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Anthracene [#]	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Fluoranthene ^{#M}	0.05	0.17	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Pyrene [#]	0.05	0.13	-	-	-	-	-				<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene [#]	<0.06	0.12	-	-	-	-	-				<0.06	mg/kg	TM4/PM8
Chrysene ^{#M}	0.03	0.09	-	-	-	-	-				<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene ^{#M}	<0.07	0.18	-	-	-	-	-				<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene [#]	<0.04	0.08	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene ^{#M}	<0.04	0.07	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene [#]	<0.04	<0.04	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene [#]	<0.04	0.06	-	-	-	-	-				<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	1.0	-	-	-	-	-				<0.6	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	0.13	-	-	-	-	-				<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	0.05	-	-	-	-	-				<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	96	95	-	-	-	-	-				<0	%	TM4/PM8
VOC TICs	ND	ND	-	-	-	-	-					None	TM15/PM10
Methyl Tertiary Butyl Ether [#]	<2	<2	-	-	-	-	-				<2	ug/kg	TM15/PM10
Benzene [#]	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
Toluene [#]	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
Ethylbenzene [#]	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
m/p-Xylene [#]	<5	<5	-	-	-	-	-				<5	ug/kg	TM15/PM10
o-Xylene [#]	<3	<3	-	-	-	-	-				<3	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	109	130	-	-	-	-	-				<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	96	111	-	-	-	-	-				<0	%	TM15/PM10
SVOC TICs	ND	ND	-	-	-	-	-					None	TM16/PM8

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley
EMT Job No: 21/12313

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	1-2	3-6	7	8	9	10	11				Please see attached notes for all abbreviations and acronyms		
Sample ID	BH7	BH9	BH7	BH7	BH9	BH9	BH9						
Depth	0.30-0.40	0.40-0.50	9.00	11.0	3.00	6.50	8.00						
COC No / misc													
Containers	V J	V J	T	T	T	J	T						
Sample Date	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021	28/07/2021						
Sample Type	Clay	Silt	Clay	Clay	Clay	Clay	Clay						
Batch Number	1	1	1	1	1	1	1						
Date of Receipt	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021	12/08/2021				LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) ^{#M}	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) ^{#M}	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) ^{#M}	<0.2	<0.2	-	-	-	-	-				<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) ^{#M}	<4	<4	-	-	-	-	-				<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	-	-	-	-	-				<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) [#]	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) [#]	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) ^{#M}	<0.1	<0.1	-	-	-	-	-				<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) [#]	<0.2	<0.2	-	-	-	-	-				<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) [#]	<4	<4	-	-	-	-	-				<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	<7	<7	-	-	-	-	-				<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	<19	<19	-	-	-	-	-				<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	<38	<38	-	-	-	-	-				<38	mg/kg	TM5/PM8/PM16/PM12/PM10
Total Phenols HPLC	<0.15	<0.15	-	-	-	-	-				<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	15.4	3.8	-	-	-	-	-				<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	-	-	-	-	-				<0.6	mg/kg	TM38/PM20
Hexavalent Chromium [#]	<0.3	<0.3	-	-	-	-	-				<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) ^{#M}	0.0515	0.0617	0.0187	0.0505	<0.0015	0.0242	0.0270				<0.0015	g/l	TM38/PM20
Chromium III	125.9	51.0	-	-	-	-	-				<0.5	mg/kg	NONE/NONE
Total Cyanide ^{#M}	<0.5	<0.5	-	-	-	-	-				<0.5	mg/kg	TM89/PM45
Organic Matter	<0.2	<0.2	-	-	-	-	-				<0.2	%	TM21/PM24
pH ^{#M}	7.75	9.12	8.45	8.31	9.06	8.70	8.45				<0.01	pH units	TM73/PM11
Sample Type	Clay	Silt	Clay	Clay	Clay	Clay	Clay					None	PM13/PM0
Sample Colour	Light Brown	Light Brown	Light Brown	Light Brown	Light Brown	Medium Brown	Light Brown					None	PM13/PM0
Other Items	stones and brick fragment	stones	sand and water	sand and water	stones and sand	stones and sand	stones and sand					None	PM13/PM0

Client Name: EPS Ltd
 Reference: UK20.5052F
 Location: Pfizer Havant
 Contact: James Bowley
 EMT Job No: 21/12313

VOC Report : Solid

EMT Sample No.	1-2	3-6									Please see attached notes for all abbreviations and acronyms		
Sample ID	BH7	BH9											
Depth	0.30-0.40	0.40-0.50											
COC No / misc													
Containers	V J	V J											
Sample Date	28/07/2021	28/07/2021											
Sample Type	Clay	Silt											
Batch Number	1	1									LOD/LOR	Units	Method No.
Date of Receipt	12/08/2021	12/08/2021											
VOC MS													
Dichlorodifluoromethane	<2	<2									<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2									<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3									<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2									<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1									<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2									<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2									<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6									<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7									<7	ug/kg	TM15/PM10
trans-1,2-Dichloroethene #	<3	<3									<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3									<3	ug/kg	TM15/PM10
cis-1,2-Dichloroethene #	<3	<3									<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4									<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3									<3	ug/kg	TM15/PM10
Chloroform #	<3	<3									<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3									<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3									<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4									<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4									<4	ug/kg	TM15/PM10
Benzene #	<3	<3									<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3									<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6									<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3									<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3									<3	ug/kg	TM15/PM10
cis-1,3-Dichloropropene	<4	<4									<4	ug/kg	TM15/PM10
Toluene #	<3	<3									<3	ug/kg	TM15/PM10
trans-1,3-Dichloropropene	<3	<3									<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3									<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3									<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3									<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3									<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3									<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3									<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3									<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3									<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5									<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3									<3	ug/kg	TM15/PM10
Styrene	<3	<3									<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3									<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3									<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3									<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2									<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4									<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4									<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3									<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3									<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3									<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5									<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6									<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4									<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4									<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4									<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4									<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4									<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4									<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4									<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7									<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4									<4	ug/kg	TM15/PM10
Naphthalene	<27	<27									<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7									<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	109	130									<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	96	111									<0	%	TM15/PM10

Matrix : Solid

6 of 14

Note:

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

[illegible]

Client Name: EPS Ltd
Reference: UK20.5052F
Location: Pfizer Havant
Contact: James Bowley

Matrix : Solid

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention : James Bowley
Date : 19th August, 2021
Your reference : UK20.5052F
Our reference : Test Report 21/11799 Batch 1
Location :
Date samples received : 3rd August, 2021
Status : Final report
Issue : 1

Three samples were received for analysis on 3rd August, 2021 of which three were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Hayley Prowse
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	7-9	31-34	38-41							Please see attached notes for all abbreviations and acronyms		
Sample ID	TP05	TP23	TP25									
Depth	1.50	0.30-0.60	0.30-0.50									
COC No / misc												
Containers	V J	V J	V J									
Sample Date	29/07/2021	26/07/2021	29/07/2021									
Sample Type	Clay	Clay	Clayey Sand									
Batch Number	1	1	1									
Date of Receipt	03/08/2021	03/08/2021	03/08/2021							LOD/LOR	Units	Method No.
Arsenic ^{#M}	6.2	5.8	10.4							<0.5	mg/kg	TM30/PM15
Cadmium ^{#M}	0.6	0.2	0.4							<0.1	mg/kg	TM30/PM15
Chromium ^{#M}	84.3	53.2	43.5							<0.5	mg/kg	TM30/PM15
Copper ^{#M}	9	13	15							<1	mg/kg	TM30/PM15
Lead ^{#M}	13	24	107							<5	mg/kg	TM30/PM15
Mercury ^{#M}	<0.1	<0.1	<0.1							<0.1	mg/kg	TM30/PM15
Nickel ^{#M}	21.4	10.7	7.5							<0.7	mg/kg	TM30/PM15
Selenium ^{#M}	<1	<1	<1							<1	mg/kg	TM30/PM15
Total Sulphate as SO4 ^{#M}	125	4481	3812							<50	mg/kg	TM50/PM29
Zinc ^{#M}	35	46	72							<5	mg/kg	TM30/PM15
PAH MS												
Naphthalene ^{#M}	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	0.13	<0.03							<0.03	mg/kg	TM4/PM8
Acenaphthene ^{#M}	<0.05	0.29	<0.05							<0.05	mg/kg	TM4/PM8
Fluorene ^{#M}	<0.04	0.29	<0.04							<0.04	mg/kg	TM4/PM8
Phenanthrene ^{#M}	<0.03	4.11	0.09							<0.03	mg/kg	TM4/PM8
Anthracene #	<0.04	1.24	<0.04							<0.04	mg/kg	TM4/PM8
Fluoranthene ^{#M}	<0.03	5.33	0.12							<0.03	mg/kg	TM4/PM8
Pyrene #	<0.03	5.14	0.10							<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene #	<0.06	2.08	<0.06							<0.06	mg/kg	TM4/PM8
Chrysene ^{#M}	<0.02	2.42	0.04							<0.02	mg/kg	TM4/PM8
Benzo(bk)fluoranthene ^{#M}	<0.07	3.67	<0.07							<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene #	<0.04	2.07	<0.04							<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene ^{#M}	<0.04	1.30	<0.04							<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene #	<0.04	0.33	<0.04							<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene #	<0.04	1.24	<0.04							<0.04	mg/kg	TM4/PM8
Coronene	<0.04	0.26	<0.04							<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	29.6	<0.6							<0.6	mg/kg	TM4/PM8
PAH 17 Total	<0.64	29.90	<0.64							<0.64	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	2.64	<0.05							<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	1.03	<0.02							<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	96	91	89							<0	%	TM4/PM8
VOC TICs	ND	ND	ND								None	TM15/PM10
SVOC TICs	ND	See Attached	ND								None	TM16/PM8
Mineral Oil (C10-C40) (EH_CU_1D_AL)	<30	242	<30							<30	mg/kg	TM5/PM8/PM16

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

EMT Sample No.	7-9	31-34	38-41								Please see attached notes for all abbreviations and acronyms		
Sample ID	TP05	TP23	TP25										
Depth	1.50	0.30-0.60	0.30-0.50										
COC No / misc													
Containers	V J	V J	V J										
Sample Date	29/07/2021	26/07/2021	29/07/2021										
Sample Type	Clay	Clay	Clayey Sand										
Batch Number	1	1	1										
Date of Receipt	03/08/2021	03/08/2021	03/08/2021								LOD/LOR	Units	Method No.
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) ^{#M}	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>C6-C8 (HS_1D_AL) ^{#M}	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>C10-C12 (EH_CU_1D_AL) ^{#M}	<0.2	<0.2	<0.2								<0.2	mg/kg	TM5/PM8/PM16
>C12-C16 (EH_CU_1D_AL) ^{#M}	<4	<4	<4								<4	mg/kg	TM5/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	<7	20	<7								<7	mg/kg	TM5/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	<7	174	<7								<7	mg/kg	TM5/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	194	<19								<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Aromatics													
>C5-EC7 (HS_1D_AR) [#]	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>EC7-EC8 (HS_1D_AR) [#]	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) ^{#M}	<0.1	<0.1	<0.1								<0.1	mg/kg	TM36/PM12
>EC10-EC12 (EH_CU_1D_AR) [#]	<0.2	<0.2	<0.2								<0.2	mg/kg	TM5/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) [#]	<4	<4	<4								<4	mg/kg	TM5/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	<7	37	<7								<7	mg/kg	TM5/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	<7	274	<7								<7	mg/kg	TM5/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	<19	311	<19								<19	mg/kg	TM5/PM8/PM16/PM12/PM10
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	<38	505	<38								<38	mg/kg	TM5/PM8/PM16/PM12/PM10
MTBE [#]	<5	<5	<5								<5	ug/kg	TM36/PM12
Benzene [#]	<5	<5	<5								<5	ug/kg	TM36/PM12
Toluene [#]	<5	<5	<5								<5	ug/kg	TM36/PM12
Ethylbenzene [#]	<5	<5	<5								<5	ug/kg	TM36/PM12
m/p-Xylene [#]	<5	<5	<5								<5	ug/kg	TM36/PM12
o-Xylene [#]	<5	<5	<5								<5	ug/kg	TM36/PM12
PCB 28 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 52 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 101 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 118 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 138 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 153 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
PCB 180 [#]	<5	<5	<5								<5	ug/kg	TM17/PM8
Total 7 PCBs [#]	<35	<35	<35								<35	ug/kg	TM17/PM8
Total Phenols HPLC	<0.15	<0.15	<0.15								<0.15	mg/kg	TM26/PM21B
Natural Moisture Content	10.7	16.2	11.8								<0.1	%	PM4/PM0
Ammoniacal Nitrogen as N	<0.6	<0.6	<0.6								<0.6	mg/kg	TM38/PM20
Hexavalent Chromium [#]	<0.3	<0.3	<0.3								<0.3	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) ^{#M}	0.0109	0.2658	0.1080								<0.0015	g/l	TM38/PM20

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

Report : Solid

Solids: V=60g VOC jar, J=250g glass jar, T=plastic tub

[illegible]

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

SVOC Report : Solid

EMT Sample No.	7-9	31-34	38-41								Please see attached notes for all abbreviations and acronyms		
Sample ID	TP05	TP23	TP25										
Depth	1.50	0.30-0.60	0.30-0.50										
COC No / misc													
Containers	V J	V J	V J										
Sample Date	29/07/2021	26/07/2021	29/07/2021										
Sample Type	Clay	Clay	Clayey Sand										
Batch Number	1	1	1										
Date of Receipt	03/08/2021	03/08/2021	03/08/2021								LOD/LOR	Units	Method No.
SVOC MS													
Phenols													
2-Chlorophenol ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Methylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Nitrophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4-Dichlorophenol ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4-Dimethylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4,5-Trichlorophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4,6-Trichlorophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Chloro-3-methylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Methylphenol	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Nitrophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
Pentachlorophenol	<10	<10	<10								<10	ug/kg	TM16/PM8
Phenol ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
PAHs													
2-Chloronaphthalene ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Methylnaphthalene ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
Phthalates													
Bis(2-ethylhexyl) phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Butylbenzyl phthalate	<100	<100	153								<100	ug/kg	TM16/PM8
Di-n-butyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Di-n-Octyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Diethyl phthalate	<100	<100	<100								<100	ug/kg	TM16/PM8
Dimethyl phthalate ^{#M}	<100	<100	<100								<100	ug/kg	TM16/PM8
Other SVOCs													
1,2-Dichlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
1,2,4-Trichlorobenzene ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
1,3-Dichlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
1,4-Dichlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
2-Nitroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
2,4-Dinitrotoluene	<10	<10	<10								<10	ug/kg	TM16/PM8
2,6-Dinitrotoluene	<10	<10	<10								<10	ug/kg	TM16/PM8
3-Nitroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Bromophenylphenylether ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Chloroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Chlorophenylphenylether	<10	<10	<10								<10	ug/kg	TM16/PM8
4-Nitroaniline	<10	<10	<10								<10	ug/kg	TM16/PM8
Azobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
Bis(2-chloroethoxy)methane	<10	<10	<10								<10	ug/kg	TM16/PM8
Bis(2-chloroethyl)ether	<10	<10	<10								<10	ug/kg	TM16/PM8
Carbazole	<10	36	<10								<10	ug/kg	TM16/PM8
Dibenzofuran ^{#M}	<10	16	<10								<10	ug/kg	TM16/PM8
Hexachlorobenzene	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachlorobutadiene ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachlorocyclopentadiene	<10	<10	<10								<10	ug/kg	TM16/PM8
Hexachloroethane	<10	<10	<10								<10	ug/kg	TM16/PM8
Isophorone ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
N-nitrosodi-n-propylamine ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
Nitrobenzene ^{#M}	<10	<10	<10								<10	ug/kg	TM16/PM8
Surrogate Recovery 2-Fluorobiphenyl	104	108	110								<0	%	TM16/PM8
Surrogate Recovery p-Terphenyl-d14	93	110	105								<0	%	TM16/PM8

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley
EMT Job No: 21/11799

VOC Report : Solid

EMT Sample No.	7-9	31-34	38-41								Please see attached notes for all abbreviations and acronyms		
Sample ID	TP05	TP23	TP25										
Depth	1.50	0.30-0.60	0.30-0.50										
COC No / misc													
Containers	V J	V J	V J										
Sample Date	29/07/2021	26/07/2021	29/07/2021										
Sample Type	Clay	Clay	Clayey Sand										
Batch Number	1	1	1								LOD/LOR	Units	Method No.
Date of Receipt	03/08/2021	03/08/2021	03/08/2021										
VOC MS													
Dichlorodifluoromethane	<2	<2	<2								<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether #	<2	<2	<2								<2	ug/kg	TM15/PM10
Chloromethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Vinyl Chloride	<2	<2	<2								<2	ug/kg	TM15_A/PM10
Bromomethane	<1	<1	<1								<1	ug/kg	TM15/PM10
Chloroethane #	<2	<2	<2								<2	ug/kg	TM15/PM10
Trichlorofluoromethane #	<2	<2	<2								<2	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) #	<6	<6	<6								<6	ug/kg	TM15/PM10
Dichloromethane (DCM) #	<7	<7	<7								<7	ug/kg	TM15/PM10
trans-1-2-Dichloroethene #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1-Dichloroethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
cis-1-2-Dichloroethene #	<3	<3	<3								<3	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4								<4	ug/kg	TM15/PM10
Bromochloromethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Chloroform #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1,1-Trichloroethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1-Dichloropropene #	<3	<3	<3								<3	ug/kg	TM15/PM10
Carbon tetrachloride #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2-Dichloroethane #	<4	<4	<4								<4	ug/kg	TM15/PM10
Benzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
Trichloroethene (TCE) #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,2-Dichloropropane #	<6	<6	<6								<6	ug/kg	TM15/PM10
Dibromomethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Bromodichloromethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
cis-1-3-Dichloropropene	<4	<4	<4								<4	ug/kg	TM15/PM10
Toluene #	<3	<3	<3								<3	ug/kg	TM15/PM10
trans-1-3-Dichloropropene	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1,2-Trichloroethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Tetrachloroethene (PCE) #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,3-Dichloropropane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Dibromochloromethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,2-Dibromoethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Chlorobenzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Ethylbenzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
m/p-Xylene #	<5	<5	<5								<5	ug/kg	TM15/PM10
o-Xylene #	<3	<3	<3								<3	ug/kg	TM15/PM10
Styrene	<3	<3	<3								<3	ug/kg	TM15_A/PM10
Bromoform	<3	<3	<3								<3	ug/kg	TM15/PM10
Isopropylbenzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane #	<3	<3	<3								<3	ug/kg	TM15/PM10
Bromobenzene	<2	<2	<2								<2	ug/kg	TM15/PM10
1,2,3-Trichloropropane #	<4	<4	<4								<4	ug/kg	TM15/PM10
Propylbenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
2-Chlorotoluene	<3	<3	<3								<3	ug/kg	TM15/PM10
1,3,5-Trimethylbenzene #	<3	<3	<3								<3	ug/kg	TM15/PM10
4-Chlorotoluene	<3	<3	<3								<3	ug/kg	TM15/PM10
tert-Butylbenzene #	<5	<5	<5								<5	ug/kg	TM15/PM10
1,2,4-Trimethylbenzene #	<6	<6	<6								<6	ug/kg	TM15/PM10
sec-Butylbenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
4-Isopropyltoluene #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,3-Dichlorobenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,4-Dichlorobenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
n-Butylbenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2-Dichlorobenzene #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2-Dibromo-3-chloropropane #	<4	<4	<4								<4	ug/kg	TM15/PM10
1,2,4-Trichlorobenzene	<7	<7	<7								<7	ug/kg	TM15/PM10
Hexachlorobutadiene	<4	<4	<4								<4	ug/kg	TM15/PM10
Naphthalene	<27	<27	<27								<27	ug/kg	TM15/PM10
1,2,3-Trichlorobenzene	<7	<7	<7								<7	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	100	87	95								<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	101	83	91								<0	%	TM15/PM10

Element Materials Technology

Job number:	21/11799	Method:	SVOC
Sample number:	33	Matrix:	Solid
Sample identity:	TP23		
Sample depth:	0.30-0.60		
Sample Type:	Clay		
Units:	ug/kg		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	9.5
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	91.3
Particle Size <4mm =	>95%		
EMT Job No	21/11799	Landfill Waste Acceptance Criteria Limits	
Sample No	9		
Client Sample No	TP05		
Depth/Other	1.50		
Sample Date	29/07/2021		
Batch No	1		
Solid Waste Analysis		Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill
Total Organic Carbon (%)	0.10	3	5
Loss on Ignition (%)	2.1	-	10
Sum of BTEX (mg/kg)	<0.025	6	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	<30	500	-
PAH Sum of 17(mg/kg)	<0.64	100	-
pH (pH Units)	8.41	-	>6
ANC to pH 7 (mol/kg)	-	-	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated
Eluate Analysis	10:1 conc ⁿ leached		Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg
	C ₁₀ mg/l	A ₁₀ mg/kg	
Arsenic	<0.0025	<0.025	0.5
Barium	<0.003	<0.03	20
Cadmium	<0.0005	<0.005	0.04
Chromium	<0.0015	<0.015	0.5
Copper	<0.007	<0.07	2
Mercury	<0.001	<0.01	0.01
Molybdenum	<0.002	<0.02	0.5
Nickel	<0.002	<0.02	0.4
Lead	<0.005	<0.05	0.5
Antimony	<0.002	<0.02	0.06
Selenium	<0.003	<0.03	0.1
Zinc	0.003	<0.03	4
Chloride	0.7	7	800
Fluoride	<0.3	<3	10
Sulphate as SO ₄	3.0	30	1000
Total Dissolved Solids	42	420	4000
Phenol	<0.01	<0.1	1
Dissolved Organic Carbon	6	60	500

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	17.8
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	84.9
Particle Size <4mm =	>95%		
EMT Job No	21/11799	Landfill Waste Acceptance Criteria Limits	
Sample No	34		
Client Sample No	TP23		
Depth/Other	0.30-0.60		
Sample Date	26/07/2021		
Batch No	1		
Solid Waste Analysis		Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill
Total Organic Carbon (%)	0.49	3	5
Loss on Ignition (%)	4.3	-	10
Sum of BTEX (mg/kg)	<0.025	6	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	242	500	-
PAH Sum of 17(mg/kg)	29.90	100	-
pH (pH Units)	11.23	-	>6
ANC to pH 7 (mol/kg)	-	-	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated
Eluate Analysis	10:1 conc ⁿ leached		Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg
	C ₁₀ mg/l	A ₁₀ mg/kg	
Arsenic	<0.0025	<0.025	0.5
Barium	0.011	0.11	20
Cadmium	<0.0005	<0.005	0.04
Chromium	0.0053	0.053	0.5
Copper	<0.007	<0.07	2
Mercury	<0.001	<0.01	0.01
Molybdenum	<0.002	<0.02	0.5
Nickel	<0.002	<0.02	0.4
Lead	<0.005	<0.05	0.5
Antimony	<0.002	<0.02	0.06
Selenium	<0.003	<0.03	0.1
Zinc	<0.003	<0.03	4
Chloride	1.3	13	800
Fluoride	<0.3	<3	10
Sulphate as SO ₄	62.3	623	1000
Total Dissolved Solids	246	2460	4000
Phenol	<0.01	<0.1	1
Dissolved Organic Carbon	6	60	500

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	7.2
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	93.3
Particle Size <4mm =	>95%		
EMT Job No	21/11799	Landfill Waste Acceptance Criteria Limits	
Sample No	41		
Client Sample No	TP25		
Depth/Other	0.30-0.50		
Sample Date	29/07/2021		
Batch No	1		
Solid Waste Analysis		Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill
Total Organic Carbon (%)	0.43	3	5
Loss on Ignition (%)	4.7	-	10
Sum of BTEX (mg/kg)	<0.025	6	-
Sum of 7 PCBs (mg/kg)	<0.035	1	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	<30	500	-
PAH Sum of 17(mg/kg)	<0.64	100	-
pH (pH Units)	12.07	-	>6
ANC to pH 7 (mol/kg)	-	-	to be evaluated
ANC to pH 4 (mol/kg)	-	-	to be evaluated
Eluate Analysis	10:1 conc ⁿ leached		Limit values for compliance leaching test using BS EN 12457-2 at L/S 10 l/kg
	C ₁₀ mg/l	A ₁₀ mg/kg	
Arsenic	<0.0025	<0.025	0.5
Barium	0.161	1.61	20
Cadmium	<0.0005	<0.005	0.04
Chromium	0.0228	0.228	0.5
Copper	<0.007	<0.07	2
Mercury	<0.001	<0.01	0.01
Molybdenum	0.004	0.04	0.5
Nickel	<0.002	<0.02	0.4
Lead	0.021	0.21	0.5
Antimony	<0.002	<0.02	0.06
Selenium	<0.003	<0.03	0.1
Zinc	<0.003	<0.03	4
Chloride	4.1	41	800
Fluoride	<0.3	<3	10
Sulphate as SO ₄	22.0	220	1000
Total Dissolved Solids	395	3952	4000
Phenol	<0.01	<0.1	1
Dissolved Organic Carbon	9	90	500

Matrix : Solid

11 of 20

Note:

Opinions, including ACM type and Asbestos level less than 0.1%, lie outside the scope of our UKAS accreditation.

Where the sample is not taken by a Element Materials Technology consultant, Element Materials Technology cannot be responsible for inaccurate or unrepresentative sampling.

QF-PM 3.1.15 v10

Client Name: EPS Ltd
Reference: UK20.5052F
Location:
Contact: James Bowley

Matrix : Solid

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention : Michael Judson
Date : 18th August, 2021
Your reference : UK20.5052f
Our reference : Test Report 21/12297 Batch 1
Location : Pfizer Havant
Date samples received : 12th August, 2021
Status : Final report
Issue : 1

Three samples were received for analysis on 12th August, 2021 of which three were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Paul Boden BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/12297

Report : Gas

[illegible]

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS04
Depth:
EMT Job No: 21/12297
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2394 0.45
Sample Train Serial number: ST-161

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		178	335.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		48	114	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		19	47	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		167	492	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS04
Depth:
EMT Job No: 21/12297
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2394 0.45
Sample Train Serial number: ST-161

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		7.8	29.4	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		85.7	581.3	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		1.9	8.3	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		5.2	31	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		0.4	2.1	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		513	1640.5				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		31	103	<10	<10	<33	<33
	100	Aliphatic >C6-C8		32	131	<10	<10	<41	<41
	130	Aliphatic >C8-C10		87	463	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS03
Depth:
EMT Job No: 21/12297
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2395 0.45
Sample Train Serial number: ST-119

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		156	293.9	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		19	45	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		11	27	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		90	265	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		2.9	15.8	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS03
Depth:
EMT Job No: 21/12297
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2395 0.45
Sample Train Serial number: ST-119

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		3.9	21	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		6	22.6	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		38.1	258.4	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		1.8	7.8	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		16.7	100	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		0.35	1.8	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		345.75	1058.3				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		11	36	<10	<10	<33	<33
	100	Aliphatic >C6-C8		13	53	<10	<10	<41	<41
	130	Aliphatic >C8-C10		58	308	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS05
Depth:
EMT Job No: 21/12297
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2399 0.45
Sample Train Serial number: ST-106

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		231	435.2	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		34	81	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		18	44	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		5.5	17.1	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		146	431	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 10 Aug 2021
Date of Receipt: 12 Aug 2021
Date Analysed: 17 Aug 2021

Sample ID: WS05
Depth:
EMT Job No: 21/12297
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 2399 0.45
Sample Train Serial number: ST-106

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		7.5	28.3	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		2.1	14.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		1.7	7.4	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		6.8	41	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		452.6	1099.2				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		29	96	<10	<10	<33	<33
	100	Aliphatic >C6-C8		50	204	<10	<10	<41	<41
	130	Aliphatic >C8-C10		69	367	<10	<10	<53	<53

Element Materials Technology

Job number:	21/12297	Method:	VOC
Sample number:	1	Matrix:	Gas
Sample identity:	WS04		
Sample depth:			
Sample Type:	Gas		
Units:	ppbv		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Element Materials Technology

Job number:	21/12297	Method:	VOC
Sample number:	2	Matrix:	Gas
Sample identity:	WS03		
Sample depth:			
Sample Type:	Gas		
Units:	ppbv		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Element Materials Technology

Job number:	21/12297	Method:	VOC
Sample number:	3	Matrix:	Gas
Sample identity:	WS05		
Sample depth:			
Sample Type:	Gas		
Units:	ppbv		

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Matrix : Gas

QF-PM 3.1.7 v10

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention :	Michael Judson
Date :	24th May, 2021
Your reference :	UK20.5052E
Our reference :	Test Report 21/7441 Batch 1
Location :	Pfizer Havant
Date samples received :	19th May, 2021
Status :	Final report
Issue :	1

Six samples were received for analysis on 19th May, 2021 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:

Paul Boden BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/7441

Report : Gas

[illegible]

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS01
Depth:
EMT Job No: 21/7441
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1040 0.55
Sample Train Serial number: ST-243

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		34	81	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		7	21	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS01
Depth:
EMT Job No: 21/7441
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1040 0.55
Sample Train Serial number: ST-243

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		1.6	7.4	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		4.9	18.5	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		2.5	17	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		2.9	12.6	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		54.4	157.5				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		91%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		11	45	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS02
Depth:
EMT Job No: 21/7441
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1003 0.55
Sample Train Serial number: ST-240

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		15	36	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		7	21	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		1.7	9.3	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS02
Depth:
EMT Job No: 21/7441
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1003 0.55

Sample Train Serial number: ST-240

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		3.3	12.4	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		3.2	21.7	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		30.2	100.4				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		91%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		10	53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS07
Depth:
EMT Job No: 21/7441
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1017 0.55
Sample Train Serial number: ST-239

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		13	31	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		3	11.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		5	15	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS07
Depth:
EMT Job No: 21/7441
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1017 0.55

Sample Train Serial number: ST-239

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		3	16.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		3	11.3	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		5.7	38.7	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		32.7	124				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS08
Depth:
EMT Job No: 21/7441
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1180 0.55
Sample Train Serial number: ST-242

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		23	55	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		10	29	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS08
Depth:
EMT Job No: 21/7441
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1180 0.55
Sample Train Serial number: ST-242

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		3.2	12.1	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		1.7	11.5	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		43.9	107.6				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		15	61	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS09
Depth:
EMT Job No: 21/7441
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 159 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		14	33	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		7	21	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS09
Depth:
EMT Job No: 21/7441
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 159 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		9.5	51.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		3	11.3	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		33.5	116.4				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		12	49	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS10
Depth:
EMT Job No: 21/7441
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-262

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		24	57	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		9	27	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		6	18	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 17 May 2021
Date of Receipt: 19 May 2021
Date Analysed: 21 May 2021

Sample ID: WS10
Depth:
EMT Job No: 21/7441
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-262

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		3.6	13.6	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		42.6	115.6				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		92%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		11	36	<10	<10	<33	<33
	100	Aliphatic >C6-C8		14	57	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Method: VOC

Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Client Name: EPS Ltd
Reference: UK20.5052E
Location: Pfizer Havant
Contact: Michael Judson

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention :	Michael Judson
Date :	3rd June, 2021
Your reference :	UK20.5052e
Our reference :	Test Report 21/7891 Batch 1
Location :	Pfizer Havant
Date samples received :	26th May, 2021
Status :	Final report
Issue :	1

Five samples were received for analysis on 26th May, 2021 of which five were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.
All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Simon Gomery BSc
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson
EMT Job No: 21/7891

Report : Gas

[illegible]

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS11
Depth:
EMT Job No: 21/7891
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1183 0.55
Sample Train Serial number: ST-124

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		7	17	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		1.6	5	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS11
Depth:
EMT Job No: 21/7891
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1183 0.55
Sample Train Serial number: ST-124

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		2	7.5	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		10.6	29.5				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		95%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Canister Serial number: V 1183 0.55
Sample Train Serial number: ST-124

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

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Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS12
Depth:
EMT Job No: 21/7891
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-236

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		12	29	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		2	6.2	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS12
Depth:
EMT Job No: 21/7891
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-236

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		1.7	6.4	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		15.7	41.6				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		94%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS13
Depth:
EMT Job No: 21/7891
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 670 0.55
Sample Train Serial number: ST-258

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		2.1	4.3	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		2.3	5.3	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		641	1207.8	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		2.6	6	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		138	328	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		12	29	<6	<6	<15	<15
109-66-0	72.15	Pentane		3.3	9.7	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		18	53	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		2.6	9.2	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS13
Depth:
EMT Job No: 21/7891
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 670 0.55
Sample Train Serial number: ST-258

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		11	41.4	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		1.5	6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		2.3	10	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		9.7	42.1	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		9.9	43	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		2.4	11.8	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		1.6	7.9	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		3.2	15.7	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		0.45	2.4	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		863.95	1832.7				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		95%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		47	156	<10	<10	<33	<33
	100	Aliphatic >C6-C8		12	49	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS14
Depth:
EMT Job No: 21/7891
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20176 0.55
Sample Train Serial number: ST-259

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		4.7	10.8	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		11	26	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		5.1	15.9	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		3	12	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS14
Depth:
EMT Job No: 21/7891
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20176 0.55
Sample Train Serial number: ST-259

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		2.9	15.6	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		1.6	6	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		28.3	86.3				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		82%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS15
Depth:
EMT Job No: 21/7891
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20175 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		<100	<188.4	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		12	29	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		<6	<15	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		3	9	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 21 May 2021
Date of Receipt: 26 May 2021
Date Analysed: 1 Jun 2021

Sample ID: WS15
Depth:
EMT Job No: 21/7891
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 20175 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		3	11.3	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		18	49.3				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		78%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Method: VOC

Matrix: Gas

Note: Only samples with TICs (if requested) are reported. If TICs were requested but no compounds found they are not reported.

[illegible]

Client Name: EPS Ltd
Reference: UK20.5052e
Location: Pfizer Havant
Contact: Michael Judson

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention :	Michael Judson
Date :	24th September, 2021
Your reference :	UK20.5052f
Our reference :	Test Report 21/14463 Batch 1
Location :	Pfizer Havant
Date samples received :	17th September, 2021
Status :	Final report
Issue :	1

Six samples were received for analysis on 17th September, 2021 of which six were scheduled for analysis. Please find attached our Test Report which should be read with notes at the end of the report and should include all sections if reproduced. Interpretations and opinions are outside the scope of any accreditation, and all results relate only to samples supplied.

All analysis is carried out on as received samples and reported on a dry weight basis unless stated otherwise. Results are not surrogate corrected.

Authorised By:



Simon Gomery BSc

Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS06
Depth:
EMT Job No: 21/14463
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1176 0.55
Sample Train Serial number: ST-265

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		144	271.3	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		26	62	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		12	29	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		9	27	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		1.6	5.6	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		2	10.9	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS06
Depth:
EMT Job No: 21/14463
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1176 0.55
Sample Train Serial number: ST-265

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		100.2	377.5	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		50.3	341.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		2.4	10.4	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		347.5	1134.9				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		89%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Canister Serial number: V 1176 0.55
Sample Train Serial number: ST-265

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

MDL	Method Detection Limit
RL	Reporting Limit
#	ISO 17025 (UKAS) accredited

QF-PM 3.1.13 v6 Please include all sections of this report if it is reproduced 5 of 26

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS19
Depth:
EMT Job No: 21/14463
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1154 0.55
Sample Train Serial number: ST-270

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		232	437.1	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		36	86	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		15	37	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		1.6	5.6	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS19
Depth:
EMT Job No: 21/14463
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1154 0.55
Sample Train Serial number: ST-270

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene	>>	1748.6	6588.7	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		2.1	9.1	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		2035.3	7163.5				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		91%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS20
Depth:
EMT Job No: 21/14463
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1237 0.55
Sample Train Serial number: ST-264

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		216	407	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		16	38	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		14	34	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS20
Depth:
EMT Job No: 21/14463
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1237 0.55
Sample Train Serial number: ST-264

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		675.4	2544.9	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		921.4	3023.9				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		88%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS21
Depth:
EMT Job No: 21/14463
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1220 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		134	252.5	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		25	59	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		14	34	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS21
Depth:
EMT Job No: 21/14463
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1220 0.55
Sample Train Serial number: ST-260

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		2	7.5	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		175	353				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		89%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS23
Depth:
EMT Job No: 21/14463
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-275

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		153	288.3	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		20	48	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		11	27	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		<1.5	<7.3	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: WS23
Depth:
EMT Job No: 21/14463
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1043 0.55
Sample Train Serial number: ST-275

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		481.5	1814.3	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		3.6	15.6	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		669.1	2193.2				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		91%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: TP26
Depth:
EMT Job No: 21/14463
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT ppbv	RESULT ug/m ³	RL ppbv	MDL ppbv	RL ug/m ³	MDL ug/m ³
75-45-6	86.77	Chlorodifluoromethane (HCFC-22)		<2	<7	<2	<2	<7	<7
75-71-8	120.91	Dichlorodifluoromethane (F-12)		<2.5	<12.4	<2.5	<2.5	<12.4	<12.4
74-87-3	50.49	Chloromethane		<1.5	<3.1	<1.5	<1.5	<3.1	<3.1
76-14-2	170.92	1,2-Dichlorotetrafluoroethane (F-114)		<1.5	<10.5	<1.5	<1.5	<10.5	<10.5
115-11-7	56.12	Isobutene		<1.5	<3.4	<1.5	<1.5	<3.4	<3.4
106-99-0	54.09	1,3-Butadiene		<1.5	<3.3	<1.5	<1.5	<3.3	<3.3
74-83-9	94.95	# Bromomethane		<1.5	<5.8	<1.5	<1.5	<5.8	<5.8
75-00-3	64.52	# Chloroethane		<1.5	<4	<1.5	<1.5	<4	<4
64-17-5	46.07	Ethanol		270	508.7	<100	<100	<188.4	<188.4
75-05-8	41.05	Acetonitrile		<1.5	<2.5	<1.5	<1.5	<2.5	<2.5
107-02-8	56.06	Acrolein		<2.5	<5.7	<2.5	<2.5	<5.7	<5.7
	58.08	Acetone + Propanal		24	57	<6	<6	<14	<14
75-69-4	137.36	# Trichlorofluoromethane (F-11)		<1.5	<8.4	<1.5	<1.5	<8.4	<8.4
67-63-0	60.09	2-Propanol		13	32	<6	<6	<15	<15
109-66-0	72.15	Pentane		<1.5	<4.4	<1.5	<1.5	<4.4	<4.4
78-79-5	68.12	Isoprene		<2	<6	<2	<2	<6	<6
74-88-4	141.94	Methyl Iodide		<1.5	<8.7	<1.5	<1.5	<8.7	<8.7
75-35-4	96.95	# 1,1-Dichloroethene (1,1 DCE)		<1.5	<5.9	<1.5	<1.5	<5.9	<5.9
75-09-2	84.94	# Methylene Chloride		<14.4	<50	<14.4	<14.4	<50	<50
76-13-1	187.37	# Trichlorotrifluoroethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
75-15-0	76.14	Carbon Disulfide		<1.5	<4.7	<1.5	<1.5	<4.7	<4.7
71-23-8	60.09	1-Propanol		<1.5	<3.7	<1.5	<1.5	<3.7	<3.7
78-85-3	70.09	Methylacrolein		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
75-34-3	98.97	# 1,1-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
287-92-3	70.14	Cyclopentane		<1.5	<4.3	<1.5	<1.5	<4.3	<4.3
78-94-4	70.09	Methyl Vinyl Ketone		<1.6	<4.6	<1.6	<1.6	<4.6	<4.6
1634-04-4	88.15	Methyl tertiary butyl ether		<1.5	<5.4	<1.5	<1.5	<5.4	<5.4
108-05-4	86.09	Vinyl Acetate		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
123-72-8	72.11	Butanal		<2	<6	<2	<2	<6	<6
78-93-3	72.1	2-Butanone (MEK)		<2	<6	<2	<2	<6	<6
156-59-2	96.94	# cis-1,2-Dichloroethene		<1	<4	<1	<1	<4	<4
110-54-3	86.17	Hexane		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
67-66-3	119.39	# Chloroform		3.3	16.1	<1.5	<1.5	<7.3	<7.3
107-06-2	98.96	# 1,2-Dichloroethane		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
71-55-6	133.42	# 1,1,1-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
71-36-3	74.12	1-Butanol		<3	<9	<3	<3	<9	<9
71-43-2	78.11	# Benzene		<1.5	<4.8	<1.5	<1.5	<4.8	<4.8
56-23-5	153.84	# Carbon Tetrachloride		<1.5	<9.4	<1.5	<1.5	<9.4	<9.4
110-82-7	84.16	Cyclohexane		<2	<7	<2	<2	<7	<7

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

Sample Date: 15 Sep 2021
Date of Receipt: 17 Sep 2021
Date Analysed: 21 Sep 2021

Sample ID: TP26
Depth:
EMT Job No: 21/14463
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: V 1037 0.55
Sample Train Serial number: ST-254

Q* - Qualifiers

B Indicates analyte found in associated method blank
++ Indicates value exceeds calibration range

Key

MDL Method Detection Limit
RL Reporting Limit
ISO 17025 (UKAS) accredited

Cas No	Molecular Weight	Compound	Q*	RESULT	RESULT	RL	MDL	RL	MDL
				ppbv	ug/m ³	ppbv	ppbv	ug/m ³	ug/m ³
107-87-9	86.13	2-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
110-62-3	86.13	Pentanal		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
96-22-0	86.13	3-Pentanone		<1.5	<5.3	<1.5	<1.5	<5.3	<5.3
78-87-5	112.99	# 1,2-Dichloropropane		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
75-27-4	163.83	Bromodichloromethane		<1.5	<10.1	<1.5	<1.5	<10.1	<10.1
123-91-1	88.11	1,4-Dioxane		<2	<7	<2	<2	<7	<7
79-01-6	131.4	# Trichloroethene (TCE)		<1.5	<8.1	<1.5	<1.5	<8.1	<8.1
10061-01-5	110.97	# cis-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
108-10-1	100.16	4-Methyl-2-pentanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
10061-02-6	110.97	# trans-1,3-Dichloropropene		<1.5	<6.8	<1.5	<1.5	<6.8	<6.8
79-00-5	133.4	# 1,1,2-Trichloroethane		<1.5	<8.2	<1.5	<1.5	<8.2	<8.2
108-88-3	92.13	# Toluene		498.6	1878.7	<1.5	<1.5	<5.7	<5.7
589-38-8	100.16	3-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
591-78-6	100.16	2-Hexanone		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
66-25-1	100.16	Hexanal		<1.5	<6.1	<1.5	<1.5	<6.1	<6.1
106-93-4	187.86	# 1,2-Dibromoethane		<1.5	<11.5	<1.5	<1.5	<11.5	<11.5
127-18-4	165.85	# Tetrachloroethene (PCE)		<1.5	<10.2	<1.5	<1.5	<10.2	<10.2
108-90-7	112.56	# Chlorobenzene		<1.5	<6.9	<1.5	<1.5	<6.9	<6.9
100-41-4	106.16	# Ethylbenzene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
179601-23-1	106.17	# m/p-Xylene		2.1	9.1	<1.5	<1.5	<6.5	<6.5
75-25-2	252.77	Bromoform		<1.5	<15.5	<1.5	<1.5	<15.5	<15.5
100-42-5	104.14	# Styrene		<1.5	<6.4	<1.5	<1.5	<6.4	<6.4
79-34-5	167.85	# 1,1,2,2-Tetrachloroethane		<1.5	<10.3	<1.5	<1.5	<10.3	<10.3
95-47-6	106.17	# o-Xylene		<1.5	<6.5	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-63-6	120.19	# 1,2,4-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
541-73-1	147.01	# 1,3-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
100-44-7	126.58	Benzyl Chloride		<1.5	<7.8	<1.5	<1.5	<7.8	<7.8
106-46-7	147.01	# 1,4-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
526-73-8	120.2	1,2,3-Trimethylbenzene		<1.5	<7.4	<1.5	<1.5	<7.4	<7.4
95-50-1	147	# 1,2-Dichlorobenzene		<1.5	<9	<1.5	<1.5	<9	<9
120-82-1	181.46	1,2,4-Trichlorobenzene		<1.5	<11.1	<1.5	<1.5	<11.1	<11.1
91-20-3	128.17	Naphthalene		<0.32	<1.7	<0.32	<0.32	<1.7	<1.7
		Sum of VOC TO15 compounds		811	2501.6				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		91%		0%	0%		
75-01-4	62.5	# Vinyl Chloride		<1.5	<3.8	<1.5	<1.5	<3.8	<3.8
	81	Aliphatic >C4-C6		<10	<33	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		<10	<53	<10	<10	<53	<53

Matrix : Gas

[illegible]

Client Name: EPS Ltd
Reference: UK20.5052f
Location: Pfizer Havant
Contact: Michael Judson

[illegible]

Please note that only samples that are deviating are mentioned in this report. If no samples are listed it is because none were deviating. Only analyses which are accredited are recorded as deviating if set criteria are not met.

APPENDIX G

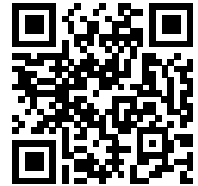
Waste Classification Report



Waste Classification Report

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

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



OPXS9-HTY EY-DPDVG

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

Job name

Pfizer, New Lane, Havant

Description/Comments

Project

UK20.5052f

Site

Pfizer, 32 New Lane, Havant

Classified by

Name:

Michael Judson

Date:

25 Aug 2021 09:51 GMT

Telephone:

01954 710 666

Company:

Environmental Strategies Ltd EPS**Unit 7B, Caxton House, Broad Street, Great****Cambourne****Cambridge****CB23 6JN**

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

HazWasteOnline™ Certification:**Course****Hazardous Waste Classification****3 year Refresher overdue****Date****08 Dec 2016**

Job summary

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP03-29/07/2021-0.30m		Hazardous	HP 8	3
2	TP05-28/07/2021-0.40-0.60m		Non Hazardous		9
3	TP05-29/07/2021-1.50m		Non Hazardous		15
4	TP06-29/07/2021-0.30-0.40m		Non Hazardous		21
5	TP07-29/07/2021-0.30-0.40m		Non Hazardous		27
6	TP08-29/07/2021-0.30-0.50m		Hazardous	HP 14	33
7	TP10-26/07/2021-0.25-0.40m		Hazardous	HP 8	39
8	TP10-26/07/2021-0.60-0.80m		Non Hazardous		45
9	TP21-26/07/2021-0.10-0.20m		Hazardous	HP 3(i), HP 7, HP 11	51
10	TP23-26/07/2021-0.30-0.60m		Non Hazardous		57
11	TP24-28/07/2021-0.25-0.40m		Non Hazardous		63
12	TP25-29/07/2021-0.30-0.50m		Hazardous	HP 8	69
13	TP26-28/07/2021-0.30-0.50m		Hazardous	HP 8	75
14	TP28-29/07/2021-0.30-0.50m		Non Hazardous		81
15	WS03-27/07/2021-0.12-0.40m		Hazardous	HP 7	87
16	WS03-27/07/2021-0.60-0.80m		Non Hazardous		93
17	WS04-27/07/2021-0.42-0.60m		Non Hazardous		99
18	WS05-27/07/2021-0.25-0.50m		Non Hazardous		105
19	WS06-27/07/2021-0.30-0.50m		Non Hazardous		111
20	WS16-28/07/2021-0.20-0.40m		Non Hazardous		117
21	WS17-28/07/2021-0.30-0.60m		Non Hazardous		123
22	WS18-28/07/2021-0.30-0.50m		Non Hazardous		129
23	BH7	0.30-0.40	Non Hazardous		135
24	BH9	0.40-0.50	Non Hazardous		137

Related documents

#	Name	Description
1	EMT -21-11799-Batch-1-202108191546.hwol	.hwol file used to create the Job
2	EPS Waste Stream Pfizer	waste stream template used to create this Job



Report

Created by: Michael Judson

Created date: 25 Aug 2021 09:51 GMT

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	139
Appendix B: Rationale for selection of metal species	143
Appendix C: Version	144

Classification of sample: TP03-29/07/2021-0.30m

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

Sample details

Sample name:	LoW Code:
TP03-29/07/2021-0.30m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
6.9% (dry weight correction)	

Hazard properties

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

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

Because of determinand:

pH: (conc.: 12.55 pH)

Determinands

Moisture content: 6.9% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48.9 mg/kg	1.462	66.857 mg/kg	0.00669 %	✓		
		215-160-9	1308-38-9								
6	arsenic { arsenic }				11.4 mg/kg		10.664 mg/kg	0.00107 %	✓		
	033-001-00-X	231-148-6	7440-38-2								
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	048-001-00-5										
8	copper { copper(II) oxide }				8 mg/kg	1.252	9.368 mg/kg	0.000937 %	✓		
	029-016-00-6	215-269-1	1317-38-0								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6 mg/kg		5.613 mg/kg	0.000561 %	✓		
	082-001-00-6										
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
11	nickel { nickel }			7	8.4 mg/kg		7.858 mg/kg	0.000786 %	✓		
	028-002-00-7	231-111-4	7440-02-0								
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	zinc { zinc oxide }				23	mg/kg	1.245	26.781	mg/kg	0.00268 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				0.05	mg/kg		0.0468	mg/kg	0.00000468 %	✓	
		201-581-5	85-01-8									
20	anthracene				0.04	mg/kg		0.0374	mg/kg	0.00000374 %	✓	
		204-371-1	120-12-7									
21	fluoranthene				0.16	mg/kg		0.15	mg/kg	0.000015 %	✓	
		205-912-4	206-44-0									
22	pyrene				0.17	mg/kg		0.159	mg/kg	0.0000159 %	✓	
		204-927-3	129-00-0									
23	benzo[a]anthracene				0.1	mg/kg		0.0935	mg/kg	0.00000935 %	✓	
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.14	mg/kg		0.131	mg/kg	0.0000131 %	✓	
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				0.12	mg/kg		0.112	mg/kg	0.0000112 %	✓	
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				0.07	mg/kg		0.0655	mg/kg	0.00000655 %	✓	
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				0.07	mg/kg		0.0655	mg/kg	0.00000655 %	✓	
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				0.21	mg/kg		0.196	mg/kg	0.0000196 %	✓	
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				0.08	mg/kg		0.0748	mg/kg	0.00000748 %	✓	
	601-036-00-5	205-916-6	207-08-9									
31	pH				12.55	pH		12.55	pH	12.55 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
42	bromochloromethane	200-826-3	74-97-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
43	chloroform; trichloromethane	602-006-00-4	200-663-8		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
44	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
45	1,1-dichloropropene	602-031-00-0	209-253-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
46	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
47	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
48	trichloroethylene; trichloroethene	602-027-00-9	201-167-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
49	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2		<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
50	dibromomethane	602-003-00-8	200-824-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
53	trans-1,3-dichloropropene	431-460-4	10061-02-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
54	1,1,2-trichloroethane	602-014-00-8	201-166-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
55	tetrachloroethylene	602-028-00-4	204-825-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
56	1,3-dichloropropane	205-531-3	142-28-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
57	dibromochloromethane	204-704-0	124-48-1		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
58	1,2-dibromoethane	602-010-00-6	203-444-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
59	chlorobenzene	602-033-00-1	203-628-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
60	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
61	bromoform; tribromomethane	602-007-00-X	200-854-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
62	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
63	bromobenzene	602-060-00-9	203-623-8		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
64	1,2,3-trichloropropane	602-062-00-X	202-486-1		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
65	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
66	tert-butylbenzene	202-632-4	98-06-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
67	1,2,4-trimethylbenzene	601-043-00-3	202-436-9		<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
68	sec-butylbenzene	205-227-0	135-98-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
69	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
72	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
73	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
74	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
75	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
76	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
77	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
78	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
79	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
80	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]							
		203-396-5 [2]	106-42-3 [2]							
		203-576-3 [3]	108-38-3 [3]							
		215-535-7 [4]	1330-20-7 [4]							
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
82	cumene; [1] propylbenzene [2]				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1]	98-82-8 [1]							
		203-132-9 [2]	103-65-1 [2]							
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
85	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
86	carbazole				0.012 mg/kg		0.0112 mg/kg	0.00000112 %	✓	
		201-696-0	86-74-8							
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
88	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5							
89	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
90	3,4-xenol; [1] 2,5-xenol; [2] 2,4-xenol; [3] 2,3-xenol; [4] 2,6-xenol; [5] xenol; [6] 2,4(or 2,5)-xenol [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1]							
		202-461-5 [2]	105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
91	2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
92	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]								
		202-423-8 [2]	95-48-7 [2]								
		203-398-6 [3]	106-44-5 [3]								
		215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2								
		202-729-1 [2]	[2] 100-01-6 [3]								
		202-810-1 [3]									
Total:									0.017 %		

Key

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



Classification of sample: TP05-28/07/2021-0.40-0.60m

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

Sample details

Sample name:	LoW Code:
TP05-28/07/2021-0.40-0.60m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16.5% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				54.7 mg/kg	1.462	68.624 mg/kg	0.00686 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				9.3 mg/kg		7.983 mg/kg	0.000798 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium selenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.343 mg/kg	0.0000343 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				11 mg/kg	1.252	11.819 mg/kg	0.00118 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	41 mg/kg		35.193 mg/kg	0.00352 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	13.3 mg/kg		11.416 mg/kg	0.00114 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				62 mg/kg	1.245	66.242 mg/kg	0.00662 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				10.73	pH		10.73	pH	10.73 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0244 %		

Key

	User 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: TP05-29/07/2021-1.50m

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

Sample details

Sample name:	LoW Code:
TP05-29/07/2021-1.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
10.7% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 10.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg		<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<3 µg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
3	toluene				<3 µg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg		<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				84.3 mg/kg	1.462	111.3 mg/kg		0.0111 %	✓	
		215-160-9	1308-38-9								
6	arsenic { arsenic }				6.2 mg/kg		5.601 mg/kg		0.00056 %	✓	
	033-001-00-X	231-148-6	7440-38-2								
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.6 mg/kg		0.542 mg/kg		0.0000542 %	✓	
	048-001-00-5										
8	copper { copper(II) oxide }				9 mg/kg	1.252	10.177 mg/kg		0.00102 %	✓	
	029-016-00-6	215-269-1	1317-38-0								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13 mg/kg		11.743 mg/kg		0.00117 %	✓	
	082-001-00-6										
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6								
11	nickel { nickel }			7	21.4 mg/kg		19.332 mg/kg		0.00193 %	✓	
	028-002-00-7	231-111-4	7440-02-0								
12	selenium { selenium }				<1 mg/kg		<1 mg/kg		<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2								
13	zinc { zinc oxide }				35 mg/kg	1.245	39.354 mg/kg		0.00394 %	✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg		<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				8.41	pH		8.41	pH	8.41 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	• polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
81	• coronene	205-881-7	191-07-1		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
82	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
83	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
85	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
86	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
87	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
88	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	3,4-xenol; [1] 2,5-xenol; [2] 2,4-xenol; [3] 2,3-xenol; [4] 2,6-xenol; [5] xenol; [6] 2,4(or 2,5)-xenol [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
94	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
95	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
96	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
97	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
98	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
99	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
100	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
101	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
102	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
103	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
104	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
105	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
106	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
107	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
108	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
109	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
110	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
111	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
112	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
113	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
114	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
115	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
116	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
117	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
118	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
119	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
120	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
121		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
		604-004-00-9	203-577-9 [1]	108-39-4 [1]							
			202-423-8 [2]	95-48-7 [2]							
			203-398-6 [3]	106-44-5 [3]							
			215-293-2 [4]	1319-77-3 [4]							
122		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
		612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
			202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]								
Total:									0.024 %		

Key

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



Classification of sample: TP06-29/07/2021-0.30-0.40m

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

Sample details

Sample name:	LoW Code:
TP06-29/07/2021-0.30-0.40m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
15.3% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.3% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
3	toluene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
4	ethylbenzene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				38.6 mg/kg	1.462	48.93	mg/kg	0.00489 %	✓	
		215-160-9	1308-38-9								
6	arsenic { arsenic }				7.3 mg/kg		6.331	mg/kg	0.000633 %	✓	
	033-001-00-X	231-148-6	7440-38-2								
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.347	mg/kg	0.0000347 %	✓	
	048-001-00-5										
8	copper { copper(II) oxide }				8 mg/kg	1.252	8.685	mg/kg	0.000869 %	✓	
	029-016-00-6	215-269-1	1317-38-0								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	39 mg/kg		33.825	mg/kg	0.00338 %	✓	
	082-001-00-6										
10	mercury { mercury }				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6								
11	nickel { nickel }			7	12.3 mg/kg		10.668	mg/kg	0.00107 %	✓	
	028-002-00-7	231-111-4	7440-02-0								
12	selenium { selenium }				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2								
13	zinc { zinc oxide }				91 mg/kg	1.245	98.238	mg/kg	0.00982 %	✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				8.81	pH		8.81	pH	8.81 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0249 %		

Key

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

Classification of sample: TP07-29/07/2021-0.30-0.40m

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

Sample details

Sample name:	LoW Code:
TP07-29/07/2021-0.30-0.40m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
12.4% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 12.4% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				50.5 mg/kg	1.462	65.666 mg/kg	0.00657 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				13.6 mg/kg		12.1 mg/kg	0.00121 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.2 mg/kg		0.178 mg/kg	0.0000178 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				13 mg/kg	1.252	14.478 mg/kg	0.00145 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	53 mg/kg		47.153 mg/kg	0.00472 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	12.8 mg/kg		11.388 mg/kg	0.00114 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				87 mg/kg	1.245	96.344 mg/kg	0.00963 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-917-1	208-96-8								
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				0.07 mg/kg		0.0623 mg/kg	0.00000623 %		✓	
		201-581-5	85-01-8								
20	anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		204-371-1	120-12-7								
21	fluoranthene				0.19 mg/kg		0.169 mg/kg	0.0000169 %		✓	
		205-912-4	206-44-0								
22	pyrene				0.19 mg/kg		0.169 mg/kg	0.0000169 %		✓	
		204-927-3	129-00-0								
23	benzo[a]anthracene				0.16 mg/kg		0.142 mg/kg	0.0000142 %		✓	
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				0.15 mg/kg		0.133 mg/kg	0.0000133 %		✓	
	601-048-00-0	205-923-4	218-01-9								
25	benzo[a]pyrene; benzo[def]chrysene				0.16 mg/kg		0.142 mg/kg	0.0000142 %		✓	
	601-032-00-3	200-028-5	50-32-8								
26	indeno[123-cd]pyrene				0.13 mg/kg		0.116 mg/kg	0.0000116 %		✓	
		205-893-2	193-39-5								
27	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
28	benzo[ghi]perylene				0.15 mg/kg		0.133 mg/kg	0.0000133 %		✓	
		205-883-8	191-24-2								
29	benzo[b]fluoranthene				0.24 mg/kg		0.214 mg/kg	0.0000214 %		✓	
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				0.09 mg/kg		0.0801 mg/kg	0.00000801 %		✓	
	601-036-00-5	205-916-6	207-08-9								
31	pH				9.76 pH		9.76 pH	9.76 pH			
			PH								
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0291 %		

Key

	User 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: TP08-29/07/2021-0.30-0.50m

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

Sample details

Sample name:	LoW Code:
TP08-29/07/2021-0.30-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
6.1% (dry weight 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 oxide: (compound conc.: 0.262%)

Determinands

Moisture content: 6.1% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		28 mg/kg	1.462	38.571 mg/kg	0.00386 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2	14.8 mg/kg		13.949 mg/kg	0.00139 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium selenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5		1	8.1 mg/kg		7.634 mg/kg	0.000763 %	✓	
8	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0	10 mg/kg	1.252	11.798 mg/kg	0.00118 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	70 mg/kg		65.975 mg/kg	0.0066 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	7	10.8 mg/kg	10.179 mg/kg	0.00102 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	zinc { zinc oxide }				2237	mg/kg	1.245	2624.34	mg/kg	0.262 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				0.15	mg/kg		0.141	mg/kg	0.0000141 %	✓	
		201-581-5	85-01-8									
20	anthracene				0.05	mg/kg		0.0471	mg/kg	0.00000471 %	✓	
		204-371-1	120-12-7									
21	fluoranthene				0.44	mg/kg		0.415	mg/kg	0.0000415 %	✓	
		205-912-4	206-44-0									
22	pyrene				0.49	mg/kg		0.462	mg/kg	0.0000462 %	✓	
		204-927-3	129-00-0									
23	benzo[a]anthracene				0.27	mg/kg		0.254	mg/kg	0.0000254 %	✓	
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.27	mg/kg		0.254	mg/kg	0.0000254 %	✓	
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				0.25	mg/kg		0.236	mg/kg	0.0000236 %	✓	
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				0.18	mg/kg		0.17	mg/kg	0.000017 %	✓	
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				0.19	mg/kg		0.179	mg/kg	0.0000179 %	✓	
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				0.37	mg/kg		0.349	mg/kg	0.0000349 %	✓	
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				0.14	mg/kg		0.132	mg/kg	0.0000132 %	✓	
	601-036-00-5	205-916-6	207-08-9									
31	pH		PH		10.58	pH		10.58	pH	10.58 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
42	bromochloromethane	200-826-3	74-97-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
43	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
44	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
45	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
46	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
47	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
48	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
49	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
50	dibromomethane	602-003-00-8	200-824-2	74-95-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
53	trans-1,3-dichloropropene	431-460-4	10061-02-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
54	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
55	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
56	1,3-dichloropropane	205-531-3	142-28-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
57	dibromochloromethane	204-704-0	124-48-1		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
58	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
59	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
60	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
61	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
62	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
63	bromobenzene	602-060-00-9	203-623-8	108-86-1	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
64	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
65	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
66	tert-butylbenzene	202-632-4	98-06-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
67	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
68	sec-butylbenzene	205-227-0	135-98-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
69	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-035-00-2	203-400-5	106-46-7								
72	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		203-209-7	104-51-8								
73	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-034-00-7	202-425-9	95-50-1								
74	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-021-00-6	202-479-3	96-12-8								
75	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-087-00-6	204-428-0	120-82-1								
76	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		201-765-5	87-68-3								
77	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
		201-757-1	87-61-6								
78	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
79	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-026-00-0	202-851-5	100-42-5								
80	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %			<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]								
		203-396-5 [2]	106-42-3 [2]								
		203-576-3 [3]	108-38-3 [3]								
		215-535-7 [4]	1330-20-7 [4]								
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]								
		205-859-7 [2]	156-59-2 [2]								
		205-860-2 [3]	156-60-5 [3]								
82	cumene; [1] propylbenzene [2]				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	601-024-00-X	202-704-5 [1]	98-82-8 [1]								
		203-132-9 [2]	103-65-1 [2]								
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]								
		203-580-5 [2]	108-41-8 [2]								
		203-397-0 [3]	106-43-4 [3]								
		246-698-2 [4]	25168-05-2 [4]								
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.122 mg/kg		0.115 mg/kg	0.0000115 %		✓	
	607-317-00-9	204-211-0	117-81-7								
85	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	607-430-00-3	201-622-7	85-68-7								
86	carbazole				0.016 mg/kg		0.0151 mg/kg	0.00000151 %		✓	
		201-696-0	86-74-8								
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]								
		203-402-6 [2]	106-48-9 [2]								
		203-582-6 [3]	108-43-0 [3]								
		246-691-4 [4]	25167-80-0 [4]								
88	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-857-5	88-75-5								
89	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-011-00-7	204-429-6	120-83-2								
90	3,4-xenol; [1] 2,5-xenol; [2] 2,4-xenol; [3] 2,3-xenol; [4] 2,6-xenol; [5] xenol; [6] 2,4(or 2,5)-xenol [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1]								
		202-461-5 [2]	105-67-9 [3]								
		203-321-6 [3]	526-75-0 [4]								
		208-395-3 [4]	576-26-1 [5]								
		209-400-1 [5]	1300-71-6 [6]								
		215-089-3 [6]	71975-58-1 [7]								
		276-245-4 [7]									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
91	2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
92	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	98-06-2							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]								
		202-423-8 [2]	95-48-7 [2]								
		203-398-6 [3]	106-44-5 [3]								
		215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2								
		202-729-1 [2]	[2] 100-01-6 [3]								
		202-810-1 [3]									
Total:									0.282 %		

Key

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

Classification of sample: TP10-26/07/2021-0.25-0.40m

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

Sample details

Sample name:	LoW Code:
TP10-26/07/2021-0.25-0.40m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
13.7% (dry weight correction)	

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.91 pH)

Determinands

Moisture content: 13.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				53.7 mg/kg	1.462	69.029 mg/kg	0.0069 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				8.1 mg/kg		7.124 mg/kg	0.000712 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.3 mg/kg		0.264 mg/kg	0.0000264 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				7 mg/kg	1.252	7.707 mg/kg	0.000771 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	17 mg/kg		14.952 mg/kg	0.0015 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	9.2 mg/kg		8.091 mg/kg	0.000809 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	zinc { zinc oxide }				57	mg/kg	1.245	62.4	mg/kg	0.00624 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				0.05	mg/kg		0.044	mg/kg	0.0000044 %	✓	
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				0.06	mg/kg		0.0528	mg/kg	0.00000528 %	✓	
		201-581-5	85-01-8									
20	anthracene				0.05	mg/kg		0.044	mg/kg	0.0000044 %	✓	
		204-371-1	120-12-7									
21	fluoranthene				0.28	mg/kg		0.246	mg/kg	0.0000246 %	✓	
		205-912-4	206-44-0									
22	pyrene				0.69	mg/kg		0.607	mg/kg	0.0000607 %	✓	
		204-927-3	129-00-0									
23	benzo[a]anthracene				0.34	mg/kg		0.299	mg/kg	0.0000299 %	✓	
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.32	mg/kg		0.281	mg/kg	0.0000281 %	✓	
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				0.32	mg/kg		0.281	mg/kg	0.0000281 %	✓	
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				0.2	mg/kg		0.176	mg/kg	0.0000176 %	✓	
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				0.23	mg/kg		0.202	mg/kg	0.0000202 %	✓	
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				0.44	mg/kg		0.387	mg/kg	0.0000387 %	✓	
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				0.17	mg/kg		0.15	mg/kg	0.000015 %	✓	
	601-036-00-5	205-916-6	207-08-9									
31	pH		PH		11.91	pH		11.91	pH	11.91 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
42	bromochloromethane	200-826-3	74-97-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
43	chloroform; trichloromethane	602-006-00-4	200-663-8		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
44	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
45	1,1-dichloropropene	602-031-00-0	209-253-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
46	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
47	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
48	trichloroethylene; trichloroethene	602-027-00-9	201-167-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
49	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2		<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
50	dibromomethane	602-003-00-8	200-824-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
53	trans-1,3-dichloropropene	431-460-4	10061-02-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
54	1,1,2-trichloroethane	602-014-00-8	201-166-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
55	tetrachloroethylene	602-028-00-4	204-825-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
56	1,3-dichloropropane	205-531-3	142-28-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
57	dibromochloromethane	204-704-0	124-48-1		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
58	1,2-dibromoethane	602-010-00-6	203-444-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
59	chlorobenzene	602-033-00-1	203-628-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
60	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
61	bromoform; tribromomethane	602-007-00-X	200-854-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
62	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
63	bromobenzene	602-060-00-9	203-623-8		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
64	1,2,3-trichloropropane	602-062-00-X	202-486-1		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
65	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
66	tert-butylbenzene	202-632-4	98-06-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
67	1,2,4-trimethylbenzene	601-043-00-3	202-436-9		<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
68	sec-butylbenzene	205-227-0	135-98-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
69	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
72	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
73	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
74	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
75	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
76	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
77	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
78	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
79	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
80	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]							
		203-396-5 [2]	106-42-3 [2]							
		203-576-3 [3]	108-38-3 [3]							
		215-535-7 [4]	1330-20-7 [4]							
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
82	cumene; [1] propylbenzene [2]				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1]	98-82-8 [1]							
		203-132-9 [2]	103-65-1 [2]							
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
85	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
86	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8							
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
88	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5							
89	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
90	3,4-xilenol; [1] 2,5-xilenol; [2] 2,4-xilenol; [3] 2,3-xilenol; [4] 2,6-xilenol; [5] xilenol; [6] 2,4(or 2,5)-xilenol [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1]							
		202-461-5 [2]	105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
91	2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-017-00-X	202-467-8	95-95-4								
92	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-018-00-5	201-795-9	88-06-2								
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-014-00-3	200-431-6	59-50-7								
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-015-00-2	202-811-7	100-02-7								
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-002-00-8	201-778-6	87-86-5								
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-079-9	91-58-7								
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-078-3	91-57-6								
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	607-318-00-4	201-557-4	84-74-2								
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-214-7	117-84-0								
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-550-6	84-66-2								
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-011-6	131-11-3								
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-049-00-8	210-106-0	606-20-2								
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-952-4	101-55-3								
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	612-137-00-9	203-401-0	106-47-8								
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		230-281-7	7005-72-3								
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	611-001-00-6	203-102-5	103-33-3								
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		203-920-2	111-91-1								
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-029-00-2	203-870-1	111-44-4								
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		205-071-3	132-64-9								
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	602-065-00-6	204-273-9	118-74-1								
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	602-078-00-7	201-029-3	77-47-4								
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		200-666-4	67-72-1								
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	606-012-00-8	201-126-0	78-59-1								
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	612-098-00-8	210-698-0	621-64-7								
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-003-00-7	202-716-0	98-95-3								
118	TPH (C6 to C40) petroleum group				90 mg/kg		79.156 mg/kg	0.00792 %	✓		
			TPH								



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]								
		202-423-8 [2]	95-48-7 [2]								
		203-398-6 [3]	106-44-5 [3]								
		215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2								
		202-729-1 [2]	[2] 100-01-6 [3]								
		202-810-1 [3]									
Total:									0.0255 %		

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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00792%)



Classification of sample: TP10-26/07/2021-0.60-0.80m

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

Sample details

Sample name:	LoW Code:
TP10-26/07/2021-0.60-0.80m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
19.4% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 19.4% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2								
3	toluene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3								
4	ethylbenzene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				73.2 mg/kg	1.462	89.603	mg/kg	0.00896 %	✓	
		215-160-9	1308-38-9								
6	arsenic { arsenic }				12.8 mg/kg		10.72	mg/kg	0.00107 %	✓	
	033-001-00-X	231-148-6	7440-38-2								
7	cadmium { cadmium compounds, with the exception of cadmium selenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.8 mg/kg		0.67	mg/kg	0.000067 %	✓	
	048-001-00-5										
8	copper { copper(II) oxide }				18 mg/kg	1.252	18.871	mg/kg	0.00189 %	✓	
	029-016-00-6	215-269-1	1317-38-0								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		15.913	mg/kg	0.00159 %	✓	
	082-001-00-6										
10	mercury { mercury }				<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6								
11	nickel { nickel }			7	41.4 mg/kg		34.673	mg/kg	0.00347 %	✓	
	028-002-00-7	231-111-4	7440-02-0								
12	selenium { selenium }				<1 mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2								
13	zinc { zinc oxide }				72 mg/kg	1.245	75.058	mg/kg	0.00751 %	✓	
	030-013-00-7	215-222-5	1314-13-2								
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				8.05	pH		8.05	pH	8.05 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0288 %		

Key

	User 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: TP21-26/07/2021-0.10-0.20m

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

Sample details

Sample name:	LoW Code:
TP21-26/07/2021-0.10-0.20m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
14.6% (dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.101%)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.101%)

Hazard properties (substances considered hazardous until shown otherwise)

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

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.101%)

Determinands

Moisture content: 14.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<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
	CLP index number	EC Number	CAS Number									
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }	215-160-9	1308-38-9		55.8	mg/kg	1.462	71.165	mg/kg	0.00712 %	✓	
6	arsenic { arsenic }	033-001-00-X	231-148-6		8.1	mg/kg		7.068	mg/kg	0.000707 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }	048-001-00-5		1	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
8	copper { copper(II) oxide }	029-016-00-6	215-269-1		8	mg/kg	1.252	8.738	mg/kg	0.000874 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6		1	7	mg/kg		6.108	mg/kg	0.000611 %	✓	
10	mercury { mercury }	080-001-00-0	231-106-7		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
11	nickel { nickel }	028-002-00-7	231-111-4		11.9	mg/kg		10.384	mg/kg	0.00104 %	✓	
12	selenium { selenium }	034-001-00-2	231-957-4		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
13	zinc { zinc oxide }	030-013-00-7	215-222-5		41	mg/kg	1.245	44.532	mg/kg	0.00445 %	✓	
14	chromium in chromium(VI) compounds { chromium(VI) oxide }	024-001-00-0	215-607-8		<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
15	naphthalene	601-052-00-2	202-049-5		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
16	acenaphthylene		205-917-1		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
17	acenaphthene		201-469-6		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
18	fluorene		201-695-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	phenanthrene		201-581-5		0.08	mg/kg		0.0698	mg/kg	0.00000698 %	✓	
20	anthracene		204-371-1		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
21	fluoranthene		205-912-4		0.37	mg/kg		0.323	mg/kg	0.0000323 %	✓	
22	pyrene		204-927-3		0.39	mg/kg		0.34	mg/kg	0.000034 %	✓	
23	benzo[a]anthracene	601-033-00-9	200-280-6		0.25	mg/kg		0.218	mg/kg	0.0000218 %	✓	
24	chrysene	601-048-00-0	205-923-4		0.32	mg/kg		0.279	mg/kg	0.0000279 %	✓	
25	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.33	mg/kg		0.288	mg/kg	0.0000288 %	✓	
26	indeno[123-cd]pyrene		205-893-2		0.23	mg/kg		0.201	mg/kg	0.0000201 %	✓	
27	dibenz[a,h]anthracene	601-041-00-2	200-181-8		0.05	mg/kg		0.0436	mg/kg	0.00000436 %	✓	
28	benzo[ghi]perylene		205-883-8		0.25	mg/kg		0.218	mg/kg	0.0000218 %	✓	
29	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.48	mg/kg		0.419	mg/kg	0.0000419 %	✓	
30	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.18	mg/kg		0.157	mg/kg	0.0000157 %	✓	



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
31	pH				11.41 pH		11.41	pH	11.41 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5								
43	chloroform; trichloromethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3								
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6								
45	1,1-dichloropropene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6								
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5								
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2								
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6								
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5								
50	dibromomethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3								
51	bromodichloromethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4								
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]								
53	trans-1,3-dichloropropene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6								
54	1,1,2-trichloroethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5								
55	tetrachloroethylene				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4								
56	1,3-dichloropropane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9								
57	dibromochloromethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1								
58	1,2-dibromoethane				<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-033-00-1	203-628-5	108-90-7								
60	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		211-135-1	630-20-6								
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-007-00-X	200-854-6	75-25-2								
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-015-00-3	201-197-8	79-34-5								
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-060-00-9	203-623-8	108-86-1								
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-062-00-X	202-486-1	96-18-4								
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-025-00-5	203-604-4	108-67-8								
66	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		202-632-4	98-06-6								
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	601-043-00-3	202-436-9	95-63-6								
68	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		205-227-0	135-98-8								
69	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		202-796-7	99-87-6								
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-035-00-2	203-400-5	106-46-7								
72	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		203-209-7	104-51-8								
73	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-034-00-7	202-425-9	95-50-1								
74	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-021-00-6	202-479-3	96-12-8								
75	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-087-00-6	204-428-0	120-82-1								
76	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		201-765-5	87-68-3								
77	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
		201-757-1	87-61-6								
78	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
79	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-026-00-0	202-851-5	100-42-5								
80	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %			<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]								
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]								
82	cumene; [1] propylbenzene [2]				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP 607-317-00-9	204-211-0	117-81-7		0.131 mg/kg		0.114 mg/kg	0.0000114 %	✓	
85	BBP; benzyl butyl phthalate 607-430-00-3	201-622-7	85-68-7		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	carbazole 201-696-0	86-74-8			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4] 604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	2-nitrophenol 201-857-5	88-75-5			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol 604-011-00-7	204-429-6	120-83-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7] 604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
94	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
95	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96	phenol; carbolic acid; monohydroxybenzene; phenylalcohol 604-001-00-2	203-632-7	108-95-2		0.159 mg/kg		0.139 mg/kg	0.0000139 %	✓	
97	2-chloronaphthalene 202-079-9	91-58-7			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
98	2-methyl naphthalene 202-078-3	91-57-6			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
99	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
100	di-n-octyl phthalate 204-214-7	117-84-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
101	diethyl phthalate 201-550-6	84-66-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
102	dimethyl phthalate 205-011-6	131-11-3			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
103	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
104	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
105	4-bromophenylphenylether 202-952-4	101-55-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
106	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
107	4-chlorophenylphenylether 230-281-7	7005-72-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
108		azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		611-001-00-6	203-102-5	103-33-3								
109	•	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
			203-920-2	111-91-1								
110		bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		603-029-00-2	203-870-1	111-44-4								
111	•	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
			205-071-3	132-64-9								
112		hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		602-065-00-6	204-273-9	118-74-1								
113		hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		602-078-00-7	201-029-3	77-47-4								
114	•	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
			200-666-4	67-72-1								
115		3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		606-012-00-8	201-126-0	78-59-1								
116		nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		612-098-00-8	210-698-0	621-64-7								
117		nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD	
		609-003-00-7	202-716-0	98-95-3								
118	•	TPH (C6 to C40) petroleum group				1163 mg/kg		1014.834 mg/kg	0.101 %	✓		
				TPH								
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
		604-004-00-9	203-577-9 [1]	108-39-4 [1]								
			202-423-8 [2]	95-48-7 [2]								
			203-398-6 [3]	106-44-5 [3]								
			215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD	
		612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2								
			202-729-1 [2]	[2] 100-01-6 [3]								
			202-810-1 [3]									
Total: 0.117 %												

Key

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



Classification of sample: TP23-26/07/2021-0.30-0.60m

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

Sample details

Sample name:	LoW Code:
TP23-26/07/2021-0.30-0.60m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16.2% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16.2% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				53.2 mg/kg	1.462	66.915 mg/kg	0.00669 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				5.8 mg/kg		4.991 mg/kg	0.000499 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.2 mg/kg		0.172 mg/kg	0.0000172 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				13 mg/kg	1.252	14.004 mg/kg	0.0014 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	24 mg/kg		20.654 mg/kg	0.00207 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	10.7 mg/kg		9.208 mg/kg	0.000921 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				46 mg/kg	1.245	49.274 mg/kg	0.00493 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				0.13 mg/kg		0.112 mg/kg	0.0000112 %		✓	
		205-917-1	208-96-8								
17	acenaphthene				0.29 mg/kg		0.25 mg/kg	0.000025 %		✓	
		201-469-6	83-32-9								
18	fluorene				0.29 mg/kg		0.25 mg/kg	0.000025 %		✓	
		201-695-5	86-73-7								
19	phenanthrene				4.11 mg/kg		3.537 mg/kg	0.000354 %		✓	
		201-581-5	85-01-8								
20	anthracene				1.24 mg/kg		1.067 mg/kg	0.000107 %		✓	
		204-371-1	120-12-7								
21	fluoranthene				5.33 mg/kg		4.587 mg/kg	0.000459 %		✓	
		205-912-4	206-44-0								
22	pyrene				5.14 mg/kg		4.423 mg/kg	0.000442 %		✓	
		204-927-3	129-00-0								
23	benzo[a]anthracene				2.08 mg/kg		1.79 mg/kg	0.000179 %		✓	
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				2.42 mg/kg		2.083 mg/kg	0.000208 %		✓	
	601-048-00-0	205-923-4	218-01-9								
25	benzo[a]pyrene; benzo[def]chrysene				2.07 mg/kg		1.781 mg/kg	0.000178 %		✓	
	601-032-00-3	200-028-5	50-32-8								
26	indeno[123-cd]pyrene				1.3 mg/kg		1.119 mg/kg	0.000112 %		✓	
		205-893-2	193-39-5								
27	dibenz[a,h]anthracene				0.33 mg/kg		0.284 mg/kg	0.0000284 %		✓	
	601-041-00-2	200-181-8	53-70-3								
28	benzo[ghi]perylene				1.24 mg/kg		1.067 mg/kg	0.000107 %		✓	
		205-883-8	191-24-2								
29	benzo[b]fluoranthene				2.64 mg/kg		2.272 mg/kg	0.000227 %		✓	
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				1.03 mg/kg		0.886 mg/kg	0.0000886 %		✓	
	601-036-00-5	205-916-6	207-08-9								
31	pH				11.23 pH		11.23 pH	11.23 pH			
			PH								
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	• polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
81	• coronene	205-881-7	191-07-1		0.26 mg/kg		0.224	mg/kg	0.0000224 %	✓	
82	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
83	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
85	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
86	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
87	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
88	• carbazole	201-696-0	86-74-8		0.036 mg/kg		0.031	mg/kg	0.0000031 %	✓	
89	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92	3,4-xenol; [1] 2,5-xenol; [2] 2,4-xenol; [3] 2,3-xenol; [4] 2,6-xenol; [5] xenol; [6] 2,4(or 2,5)-xenol [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
93	2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-017-00-X	202-467-8	95-95-4								
94	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-018-00-5	201-795-9	88-06-2								
95	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-014-00-3	200-431-6	59-50-7								
96	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-015-00-2	202-811-7	100-02-7								
97	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-002-00-8	201-778-6	87-86-5								
98	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
99	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-079-9	91-58-7								
100	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-078-3	91-57-6								
101	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	607-318-00-4	201-557-4	84-74-2								
102	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		204-214-7	117-84-0								
103	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		201-550-6	84-66-2								
104	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
		205-011-6	131-11-3								
105	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]								
106	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-049-00-8	210-106-0	606-20-2								
107	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-952-4	101-55-3								
108	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	612-137-00-9	203-401-0	106-47-8								
109	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		230-281-7	7005-72-3								
110	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	611-001-00-6	203-102-5	103-33-3								
111	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		203-920-2	111-91-1								
112	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	603-029-00-2	203-870-1	111-44-4								
113	dibenzofuran				0.016 mg/kg		0.0138 mg/kg	0.00000138 %	✓		
		205-071-3	132-64-9								
114	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	602-065-00-6	204-273-9	118-74-1								
115	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	602-078-00-7	201-029-3	77-47-4								
116	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		200-666-4	67-72-1								
117	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	606-012-00-8	201-126-0	78-59-1								
118	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	612-098-00-8	210-698-0	621-64-7								
119	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	609-003-00-7	202-716-0	98-95-3								
120	TPH (C6 to C40) petroleum group				505 mg/kg		434.596 mg/kg	0.0435 %	✓		
			TPH								



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
121		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]									
		202-423-8 [2]	95-48-7 [2]									
		203-398-6 [3]	106-44-5 [3]									
		215-293-2 [4]	1319-77-3 [4]									
122		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg		<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2									
		202-729-1 [2]	[2] 100-01-6 [3]									
		202-810-1 [3]										
Total:										0.0629 %		

Key

	User 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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0435%)



Classification of sample: TP24-28/07/2021-0.25-0.40m

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

Sample details

Sample name:	LoW Code:
TP24-28/07/2021-0.25-0.40m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
16.7% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 16.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				46.1 mg/kg	1.462	57.736 mg/kg	0.00577 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				12.5 mg/kg		10.711 mg/kg	0.00107 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium selenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.1 mg/kg		0.0857 mg/kg	0.00000857 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				17 mg/kg	1.252	18.235 mg/kg	0.00182 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16 mg/kg		13.71 mg/kg	0.00137 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	29 mg/kg		24.85 mg/kg	0.00249 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				64 mg/kg	1.245	68.262 mg/kg	0.00683 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				7.94	pH		7.94	pH	7.94 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0236 %		

Key

	User 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: TP25-29/07/2021-0.30-0.50m

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

Sample details

Sample name:	LoW Code:
TP25-29/07/2021-0.30-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
11.8% (dry weight correction)	

Hazard properties

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

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

Because of determinand:

pH: (conc.: 12.07 pH)

Determinands

Moisture content: 11.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				43.5 mg/kg	1.462	56.867 mg/kg	0.00569 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				10.4 mg/kg		9.302 mg/kg	0.00093 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.358 mg/kg	0.0000358 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				15 mg/kg	1.252	16.795 mg/kg	0.00168 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	107 mg/kg		95.707 mg/kg	0.00957 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	7.5 mg/kg		6.708 mg/kg	0.000671 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	zinc { zinc oxide }				72	mg/kg	1.245	80.16	mg/kg	0.00802 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				0.09	mg/kg		0.0805	mg/kg	0.00000805 %	✓	
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				0.12	mg/kg		0.107	mg/kg	0.0000107 %	✓	
		205-912-4	206-44-0									
22	pyrene				0.1	mg/kg		0.0894	mg/kg	0.00000894 %	✓	
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.04	mg/kg		0.0358	mg/kg	0.00000358 %	✓	
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH		PH		12.07	pH		12.07	pH	12.07 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
42	bromochloromethane	200-826-3	74-97-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
43	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
44	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
45	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
46	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
47	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
48	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
49	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
50	dibromomethane	602-003-00-8	200-824-2	74-95-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
53	trans-1,3-dichloropropene	431-460-4	10061-02-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
54	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
55	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
56	1,3-dichloropropane	205-531-3	142-28-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
57	dibromochloromethane	204-704-0	124-48-1		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
58	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
59	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
60	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
61	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
62	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
63	bromobenzene	602-060-00-9	203-623-8	108-86-1	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
64	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
65	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
66	tert-butylbenzene	202-632-4	98-06-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
67	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
68	sec-butylbenzene	205-227-0	135-98-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
69	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-035-00-2	203-400-5	106-46-7								
72	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		203-209-7	104-51-8								
73	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-034-00-7	202-425-9	95-50-1								
74	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-021-00-6	202-479-3	96-12-8								
75	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-087-00-6	204-428-0	120-82-1								
76	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		201-765-5	87-68-3								
77	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
		201-757-1	87-61-6								
78	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
79	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-026-00-0	202-851-5	100-42-5								
80	polychlorobiphenyls; PCB				<35 µg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
	602-039-00-4	215-648-1	1336-36-3								
81	coronene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		205-881-7	191-07-1								
82	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %			<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]								
83	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]								
84	cumene; [1] propylbenzene [2]				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]								
85	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]								
86	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	607-317-00-9	204-211-0	117-81-7								
87	BBP; benzyl butyl phthalate				0.153 mg/kg		0.137 mg/kg	0.0000137 %	✓		
	607-430-00-3	201-622-7	85-68-7								
88	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-696-0	86-74-8								
89	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]								
90	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-857-5	88-75-5								
91	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-011-00-7	204-429-6	120-83-2								
92	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3]								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]							
93	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
94	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
95	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
97	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
98	phenol; carbolic acid; monohydroxybenzene; phenylalcohol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
99	2-chloronaphthalene 202-079-9	91-58-7			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
100	2-methyl naphthalene 202-078-3	91-57-6			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
101	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
102	di-n-octyl phthalate 204-214-7	117-84-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
103	diethyl phthalate 201-550-6	84-66-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
104	dimethyl phthalate 205-011-6	131-11-3			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
105	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
106	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
107	4-bromophenylphenylether 202-952-4	101-55-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
108	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
109	4-chlorophenylphenylether 230-281-7	7005-72-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
110	azobenzene 611-001-00-6	203-102-5	103-33-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
111	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
112	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
113	dibenzofuran 205-071-3	132-64-9			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
114	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
115	hexachlorocyclopentadiene 602-078-00-7	201-029-3	77-47-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
116	hexachloroethane 200-666-4	67-72-1			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
117	3,5,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
118	nitrosodipropylamine 612-098-00-8	210-698-0	621-64-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
119	nitrobenzene 609-003-00-7	202-716-0	98-95-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
120	◆	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD	
			TPH									
121		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD	
	604-004-00-9	203-577-9 [1]	108-39-4 [1]									
		202-423-8 [2]	95-48-7 [2]									
		203-398-6 [3]	106-44-5 [3]									
		215-293-2 [4]	1319-77-3 [4]									
122		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD	
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2									
		202-729-1 [2]	[2] 100-01-6 [3]									
		202-810-1 [3]										
Total:									0.0309 %			

Key

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

Classification of sample: TP26-28/07/2021-0.30-0.50m

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

Sample details

Sample name:	LoW Code:
TP26-28/07/2021-0.30-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
2.8% (dry weight correction)	

Hazard properties

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

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

Because of determinand:

pH: (conc.: 11.8 pH)

Determinands

Moisture content: 2.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				12.1 mg/kg	1.462	17.203 mg/kg	0.00172 %		✓	
		215-160-9	1308-38-9								
6	arsenic { arsenic }				3.7 mg/kg		3.599 mg/kg	0.00036 %		✓	
	033-001-00-X	231-148-6	7440-38-2								
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.6 mg/kg		0.584 mg/kg	0.0000584 %		✓	
	048-001-00-5										
8	copper { copper(II) oxide }				2 mg/kg	1.252	2.435 mg/kg	0.000244 %		✓	
	029-016-00-6	215-269-1	1317-38-0								
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11 mg/kg		10.7 mg/kg	0.00107 %		✓	
	082-001-00-6										
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
11	nickel { nickel }			7	2.4 mg/kg		2.335 mg/kg	0.000233 %		✓	
	028-002-00-7	231-111-4	7440-02-0								
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	zinc { zinc oxide }				57	mg/kg	1.245	69.016	mg/kg	0.0069 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				11.8	pH		11.8	pH	11.8 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
41	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
42	bromochloromethane	200-826-3	74-97-5		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
43	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
44	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
45	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
46	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
47	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
48	trichloroethylene; trichloroethene	602-027-00-9	201-167-4	79-01-6	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
49	1,2-dichloropropane; propylene dichloride	602-020-00-0	201-152-2	78-87-5	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
50	dibromomethane	602-003-00-8	200-824-2	74-95-3	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
51	bromodichloromethane	200-856-7	75-27-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
53	trans-1,3-dichloropropene	431-460-4	10061-02-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
54	1,1,2-trichloroethane	602-014-00-8	201-166-9	79-00-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
55	tetrachloroethylene	602-028-00-4	204-825-9	127-18-4	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
56	1,3-dichloropropane	205-531-3	142-28-9		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
57	dibromochloromethane	204-704-0	124-48-1		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
58	1,2-dibromoethane	602-010-00-6	203-444-5	106-93-4	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
59	chlorobenzene	602-033-00-1	203-628-5	108-90-7	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
60	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
61	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
62	1,1,2,2-tetrachloroethane	602-015-00-3	201-197-8	79-34-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
63	bromobenzene	602-060-00-9	203-623-8	108-86-1	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
64	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
65	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
66	tert-butylbenzene	202-632-4	98-06-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
67	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
68	sec-butylbenzene	205-227-0	135-98-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
69	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							
72	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
73	1,2-dichlorobenzene; o-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-034-00-7	202-425-9	95-50-1							
74	1,2-dibromo-3-chloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-021-00-6	202-479-3	96-12-8							
75	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
76	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							
77	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6							
78	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4							
79	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5							
80	xylene				<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
	601-022-00-9	202-422-2 [1]	95-47-6 [1]							
		203-396-5 [2]	106-42-3 [2]							
		203-576-3 [3]	108-38-3 [3]							
		215-535-7 [4]	1330-20-7 [4]							
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-026-00-3	208-750-2 [1]	540-59-0 [1]							
		205-859-7 [2]	156-59-2 [2]							
		205-860-2 [3]	156-60-5 [3]							
82	cumene; [1] propylbenzene [2]				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	601-024-00-X	202-704-5 [1]	98-82-8 [1]							
		203-132-9 [2]	103-65-1 [2]							
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-040-00-X	202-424-3 [1]	95-49-8 [1]							
		203-580-5 [2]	108-41-8 [2]							
		203-397-0 [3]	106-43-4 [3]							
		246-698-2 [4]	25168-05-2 [4]							
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-317-00-9	204-211-0	117-81-7							
85	BBP; benzyl butyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-430-00-3	201-622-7	85-68-7							
86	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8							
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-008-00-0	202-433-2 [1]	95-57-8 [1]							
		203-402-6 [2]	106-48-9 [2]							
		203-582-6 [3]	108-43-0 [3]							
		246-691-4 [4]	25167-80-0 [4]							
88	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5							
89	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
90	3,4-xenol; [1] 2,5-xenol; [2] 2,4-xenol; [3] 2,3-xenol; [4] 2,6-xenol; [5] xenol; [6] 2,4(or 2,5)-xenol [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1]	95-65-8 [1]							
		202-461-5 [2]	105-67-9 [3]							
		203-321-6 [3]	526-75-0 [4]							
		208-395-3 [4]	576-26-1 [5]							
		209-400-1 [5]	1300-71-6 [6]							
		215-089-3 [6]	71975-58-1 [7]							
		276-245-4 [7]								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
91	2,4,5-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-017-00-X	202-467-8	95-95-4							
92	2,4,6-trichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-018-00-5	201-795-9	88-06-2							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]								
		202-423-8 [2]	95-48-7 [2]								
		203-398-6 [3]	106-44-5 [3]								
		215-293-2 [4]	1319-77-3 [4]								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2								
		202-729-1 [2]	[2] 100-01-6 [3]								
		202-810-1 [3]									
Total:									0.0148 %		

Key

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

Classification of sample: TP28-29/07/2021-0.30-0.50m

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

Sample details

Sample name:	LoW Code:
TP28-29/07/2021-0.30-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
5.1% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 5.1% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				50.3 mg/kg	1.462	69.949 mg/kg	0.00699 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				6.5 mg/kg		6.185 mg/kg	0.000618 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	1.1 mg/kg		1.047 mg/kg	0.000105 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				5 mg/kg	1.252	5.955 mg/kg	0.000596 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	69 mg/kg		65.652 mg/kg	0.00657 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	5.5 mg/kg		5.233 mg/kg	0.000523 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				84 mg/kg	1.245	99.482 mg/kg	0.00995 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-917-1	208-96-8								
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		201-581-5	85-01-8								
20	anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		204-371-1	120-12-7								
21	fluoranthene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-912-4	206-44-0								
22	pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		204-927-3	129-00-0								
23	benzo[a]anthracene				<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	601-048-00-0	205-923-4	218-01-9								
25	benzo[a]pyrene; benzo[def]chrysene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
26	indeno[123-cd]pyrene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		205-893-2	193-39-5								
27	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
28	benzo[ghi]perylene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		205-883-8	191-24-2								
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
31	pH				11.12 pH		11.12 pH	11.12 pH			
			PH								
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0296 %		

Key

	User 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: WS03-27/07/2021-0.12-0.40m

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

Sample details

Sample name:	LoW Code:
WS03-27/07/2021-0.12-0.40m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 03 * (Soil and stones containing hazardous substances)
8.5% (dry weight correction)	

Hazard properties

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

Hazard Statements hit:

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

Because of determinand:

lead compounds with the exception of those specified elsewhere in this Annex (worst case): (Note 1 conc.: 0.11%)

Determinands

Moisture content: 8.5% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X	216-653-1	1634-04-4		<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
2	benzene 601-020-00-8	200-753-7	71-43-2		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
3	toluene 601-021-00-3	203-625-9	108-88-3		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
4	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		38.1 mg/kg	1.462	51.323 mg/kg	0.00513 %	✓	
6	arsenic { arsenic } 033-001-00-X	231-148-6	7440-38-2		7.3 mg/kg		6.728 mg/kg	0.000673 %	✓	
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex } 048-001-00-5			1	0.1 mg/kg		0.0922 mg/kg	0.00000922 %	✓	
8	copper { copper(II) oxide } 029-016-00-6	215-269-1	1317-38-0		13 mg/kg	1.252	14.998 mg/kg	0.0015 %	✓	
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	1195 mg/kg		1101.382 mg/kg	0.11 %	✓	
10	mercury { mercury } 080-001-00-0	231-106-7	7439-97-6		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
11	nickel { nickel } 028-002-00-7	231-111-4	7440-02-0	7	9.8 mg/kg		9.032 mg/kg	0.000903 %	✓	



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
12	selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2									
13	zinc { zinc oxide }				179	mg/kg	1.245	205.349	mg/kg	0.0205 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				0.04	mg/kg		0.0369	mg/kg	0.00000369 %	✓	
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				0.08	mg/kg		0.0737	mg/kg	0.00000737 %	✓	
		201-581-5	85-01-8									
20	anthracene				0.11	mg/kg		0.101	mg/kg	0.0000101 %	✓	
		204-371-1	120-12-7									
21	fluoranthene				0.12	mg/kg		0.111	mg/kg	0.0000111 %	✓	
		205-912-4	206-44-0									
22	pyrene				0.14	mg/kg		0.129	mg/kg	0.0000129 %	✓	
		204-927-3	129-00-0									
23	benzo[a]anthracene				0.12	mg/kg		0.111	mg/kg	0.0000111 %	✓	
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.14	mg/kg		0.129	mg/kg	0.0000129 %	✓	
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				0.13	mg/kg		0.12	mg/kg	0.000012 %	✓	
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				0.11	mg/kg		0.101	mg/kg	0.0000101 %	✓	
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				0.16	mg/kg		0.147	mg/kg	0.0000147 %	✓	
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				0.21	mg/kg		0.194	mg/kg	0.0000194 %	✓	
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				0.08	mg/kg		0.0737	mg/kg	0.00000737 %	✓	
	601-036-00-5	205-916-6	207-08-9									
31	pH		PH		8.1	pH		8.1	pH	8.1 pH		
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	209-832-0		594-20-7							
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	200-826-3		74-97-5							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				13 µg/kg		0.012 mg/kg	0.0000012 %	✓	
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	200-856-7		75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	431-460-4		10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				4 µg/kg		0.0036 mg/kg	0.000000369 %	✓	
	602-028-00-4	204-825-9	127-18-4							
56	1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	205-531-3		142-28-9							
57	dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	204-704-0		124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	211-135-1		630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				16 µg/kg		0.0147 mg/kg	0.00000147 %	✓	
	601-025-00-5	203-604-4	108-67-8							
66	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	202-632-4		98-06-6							
67	1,2,4-trimethylbenzene				52 µg/kg		0.0479 mg/kg	0.00000479 %	✓	
	601-043-00-3	202-436-9	95-63-6							
68	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	205-227-0		135-98-8							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
69	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
70	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
71	1,4-dichlorobenzene; p-dichlorobenzene	602-035-00-2	203-400-5	106-46-7	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
72	n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
86	carbazole	201-696-0	86-74-8		0.03 mg/kg		0.0276	mg/kg	0.00000276 %	✓	
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
		209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	1300-71-6 [6] 71975-58-1 [7]							
91	2,4,5-trichlorophenol 604-017-00-X	202-467-8	95-95-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol 604-018-00-5	201-795-9	88-06-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol 604-014-00-3	200-431-6	59-50-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
94	4-nitrophenol; p-nitrophenol 609-015-00-2	202-811-7	100-02-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
95	pentachlorophenol 604-002-00-8	201-778-6	87-86-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol 604-001-00-2	203-632-7	108-95-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
97	2-chloronaphthalene 202-079-9	91-58-7			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
98	2-methyl naphthalene 202-078-3	91-57-6			0.043 mg/kg		0.0396 mg/kg	0.00000396 %	✓	
99	dibutyl phthalate; DBP 607-318-00-4	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
100	di-n-octyl phthalate 204-214-7	117-84-0			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
101	diethyl phthalate 201-550-6	84-66-2			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
102	dimethyl phthalate 205-011-6	131-11-3			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
103	2,4-dinitrotoluene; [1] dinitrotoluene [2] 609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
104	2,6-dinitrotoluene 609-049-00-8	210-106-0	606-20-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
105	4-bromophenylphenylether 202-952-4	101-55-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
106	4-chloroaniline 612-137-00-9	203-401-0	106-47-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
107	4-chlorophenylphenylether 230-281-7	7005-72-3			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
108	azobenzene 611-001-00-6	203-102-5	103-33-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
109	bis(2-chloroethoxy)methane 203-920-2	111-91-1			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
110	bis(2-chloroethyl) ether 603-029-00-2	203-870-1	111-44-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
111	dibenzofuran 205-071-3	132-64-9			0.016 mg/kg		0.0147 mg/kg	0.00000147 %	✓	
112	hexachlorobenzene 602-065-00-6	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
113	hexachlorocyclopentadiene 602-078-00-7	201-029-3	77-47-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
114	hexachloroethane 200-666-4	67-72-1			<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
115	3,5-trimethylcyclohex-2-enone; isophorone 606-012-00-8	201-126-0	78-59-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
116	nitrosodipropylamine 612-098-00-8	210-698-0	621-64-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
117	nitrobenzene 609-003-00-7	202-716-0	98-95-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
118	TPH (C6 to C40) petroleum group TPH				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
119		m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg		<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1]	108-39-4 [1]									
		202-423-8 [2]	95-48-7 [2]									
		203-398-6 [3]	106-44-5 [3]									
		215-293-2 [4]	1319-77-3 [4]									
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg		<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2									
		202-729-1 [2]	[2] 100-01-6 [3]									
		202-810-1 [3]										
Total:											0.143 %	

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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinands:

mesitylene; 1,3,5-trimethylbenzene: (conc.: 1.47e-06%)

1,2,4-trimethylbenzene: (conc.: 4.79e-06%)



Classification of sample: WS03-27/07/2021-0.60-0.80m

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

Sample details

Sample name:	LoW Code:
WS03-27/07/2021-0.60-0.80m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.7% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				54.1 mg/kg	1.462	66.613 mg/kg	0.00666 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				13.6 mg/kg		11.457 mg/kg	0.00115 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.1 mg/kg		0.0842 mg/kg	0.00000842 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				19 mg/kg	1.252	20.037 mg/kg	0.002 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	22 mg/kg		18.534 mg/kg	0.00185 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	33.4 mg/kg		28.138 mg/kg	0.00281 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				71 mg/kg	1.245	74.452 mg/kg	0.00745 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				7.74	pH		7.74	pH	7.74 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]								
Total:									0.0262 %		

Key

	User 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: WS04-27/07/2021-0.42-0.60m

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

Sample details

Sample name:	LoW Code:
WS04-27/07/2021-0.42-0.60m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
14.6% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 14.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				50.5 mg/kg	1.462	64.405 mg/kg	0.00644 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				12.6 mg/kg		10.995 mg/kg	0.0011 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium selenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.1 mg/kg		0.0873 mg/kg	0.00000873 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				17 mg/kg	1.252	18.569 mg/kg	0.00186 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16 mg/kg		13.962 mg/kg	0.0014 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	28.5 mg/kg		24.869 mg/kg	0.00249 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				66 mg/kg	1.245	71.685 mg/kg	0.00717 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				7.32	pH		7.32	pH	7.32 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0247 %		

Key

	User 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: WS05-27/07/2021-0.25-0.50m

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

Sample details

Sample name:	LoW Code:
WS05-27/07/2021-0.25-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
3.6% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.6% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				8.1 mg/kg	1.462	11.427 mg/kg	0.00114 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				3.4 mg/kg		3.282 mg/kg	0.000328 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium selenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.386 mg/kg	0.0000386 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				4 mg/kg	1.252	4.833 mg/kg	0.000483 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	21 mg/kg		20.27 mg/kg	0.00203 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	3.8 mg/kg		3.668 mg/kg	0.000367 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				53 mg/kg	1.245	63.677 mg/kg	0.00637 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
20	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
21	fluoranthene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
22	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		204-927-3	129-00-0									
23	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
31	pH				10.02	pH		10.02	pH	10.02 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.015 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated 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: WS06-27/07/2021-0.30-0.50m

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

Sample details

Sample name:	LoW Code:
WS06-27/07/2021-0.30-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
2.7% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 2.7% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				6 µg/kg		0.0058 mg/kg	0.000000584 %	✓	
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				13.4 mg/kg	1.462	19.07 mg/kg	0.00191 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				4.7 mg/kg		4.576 mg/kg	0.000458 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.3 mg/kg		0.292 mg/kg	0.0000292 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				7 mg/kg	1.252	8.532 mg/kg	0.000853 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18 mg/kg		17.527 mg/kg	0.00175 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	5.9 mg/kg		5.745 mg/kg	0.000574 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				65 mg/kg	1.245	78.779 mg/kg	0.00788 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-917-1	208-96-8								
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				0.12 mg/kg		0.117 mg/kg	0.0000117 %		✓	
		201-581-5	85-01-8								
20	anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		204-371-1	120-12-7								
21	fluoranthene				0.17 mg/kg		0.166 mg/kg	0.0000166 %		✓	
		205-912-4	206-44-0								
22	pyrene				0.14 mg/kg		0.136 mg/kg	0.0000136 %		✓	
		204-927-3	129-00-0								
23	benzo[a]anthracene				0.07 mg/kg		0.0682 mg/kg	0.00000682 %		✓	
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				0.06 mg/kg		0.0584 mg/kg	0.00000584 %		✓	
	601-048-00-0	205-923-4	218-01-9								
25	benzo[a]pyrene; benzo[def]chrysene				0.06 mg/kg		0.0584 mg/kg	0.00000584 %		✓	
	601-032-00-3	200-028-5	50-32-8								
26	indeno[123-cd]pyrene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		205-893-2	193-39-5								
27	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
28	benzo[ghi]perylene				0.04 mg/kg		0.0389 mg/kg	0.00000389 %		✓	
		205-883-8	191-24-2								
29	benzo[b]fluoranthene				0.09 mg/kg		0.0876 mg/kg	0.00000876 %		✓	
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				0.03 mg/kg		0.0292 mg/kg	0.00000292 %		✓	
	601-036-00-5	205-916-6	207-08-9								
31	pH				10.3 pH		10.3 pH	10.3 pH			
			PH								
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
80	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]	0.005 mg/kg		0.0048 mg/kg	0.000000487 %	✓		
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number							
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2								
		202-729-1 [2]	[2] 100-01-6 [3]								
		202-810-1 [3]									
Total:									0.0177 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

toluene: (conc.: 5.84e-07%)

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

Because of determinand:

xylene: (conc.: 4.87e-07%)



Classification of sample: WS16-28/07/2021-0.20-0.40m

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

Sample details

Sample name:	LoW Code:
WS16-28/07/2021-0.20-0.40m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
6.3% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 6.3% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				9.9 mg/kg	1.462	13.612 mg/kg	0.00136 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				2.7 mg/kg		2.54 mg/kg	0.000254 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.376 mg/kg	0.0000376 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				9 mg/kg	1.252	10.598 mg/kg	0.00106 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	28 mg/kg		26.341 mg/kg	0.00263 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	7.6 mg/kg		7.15 mg/kg	0.000715 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				75 mg/kg	1.245	87.821 mg/kg	0.00878 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				0.04 mg/kg		0.0376 mg/kg	0.00000376 %		✓	
		205-917-1	208-96-8								
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				0.1 mg/kg		0.0941 mg/kg	0.00000941 %		✓	
		201-581-5	85-01-8								
20	anthracene				0.07 mg/kg		0.0659 mg/kg	0.00000659 %		✓	
		204-371-1	120-12-7								
21	fluoranthene				0.29 mg/kg		0.273 mg/kg	0.0000273 %		✓	
		205-912-4	206-44-0								
22	pyrene				0.27 mg/kg		0.254 mg/kg	0.0000254 %		✓	
		204-927-3	129-00-0								
23	benzo[a]anthracene				0.19 mg/kg		0.179 mg/kg	0.0000179 %		✓	
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				0.19 mg/kg		0.179 mg/kg	0.0000179 %		✓	
	601-048-00-0	205-923-4	218-01-9								
25	benzo[a]pyrene; benzo[def]chrysene				0.17 mg/kg		0.16 mg/kg	0.000016 %		✓	
	601-032-00-3	200-028-5	50-32-8								
26	indeno[123-cd]pyrene				0.13 mg/kg		0.122 mg/kg	0.0000122 %		✓	
		205-893-2	193-39-5								
27	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
28	benzo[ghi]perylene				0.13 mg/kg		0.122 mg/kg	0.0000122 %		✓	
		205-883-8	191-24-2								
29	benzo[b]fluoranthene				0.27 mg/kg		0.254 mg/kg	0.0000254 %		✓	
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				0.11 mg/kg		0.103 mg/kg	0.0000103 %		✓	
	601-036-00-5	205-916-6	207-08-9								
31	pH				9.26 pH		9.26 pH	9.26 pH			
			PH								
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %			<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
86	• carbazole	201-696-0	86-74-8		0.016 mg/kg		0.0151 mg/kg	0.00000151 %	✓		
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				0.016 mg/kg		0.0151 mg/kg	0.00000151 %	✓	
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %		<LOD
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.0192 %		

Key

	User 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: WS17-28/07/2021-0.30-0.60m

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

Sample details

Sample name:	LoW Code:
WS17-28/07/2021-0.30-0.60m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
7.4% (dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.4% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				15.8 mg/kg	1.462	21.501 mg/kg	0.00215 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				3.6 mg/kg		3.352 mg/kg	0.000335 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.372 mg/kg	0.0000372 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				4 mg/kg	1.252	4.662 mg/kg	0.000466 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	15 mg/kg		13.966 mg/kg	0.0014 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	3.8 mg/kg		3.538 mg/kg	0.000354 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				56 mg/kg	1.245	64.901 mg/kg	0.00649 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
15	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
16	acenaphthylene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-917-1	208-96-8								
17	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
18	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
19	phenanthrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		201-581-5	85-01-8								
20	anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		204-371-1	120-12-7								
21	fluoranthene				0.03 mg/kg		0.0279 mg/kg	0.00000279 %		✓	
		205-912-4	206-44-0								
22	pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		204-927-3	129-00-0								
23	benzo[a]anthracene				<0.06 mg/kg		<0.06 mg/kg	<0.000006 %			<LOD
	601-033-00-9	200-280-6	56-55-3								
24	chrysene				0.02 mg/kg		0.0186 mg/kg	0.00000186 %		✓	
	601-048-00-0	205-923-4	218-01-9								
25	benzo[a]pyrene; benzo[def]chrysene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-032-00-3	200-028-5	50-32-8								
26	indeno[123-cd]pyrene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		205-893-2	193-39-5								
27	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
28	benzo[ghi]perylene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		205-883-8	191-24-2								
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
	601-034-00-4	205-911-9	205-99-2								
30	benzo[k]fluoranthene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	601-036-00-5	205-916-6	207-08-9								
31	pH				9.56 pH		9.56 pH	9.56 pH			
			PH								
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
33	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-893-9	75-71-8								
34	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-001-00-7	200-817-4	74-87-3								
35	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %			<LOD
	602-002-00-2	200-813-2	74-83-9								
36	chloroethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-009-00-0	200-830-5	75-00-3								
37	trichlorofluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		200-892-3	75-69-4								
38	1,1-dichloroethylene; vinylidene chloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	602-025-00-8	200-864-0	75-35-4								
39	dichloromethane; methylene chloride				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-004-00-3	200-838-9	75-09-2								
40	1,1-dichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-011-00-1	200-863-5	75-34-3								
41	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		209-832-0	594-20-7								
42	bromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		200-826-3	74-97-5								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013 mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				132 mg/kg		122.905 mg/kg	0.0123 %	✓	
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
120	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1]	88-74-4 [1] 99-09-2							
		202-729-1 [2]	[2] 100-01-6 [3]							
			202-810-1 [3]							
Total:								0.024 %		

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	Speciated Determinand - Unless the Determinand is Note 1, the Conversion Factor is used to calculate the compound concentration
<LOD	Below limit of detection
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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0123%)



Classification of sample: WS18-28/07/2021-0.30-0.50m

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

Sample details

Sample name:	LoW Code:
WS18-28/07/2021-0.30-0.50m	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry: 17 05 04 (Soil and stones other than those mentioned in 17 05 03)
11% (dry weight correction)	

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48.5 mg/kg	1.462	63.861 mg/kg	0.00639 %	✓	
		215-160-9	1308-38-9							
6	arsenic { arsenic }				11.6 mg/kg		10.45 mg/kg	0.00105 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
7	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.4 mg/kg		0.36 mg/kg	0.000036 %	✓	
	048-001-00-5									
8	copper { copper(II) oxide }				24 mg/kg	1.252	27.065 mg/kg	0.00271 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
9	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		17.117 mg/kg	0.00171 %	✓	
	082-001-00-6									
10	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
11	nickel { nickel }			7	22.3 mg/kg		20.09 mg/kg	0.00201 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
12	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
13	zinc { zinc oxide }				80 mg/kg	1.245	89.709 mg/kg	0.00897 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
14	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
15	naphthalene				0.07	mg/kg		0.0631	mg/kg	0.00000631 %	✓	
	601-052-00-2	202-049-5	91-20-3									
16	acenaphthylene				0.12	mg/kg		0.108	mg/kg	0.0000108 %	✓	
		205-917-1	208-96-8									
17	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
18	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
19	phenanthrene				0.26	mg/kg		0.234	mg/kg	0.0000234 %	✓	
		201-581-5	85-01-8									
20	anthracene				0.22	mg/kg		0.198	mg/kg	0.0000198 %	✓	
		204-371-1	120-12-7									
21	fluoranthene				0.72	mg/kg		0.649	mg/kg	0.0000649 %	✓	
		205-912-4	206-44-0									
22	pyrene				0.65	mg/kg		0.586	mg/kg	0.0000586 %	✓	
		204-927-3	129-00-0									
23	benzo[a]anthracene				0.44	mg/kg		0.396	mg/kg	0.0000396 %	✓	
	601-033-00-9	200-280-6	56-55-3									
24	chrysene				0.61	mg/kg		0.55	mg/kg	0.000055 %	✓	
	601-048-00-0	205-923-4	218-01-9									
25	benzo[a]pyrene; benzo[def]chrysene				0.57	mg/kg		0.514	mg/kg	0.0000514 %	✓	
	601-032-00-3	200-028-5	50-32-8									
26	indeno[123-cd]pyrene				0.5	mg/kg		0.45	mg/kg	0.000045 %	✓	
		205-893-2	193-39-5									
27	dibenz[a,h]anthracene				0.1	mg/kg		0.0901	mg/kg	0.00000901 %	✓	
	601-041-00-2	200-181-8	53-70-3									
28	benzo[ghi]perylene				0.5	mg/kg		0.45	mg/kg	0.000045 %	✓	
		205-883-8	191-24-2									
29	benzo[b]fluoranthene				0.99	mg/kg		0.892	mg/kg	0.0000892 %	✓	
	601-034-00-4	205-911-9	205-99-2									
30	benzo[k]fluoranthene				0.38	mg/kg		0.342	mg/kg	0.0000342 %	✓	
	601-036-00-5	205-916-6	207-08-9									
31	pH				9.01	pH		9.01	pH	9.01 pH		
			PH									
32	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
33	dichlorodifluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8									
34	chloromethane; methyl chloride				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3									
35	bromomethane; methylbromide				<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9									
36	chloroethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-009-00-0	200-830-5	75-00-3									
37	trichlorofluoromethane				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
		200-892-3	75-69-4									
38	1,1-dichloroethylene; vinylidene chloride				<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
	602-025-00-8	200-864-0	75-35-4									
39	dichloromethane; methylene chloride				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	602-004-00-3	200-838-9	75-09-2									
40	1,1-dichloroethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	602-011-00-1	200-863-5	75-34-3									
41	2,2-dichloropropane				<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7									
42	bromochloromethane				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
		200-826-3	74-97-5									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
43	chloroform; trichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
44	1,1,1-trichloroethane; methyl chloroform				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
45	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
46	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
47	1,2-dichloroethane; ethylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
48	trichloroethylene; trichloroethene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
49	1,2-dichloropropane; propylene dichloride				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
50	dibromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
51	• bromodichloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-856-7	75-27-4							
52	1,3-dichloropropene; [1] (Z)-1,3-dichloropropene [2]				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-030-00-5	208-826-5 [1] 233-195-8 [2]	542-75-6 [1] 10061-01-5 [2]							
53	• trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
54	1,1,2-trichloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
55	tetrachloroethylene				3 µg/kg		0.0027 mg/kg	0.00000027 %	✓	
	602-028-00-4	204-825-9	127-18-4							
56	• 1,3-dichloropropane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		205-531-3	142-28-9							
57	• dibromochloromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		204-704-0	124-48-1							
58	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
59	chlorobenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
60	• 1,1,1,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		211-135-1	630-20-6							
61	bromoform; tribromomethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
62	1,1,2,2-tetrachloroethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-015-00-3	201-197-8	79-34-5							
63	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
64	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
65	mesitylene; 1,3,5-trimethylbenzene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	601-025-00-5	203-604-4	108-67-8							
66	• tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
67	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
68	• sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
69	• 4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
70	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
71	1,4-dichlorobenzene; p-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-035-00-2	203-400-5	106-46-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
72	• n-butylbenzene	203-209-7	104-51-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
73	1,2-dichlorobenzene; o-dichlorobenzene	602-034-00-7	202-425-9	95-50-1	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
74	1,2-dibromo-3-chloropropane	602-021-00-6	202-479-3	96-12-8	<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
75	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
76	• hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
77	• 1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
78	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
79	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
80	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]	<0.013 mg/kg		<0.013	mg/kg	<0.0000013 %		<LOD
81	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]	602-026-00-3	208-750-2 [1] 205-859-7 [2] 205-860-2 [3]	540-59-0 [1] 156-59-2 [2] 156-60-5 [3]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
82	cumene; [1] propylbenzene [2]	601-024-00-X	202-704-5 [1] 203-132-9 [2]	98-82-8 [1] 103-65-1 [2]	<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
83	2-chlorotoluene; [1] 3-chlorotoluene; [2] 4-chlorotoluene; [3] chlorotoluene [4]	602-040-00-X	202-424-3 [1] 203-580-5 [2] 203-397-0 [3] 246-698-2 [4]	95-49-8 [1] 108-41-8 [2] 106-43-4 [3] 25168-05-2 [4]	<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
84	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP	607-317-00-9	204-211-0	117-81-7	0.403 mg/kg		0.363	mg/kg	0.0000363 %	✓	
85	BBP; benzyl butyl phthalate	607-430-00-3	201-622-7	85-68-7	<0.1 mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
86	• carbazole	201-696-0	86-74-8		0.072 mg/kg		0.0649	mg/kg	0.00000649 %	✓	
87	2-chlorophenol; [1] 4-chlorophenol; [2] 3-chlorophenol; [3] chlorophenol [4]	604-008-00-0	202-433-2 [1] 203-402-6 [2] 203-582-6 [3] 246-691-4 [4]	95-57-8 [1] 106-48-9 [2] 108-43-0 [3] 25167-80-0 [4]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
88	• 2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
89	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
90	3,4-xylene; [1] 2,5-xylene; [2] 2,4-xylene; [3] 2,3-xylene; [4] 2,6-xylene; [5] xylene; [6] 2,4(or 2,5)-xylene [7]	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
91	2,4,5-trichlorophenol	604-017-00-X	202-467-8	95-95-4	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
92	2,4,6-trichlorophenol	604-018-00-5	201-795-9	88-06-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
93	chlorocresol; 4-chloro-m-cresol; 4-chloro-3-methylphenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-014-00-3	200-431-6	59-50-7							
94	4-nitrophenol; p-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-015-00-2	202-811-7	100-02-7							
95	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
96	phenol; carboic acid; monohydroxybenzene; phenylalcohol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
97	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
98	2-methyl naphthalene				0.064 mg/kg		0.0577 mg/kg	0.00000577 %	✓	
		202-078-3	91-57-6							
99	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
100	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
101	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
102	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
103	2,4-dinitrotoluene; [1] dinitrotoluene [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-007-00-9	204-450-0 [1] 246-836-1 [2]	121-14-2 [1] 25321-14-6 [2]							
104	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
105	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
106	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
107	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
108	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							
109	bis(2-chloroethoxy)methane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1							
110	bis(2-chloroethyl) ether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	603-029-00-2	203-870-1	111-44-4							
111	dibenzofuran				0.061 mg/kg		0.055 mg/kg	0.0000055 %	✓	
		205-071-3	132-64-9							
112	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
113	hexachlorocyclopentadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4							
114	hexachloroethane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1							
115	3,5,5-trimethylcyclohex-2-enone; isophorone				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	606-012-00-8	201-126-0	78-59-1							
116	nitrosodipropylamine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7							
117	nitrobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3							
118	TPH (C6 to C40) petroleum group				204 mg/kg		183.784 mg/kg	0.0184 %	✓	
			TPH							
119	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]							



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
120		o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]				<0.03 mg/kg		<0.03 mg/kg		<0.000003 %		<LOD
	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]									
Total:											0.0422 %	

Key

	User supplied data
	Determinand values ignored for classification, see column 'Conc. Not Used' for reason
	Determinand defined or amended by HazWasteOnline (see Appendix A)
	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 WM3 states that the Hazard Statement HP 3 (first and fourth indents) can be discounted as this is a solid waste without a free draining liquid phase.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.0184%)



Classification of sample: BH7

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

Sample details

Sample name:	LoW Code:
BH7	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)
0.30-0.40 m	
Moisture content:	
15.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 15.4% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002 µg/kg		<2.0e-06 mg/kg	<2.0e-10 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				125.9 mg/kg	1.462	159.454 mg/kg	0.0159 %	✓	
		215-160-9	1308-38-9							
6	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
7	arsenic { arsenic }				3.1 mg/kg		2.686 mg/kg	0.000269 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
8	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	0.2 mg/kg		0.173 mg/kg	0.0000173 %	✓	
	048-001-00-5									
9	copper { copper(II) oxide }				3 mg/kg	1.252	3.254 mg/kg	0.000325 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9 mg/kg		7.799 mg/kg	0.00078 %	✓	
	082-001-00-6									
11	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
12	nickel { nickel }			7	7.9 mg/kg		6.846 mg/kg	0.000685 %	✓	
	028-002-00-7	231-111-4	7440-02-0							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
13	selenium { selenium }				<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2									
14	zinc { zinc oxide }				14	mg/kg	1.245	15.101	mg/kg	0.00151 %	✓	
	030-013-00-7	215-222-5	1314-13-2									
15	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3	mg/kg	1.923	<0.577	mg/kg	<0.0000577 %		<LOD
	024-001-00-0	215-607-8	1333-82-0									
16	naphthalene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-052-00-2	202-049-5	91-20-3									
17	acenaphthylene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-917-1	208-96-8									
18	acenaphthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9									
19	fluorene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		201-695-5	86-73-7									
20	phenanthrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		201-581-5	85-01-8									
21	anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		204-371-1	120-12-7									
22	fluoranthene				0.05	mg/kg		0.0433	mg/kg	0.00000433 %	✓	
		205-912-4	206-44-0									
23	pyrene				0.05	mg/kg		0.0433	mg/kg	0.00000433 %	✓	
		204-927-3	129-00-0									
24	benzo[a]anthracene				<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				0.03	mg/kg		0.026	mg/kg	0.0000026 %	✓	
	601-048-00-0	205-923-4	218-01-9									
26	benzo[a]pyrene; benzo[def]chrysene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-032-00-3	200-028-5	50-32-8									
27	indeno[123-cd]pyrene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-893-2	193-39-5									
28	dibenz[a,h]anthracene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
	601-041-00-2	200-181-8	53-70-3									
29	benzo[ghi]perylene				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		205-883-8	191-24-2									
30	benzo[b]fluoranthene				<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9									
32	pH				7.75	pH		7.75	pH	7.75 pH		
			PH									
33	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5	mg/kg	1.884	<0.942	mg/kg	<0.0000942 %		<LOD
	006-007-00-5											
Total:										0.0209 %		

Key

- User 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: BH9

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

Sample details

Sample name:	LoW Code:
BH9	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)
0.40-0.50 m	
Moisture content:	
3.8%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 3.8% Dry Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
1	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.002 µg/kg		<2.0e-06 mg/kg	<2.0e-10 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				51 mg/kg	1.462	71.811 mg/kg	0.00718 %	✓	
		215-160-9	1308-38-9							
6	asbestos				<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
	650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5							
7	arsenic { arsenic }				3.9 mg/kg		3.757 mg/kg	0.000376 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
8	cadmium { cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex }			1	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	048-001-00-5									
9	copper { copper(II) oxide }				4 mg/kg	1.252	4.824 mg/kg	0.000482 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	<5 mg/kg		<5 mg/kg	<0.0005 %		<LOD
	082-001-00-6									
11	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
12	nickel { nickel }			7	6 mg/kg		5.78 mg/kg	0.000578 %	✓	
	028-002-00-7	231-111-4	7440-02-0							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
13	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
14	zinc { zinc oxide }				17 mg/kg	1.245	20.385 mg/kg	0.00204 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
15	chromium in chromium(VI) compounds { chromium(VI) oxide }				<0.3 mg/kg	1.923	<0.577 mg/kg	<0.0000577 %			<LOD
	024-001-00-0	215-607-8	1333-82-0								
16	naphthalene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-052-00-2	202-049-5	91-20-3								
17	acenaphthylene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-917-1	208-96-8								
18	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %			<LOD
		201-469-6	83-32-9								
19	fluorene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		201-695-5	86-73-7								
20	phenanthrene				0.06 mg/kg		0.0578 mg/kg	0.00000578 %		✓	
		201-581-5	85-01-8								
21	anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
		204-371-1	120-12-7								
22	fluoranthene				0.17 mg/kg		0.164 mg/kg	0.0000164 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.13 mg/kg		0.125 mg/kg	0.0000125 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.12 mg/kg		0.116 mg/kg	0.0000116 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.09 mg/kg		0.0867 mg/kg	0.00000867 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[a]pyrene; benzo[def]chrysene				0.08 mg/kg		0.0771 mg/kg	0.00000771 %		✓	
	601-032-00-3	200-028-5	50-32-8								
27	indeno[123-cd]pyrene				0.07 mg/kg		0.0674 mg/kg	0.00000674 %		✓	
		205-893-2	193-39-5								
28	dibenz[a,h]anthracene				<0.04 mg/kg		<0.04 mg/kg	<0.000004 %			<LOD
	601-041-00-2	200-181-8	53-70-3								
29	benzo[ghi]perylene				0.06 mg/kg		0.0578 mg/kg	0.00000578 %		✓	
		205-883-8	191-24-2								
30	benzo[b]fluoranthene				0.13 mg/kg		0.125 mg/kg	0.0000125 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				0.05 mg/kg		0.0482 mg/kg	0.00000482 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	pH				9.12 pH		9.12 pH	9.12 pH			
			PH								
33	cyanides { salts of hydrogen cyanide with the exception of complex cyanides such as ferrocyanides, ferricyanides and mercuric oxycyanide and those specified elsewhere in this Annex }				<0.5 mg/kg	1.884	<0.942 mg/kg	<0.0000942 %			<LOD
	006-007-00-5										
Total:									0.0125 %		

Key

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

Appendix A: Classifier defined and non CLP determinands

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

CLP index number: 601-023-00-4

Description/Comments:

Data source: Commission Regulation (EU) No 605/2014 – 6th Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP6)

Additional Hazard Statement(s): Carc. 2 H351

Reason for additional Hazards Statement(s):

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

• 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

arsenic (EC Number: 231-148-6, CAS Number: 7440-38-2)

CLP index number: 033-001-00-X

Description/Comments: Worst Case: IARC considers arsenic Group 1; Carcinogenic to humans

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

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

Reason for additional Hazards Statement(s):

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

• cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex

CLP index number: 048-001-00-5

Description/Comments: Worst Case: IARC considers cadmium compounds Group 1; Carcinogenic to humans

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

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

Reason for additional Hazards Statement(s):

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

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

CLP index number: 082-001-00-6

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

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

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

Reason for additional Hazards Statement(s):

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

• 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

• **pH** (CAS Number: PH)

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

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

CLP index number: 006-007-00-5
Description/Comments: Conversion factor based on a worst case compound: sodium cyanide
Data source: Commission Regulation (EC) No 790/2009 - 1st Adaptation to Technical Progress for Regulation (EC) No 1272/2008. (ATP1)
Additional Hazard Statement(s): EUH032 >= 0.2 %
Reason for additional Hazards Statement(s):
14 Dec 2015 - EUH032 >= 0.2 % hazard statement sourced from: WM3, Table C12.2

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

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

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

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

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H332 , Flam. Liq. 2 H225 , Acute Tox. 4 H302 , Acute Tox. 4 H312 , Eye Irrit. 2 H319

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Acute Tox. 4 H312 , Skin Corr. 1B H314 , Eye Dam. 1 H318 , Acute Tox. 4 H332 , STOT SE 3 H335 , Skin Irrit. 2 H315 , Ozone 1 H420

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Flam. Liq. 3 H226 , Acute Tox. 3 H301 , Asp. Tox. 1 H304 , Acute Tox. 3 H311 , Skin Irrit. 2 H315 , Skin Sens. 1 H317 , Eye Irrit. 2 H319 , Acute Tox. 4 H332 , STOT SE 3 H335 , Aquatic Chronic 1 H410

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

• **di-n-octyl phthalate** (EC Number: 204-214-7, CAS Number: 117-84-0)

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

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

Data source date: 02 Mar 2017

Hazard Statements: Repr. 2 H361 , Skin Sens. 1 H317 , Resp. Sens. 1 H334 , Eye Irrit. 2 H319 , Aquatic Chronic 4 H413

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

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

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

Data source date: 02 Mar 2017

Hazard Statements: Skin Irrit. 2 H315 , Acute Tox. 3 H331 , Acute Tox. 3 H311 , STOT SE 3 H335 , STOT RE 2 H373 , Repr. 2 H361 , Acute Tox. 4 H302 , STOT SE 3 H336 , Skin Sens. 1 H317 , Aquatic Chronic 1 H410

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

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

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

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

Data source date: 02 Mar 2017

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

♦ **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

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

CLP index number: 602-039-00-4

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

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

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

Reason for additional Hazards Statement(s):

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

♦ **coronene** (EC Number: 205-881-7, CAS Number: 191-07-1)

Description/Comments: Data from C&L Inventory Database; no entries in Registered Substances or Pesticides Properties databases; SDS: Sigma Aldrich, 1907/2006 compliant, dated 2012 - no entries; IARC - Group 3, not carcinogenic.

Data source: <http://clp-inventory.echa.europa.eu/SummaryOfClassAndLabelling.aspx?SubstanceID=17010&HarmOnly=no?fc=true&lang=en>

Data source date: 16 Jun 2014

Hazard Statements: STOT SE 2 H371

Appendix B: Rationale for selection of metal species

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

.

arsenic {arsenic}

.

cadmium {cadmium compounds, with the exception of cadmium sulphoselenide (xCdS.yCdSe), reaction mass of cadmium sulphide with zinc sulphide (xCdS.yZnS), reaction mass of cadmium sulphide with mercury sulphide (xCdS.yHgS), and those specified elsewhere in this Annex}

.



copper {copper(II) oxide}

.

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

.

mercury {mercury}

.

nickel {nickel}

.

selenium {selenium}

.

zinc {zinc oxide}

.

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

.

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

.

Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2021.222.4848.9214 (10 Aug 2021)

HazWasteOnline Database: 2021.222.4848.9214 (10 Aug 2021)

This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1stEditionv1.1-May2018

CLP Regulation - Regulation1272/2008/ECof16December2008

1st ATP - Regulation790/2009/ECof10August2009

2nd ATP - Regulation286/2011/ECof10March2011

3rd ATP - Regulation618/2012/EUof10July2012

4th ATP - Regulation487/2013/EUof8May2013

Correction to 1st ATP - Regulation758/2013/EUof7August2013

5th ATP - Regulation944/2013/EUof2October2013

6th ATP - Regulation605/2014/EUof5June2014

WFD Annex III replacement - Regulation1357/2014/EUof18December2014

Revised List of Waste 2014 - Decision2014/955/EUof18December2014

7th ATP - Regulation2015/1221/EUof24July2015

8th ATP - Regulation(EU)2016/918of19May2016

9th ATP - Regulation(EU)2016/1179of19July2016

10th ATP - Regulation(EU)2017/776of4May2017

HP14 amendment - Regulation(EU)2017/997of8June2017

13th ATP - Regulation(EU)2018/1480of4October2018

14th ATP - Regulation(EU)2020/217of4October2019

15th ATP - Regulation(EU)2020/1182of19May2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2019 - UK:2019No.720of27thMarch2019

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK:2020No.1567of16thDecember2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020

POPs Regulation 2019 - Regulation(EU)2019/1021of20June2019

APPENDIX H

Laboratory Results - Geotechnical



TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD
DATE ISSUED: 01/09/2021



0998

Contract	UK20.5052F - Pfizer, Havant		
Serial No.	39184_1		
Client: Environmental Protection Strategies Ltd Unit 7 Caxton House Broad Street Great Cambourne Cambridge CB23 6JN		Soil Property Testing Ltd 15, 16, 18 Halcyon Court, St Margaret's Way, Stukeley Meadows, Huntingdon, Cambridgeshire, PE29 6DG Tel: 01480 455579 Email: enquiries@soilpropertytesting.com Website: www.soilpropertytesting.com	
Samples Submitted By: Environmental Protection Strategies Ltd Samples Labelled: UK20.5052F - Pfizer, Havant		Approved Signatories: ☒ J.C. Garner B.Eng (Hons) FGS Technical Director & Quality Manager ☐ W. Johnstone Materials Lab Manager ☐ D. Sabnis Quality Manager	
Date Received: 10/08/2021		Samples Tested Between: 10/08/2021 and 01/09/2021	
Remarks: For the attention of James Bowley Your Reference No: UK20.5052F Your Order No: 27091			
Notes: 1 All remaining samples or remnants from this contract will be disposed of after 21 days from today, unless we are notified to the contrary. 2 Opinions and interpretations expressed herein are outside the scope of UKAS accreditation. 3 Tests marked "NOT UKAS ACCREDITED" in this test report are not included in the UKAS Accreditation Schedule for this testing laboratory. 4 This test report may not be reproduced other than in full except with the prior written approval of the issuing laboratory. 5 The results within this report only relate to the items tested or sampled.			



TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD
DATE ISSUED: 01/09/2021



0998

Contract			UK20.5052F - Pfizer, Havant																					
Serial No.			39184_1										Target Date			01/09/2021								
Scheduled By			Environmental Protection Strategies Ltd																					
Schedule Remarks																								
Bore Hole No.	Type	Sample Ref.	Top Depth	Water Content (BSN) Liquid Plastic Limits Wet Sieve Preparation Particle Size Distribution (BS1377) California Bearing Ratio Test Dry Density/MC 2.5kg Sulphate Content/pH Value																				Sample Remarks
BH7	D	2	1.20	1	1	1																		
BH7	B	6	3.50				1																	
BH7	B	11	7.00	1	1																			
BH7	D	15	10.50				1																	
BH9	B	4	2.50				1																	
BH9	D	8	6.00	1	1	1																		
BH9	D	13	9.50				1																	
BH9	D	16	12.00	1	1																			
TP03	B	-	1.10					1	1															
TP03	D	-	1.70				1																	
TP05	D	-	0.90	1	1																			
TP06	B	-	0.50					1	1															
TP06	D	-	1.10							1														
TP07	D	-	1.10	1	1	1																		
TP07	D	-	2.15							1														
TP08	B	-	0.30					1	1															
TP10	B	-	0.50					1	1															
TP10	D	-	2.00				1																	
TP21	B	-	0.80					1	1															
TP23	D	-	1.00				1																	
TP24	B	-	0.30					1	1															
TP25	B	-	0.30					1	1															
TP28	D	-	0.40				1																	
Totals				6	6	3	8	7	7	2										End of Schedule				



TEST REPORT

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DATE ISSUED: 01/09/2021



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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

SUMMARY OF WATER CONTENT, LIQUID LIMIT, PLASTIC LIMIT, PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole /Pit No.	Depth (m)	Type	Ref.	Water Content (%)	Liquid Limit (%)	Plastic Limit (%)	Plasticity Index (%)	Liquidity Index	Sample Preparation				Description	Class
									Method	Ret'd 0.425mm (%)	Corr'd W/C <0.425mm	Curing Time (hrs)		
BH7	1.20 - 1.65	D	2	11.2	39	19	20	-0.39	Wet Sieved	53 (M)	23.9*	95	Very stiff yellowish brown slightly sandy gravelly silty CLAY with occasional light orangish brown mottling. Gravel is white and grey fine to coarse angular to subrounded chert	CI
BH7	7.00 - 7.50	B	11	23.8	36	15	21	0.42	From Natural	4 (A)		93	Soft brownish yellow slightly sandy slightly gravelly silty CLAY with occasional reddish yellow mottling. Gravel is white, grey and brown fine and medium angular to subrounded chert	CI
BH9	6.00 - 6.10	D	8	17.7	32	15	17	0.16	Wet Sieved	18 (M)	21.5*	93	Firm locally stiff yellowish brown slightly gravelly sandy silty CLAY with occasional brownish yellow mottling. Gravel is white, grey and brown fine to coarse angular to subrounded chert	CL
BH9	12.00 - 12.45	D	16	31.3	28	19	9	1.37	From Natural	<1% (A)		188	Very soft light yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling and rare fine gravel	CL
TP05	0.90 - 1.10	D	-	21.7	48	20	28	0.06	From Natural	<1% (A)		93	Stiff dark yellowish brown silty CLAY with rare medium and coarse gravel	CI
TP07	1.10 - 1.20	D	-	20.3	42	20	22	0.01	Wet Sieved	20 (M)	25.4*	95	Stiff dark yellowish brown slightly sandy slightly gravelly silty CLAY. Gravel is white and grey medium and coarse chert	CI

Method Of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2:1990:4.2
 Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2:1990:3.2, 4.4, 5.3, 5.4
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
 Comments: *Corrected water content assume material greater than 0.425mm is non-porous. See BS1377: Part 2: 1990 Clause 3 Note 1.

Table Notation: Ret'd 0.425mm: (A) = Assumed, (M) = Measured



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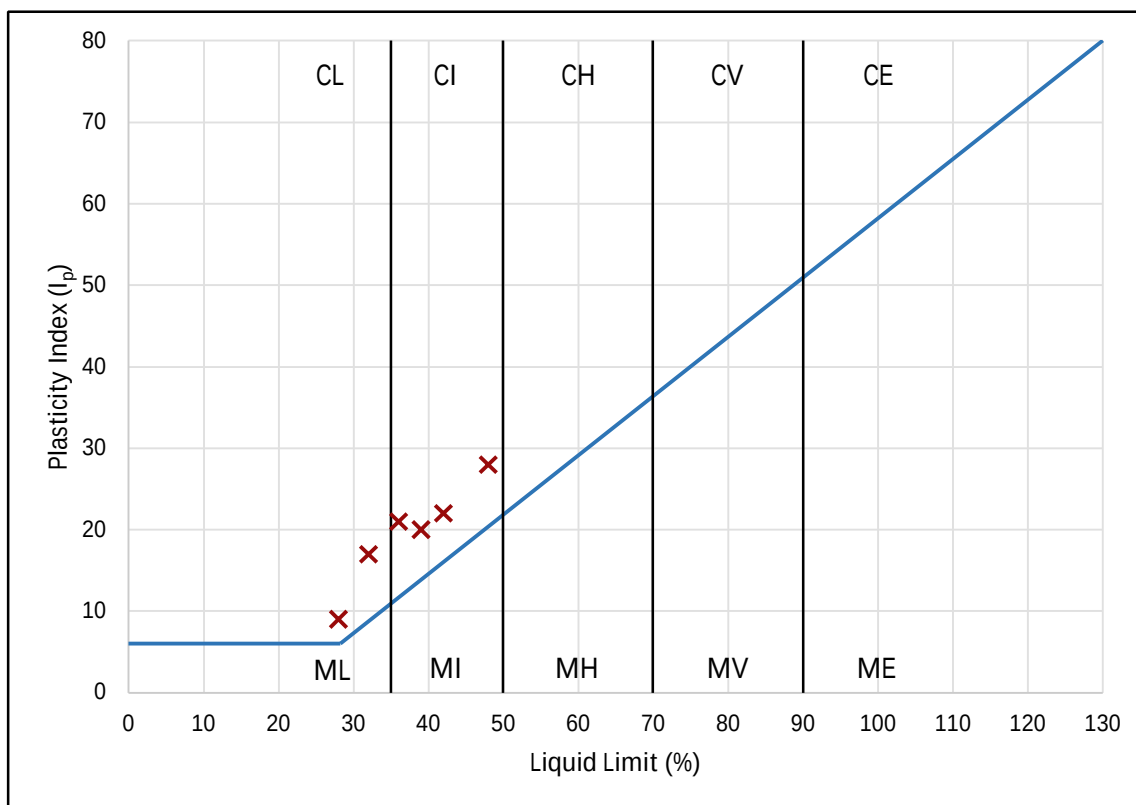


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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

PLOT OF PLASTICITY INDEX AGAINST LIQUID LIMIT USING CASAGRANDE CLASSIFICATION CHART

Plasticity				
Low	Medium	High	Very High	Extremely High



Plasticity Chart BS5930: 2015: Figure 8

High
Medium
Low

NHBC Volume Change Potential

Method of Preparation:	BS 1377: Part 2: 1990: 4.2
Method of Test:	BS1377: Part 2: 3.2, 4.4, 5.3, 5.4
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index



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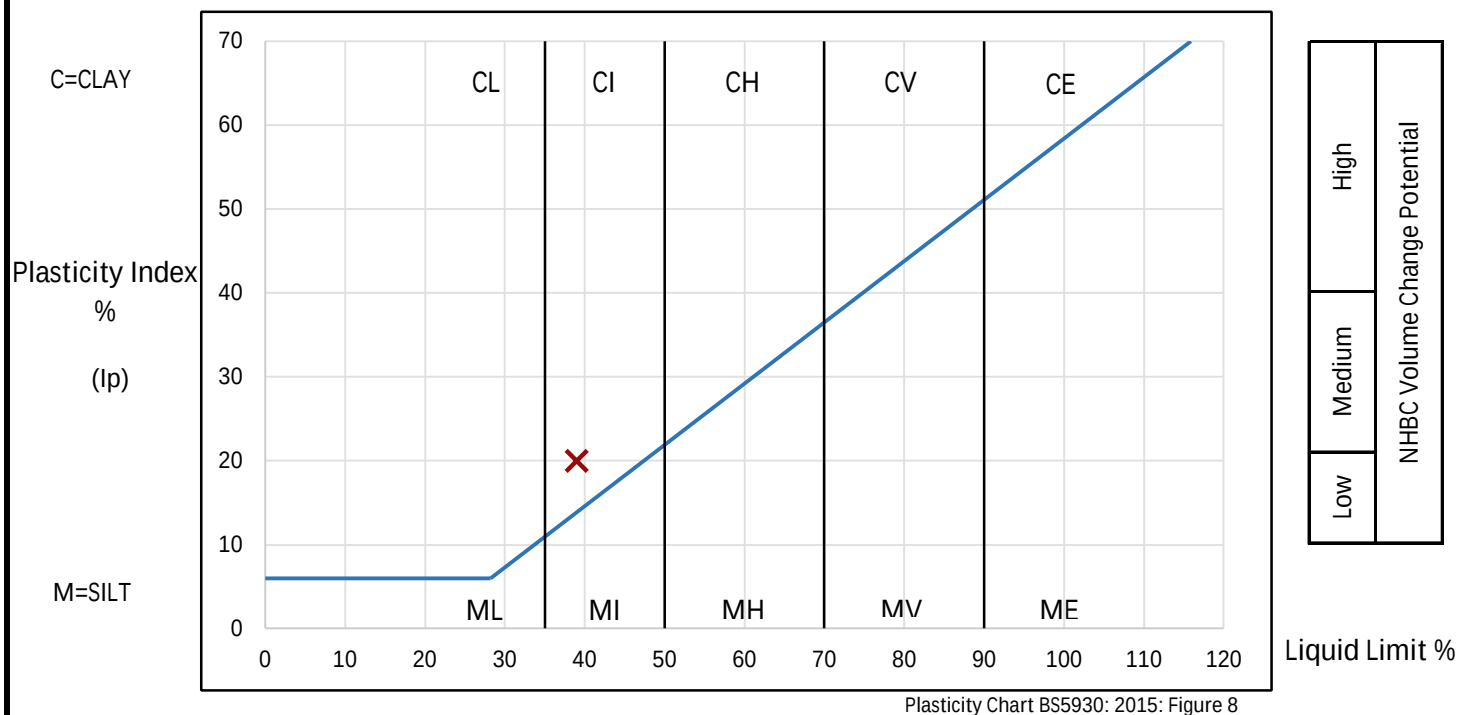
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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample		Water Content (W) %	Description	Remarks
		Type	Reference			
BH7	1.20 - 1.65	D	2	11.2	Very stiff yellowish brown slightly sandy gravelly silty CLAY with occasional light orangish brown mottling. Gravel is white and grey fine to coarse angular to subrounded chert	

PREPARATION			Liquid Limit	39 %	
Method of preparation		Wet sieved over 0.425mm sieve	Plastic Limit	19 %	
Sample retained 0.425mm sieve	(Measured)	53 %	Plasticity Index	20 %	
Corrected water content for material passing 0.425mm			Liquidity Index	-0.39	
Sample retained 2mm sieve	(Measured)	51 %	NHBC Modified (I'p)	9 %	
Curing time	95 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Method of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2

Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4

Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter

Comments: Corrected water content assume material greater than 0.425mm non-porous. See BS1377: Part2: 1990 Clause 3 Note 1
Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index
Note: Modified Plasticity Index I'p = I_p x (% less than 425microns/100)



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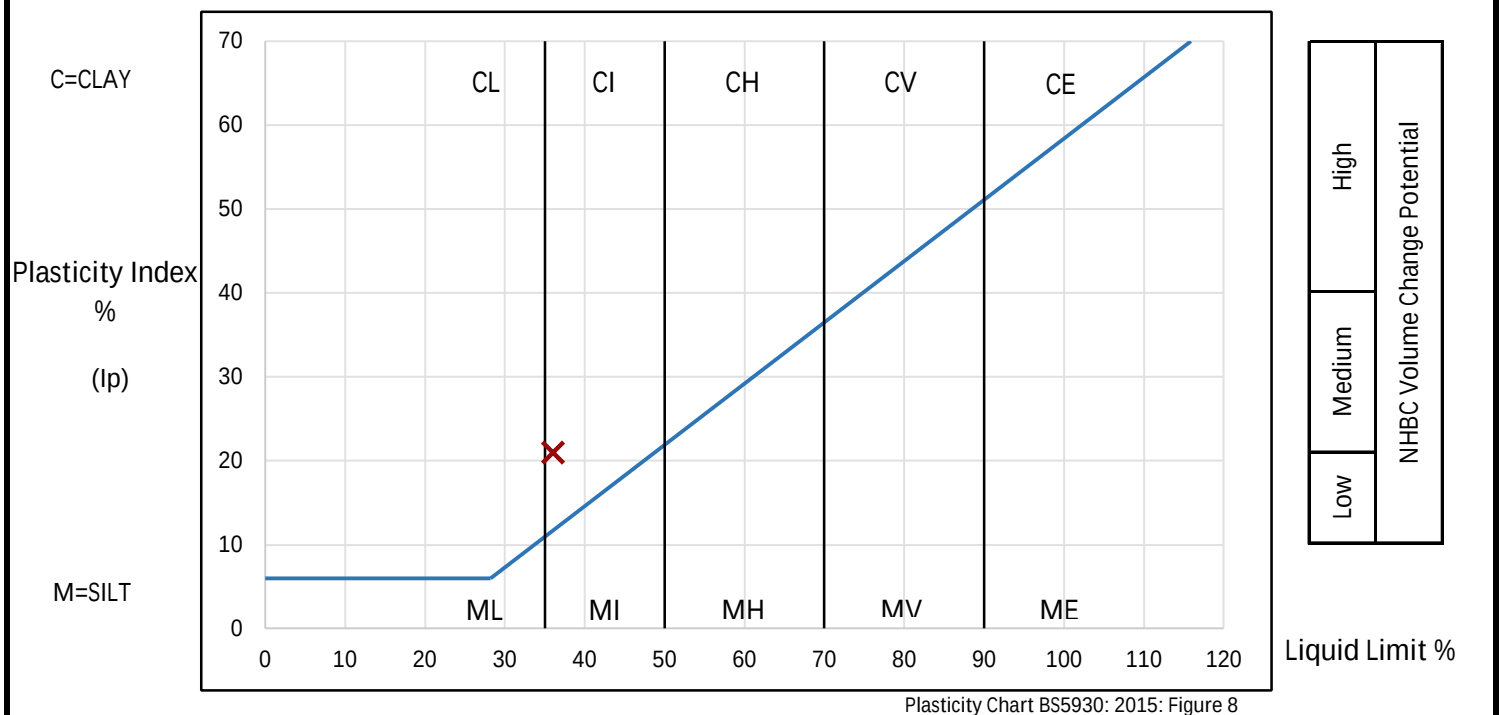
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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample		Water Content (W) %	Description	Remarks
		Type	Reference			
BH7	7.00 - 7.50	B	11	23.8	Soft brownish yellow slightly sandy slightly gravelly silty CLAY with occasional reddish yellow mottling. Gravel is white, grey and brown fine and medium angular to subrounded chert	

PREPARATION			Liquid Limit	36 %		
Method of preparation			From natural/gravel picked out by hand	Plastic Limit	15 %	
Sample retained 0.425mm sieve			(Approximate)	4 %	Plasticity Index	21 %
Corrected water content for material passing 0.425mm			Liquidity Index			0.42
Sample retained 2mm sieve			(Approximate)	4 %	NHBC Modified (I'p)	n/a
Curing time		93 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Method of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
 Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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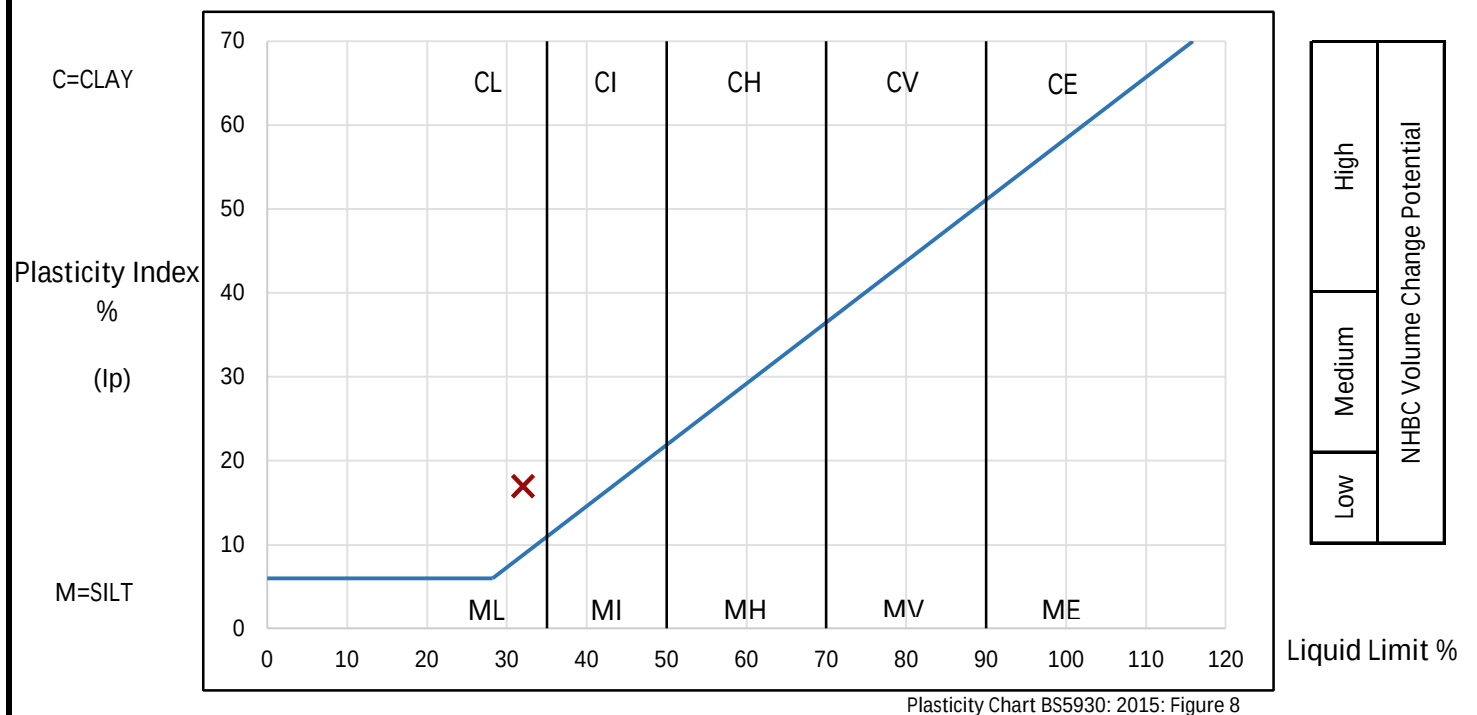
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DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample		Water Content (W) %	Description	Remarks
		Type	Reference			
BH9	6.00 - 6.10	D	8	17.7	Firm locally stiff yellowish brown slightly gravelly sandy silty CLAY with occasional brownish yellow mottling. Gravel is white, grey and brown fine to coarse angular to subrounded chert	

PREPARATION				Liquid Limit 32 %	
Method of preparation Wet sieved over 0.425mm sieve				Plastic Limit 15 %	
Sample retained 0.425mm sieve (Measured) 18 %				Plasticity Index 17 %	
Corrected water content for material passing 0.425mm 21.5 %				Liquidity Index 0.16	
Sample retained 2mm sieve (Measured) 16 %				NHBC Modified (I'p) 14 %	
Curing time 93 hrs		Clay Content Not analysed		Derived Activity Not analysed	



Method of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2

Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4

Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter

Comments: Corrected water content assume material greater than 0.425mm non-porous. See BS1377: Part2: 1990 Clause 3 Note 1
Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index
Note: Modified Plasticity Index I'p = Ip x (% less than 425microns/100)



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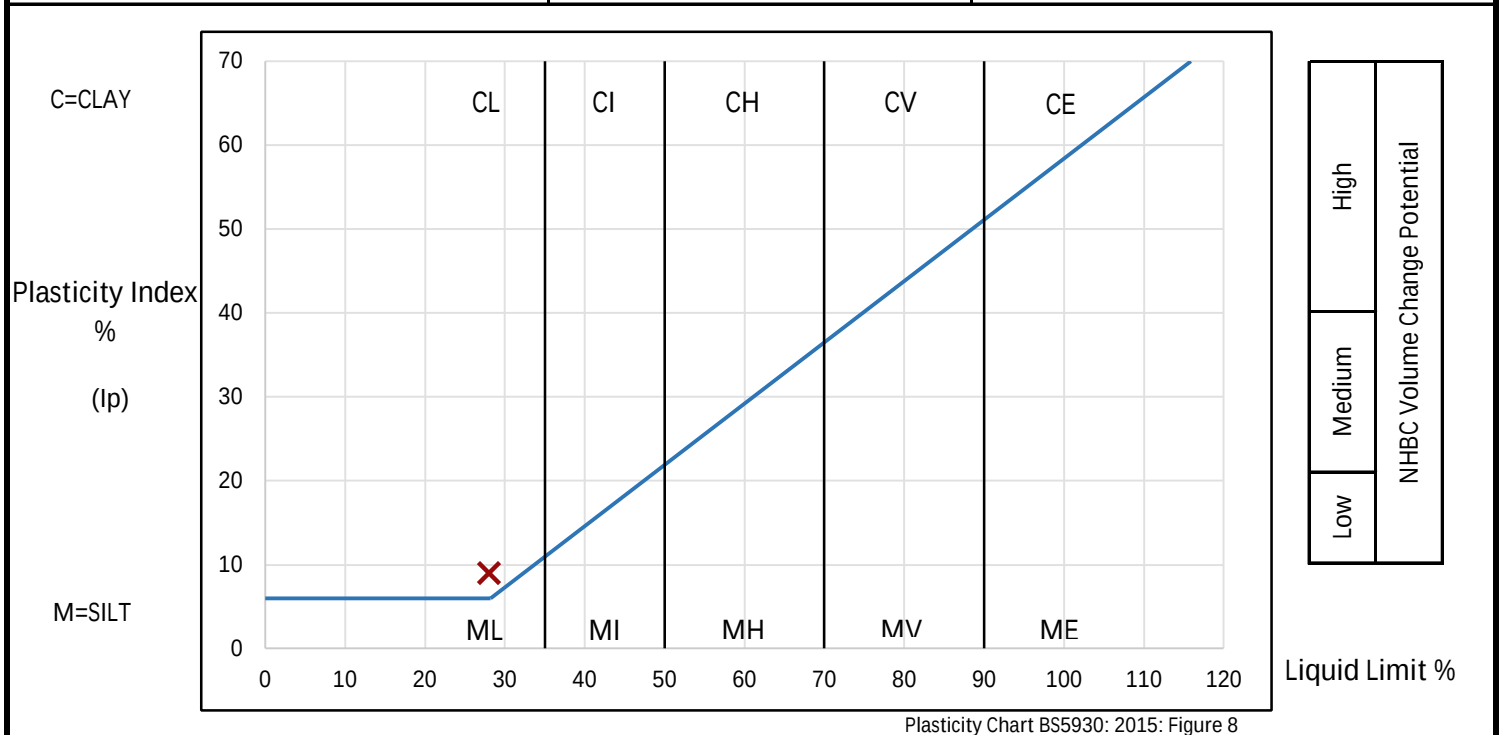
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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample		Water Content (W) %	Description	Remarks
		Type	Reference			
BH9	12.00 12.45	D	16	31.3	Very soft light yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling and rare fine gravel	

PREPARATION			Liquid Limit	28 %	
Method of preparation		From natural/gravel picked out by hand	Plastic Limit	19 %	
Sample retained 0.425mm sieve	(Assumed)	0 %	Plasticity Index	9 %	
Corrected water content for material passing 0.425mm			Liquidity Index	1.37	
Sample retained 2mm sieve	(Assumed)	<1 %	NHBC Modified (I'p)	n/a	
Curing time	188 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Method of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
 Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



TEST REPORT

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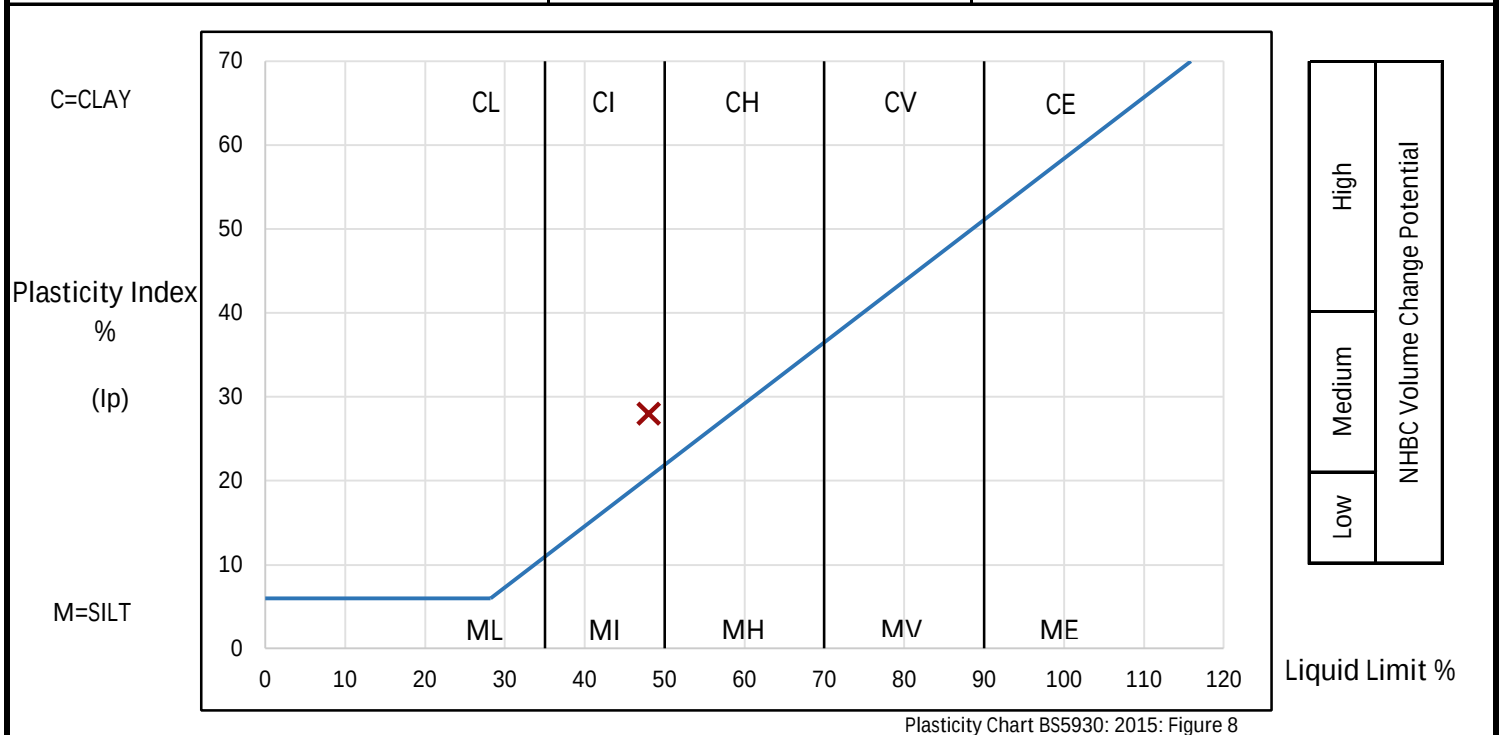
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Serial No.	39184_1

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample		Water Content (W) %	Description	Remarks
		Type	Reference			
TP05	0.90 - 1.10	D	-	21.7	Stiff dark yellowish brown silty CLAY with rare medium and coarse gravel	

PREPARATION			Liquid Limit		48 %
Method of preparation			From natural/gravel picked out by hand		Plastic Limit 20 %
Sample retained 0.425mm sieve (Assumed)			%		Plasticity Index 28 %
Corrected water content for material passing 0.425mm					Liquidity Index 0.06
Sample retained 2mm sieve (Approximate)			<1 %		NHBC Modified (I'p) n/a
Curing time		93 hrs	Clay Content		Not analysed
			Derived Activity		Not analysed



Method of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2
 Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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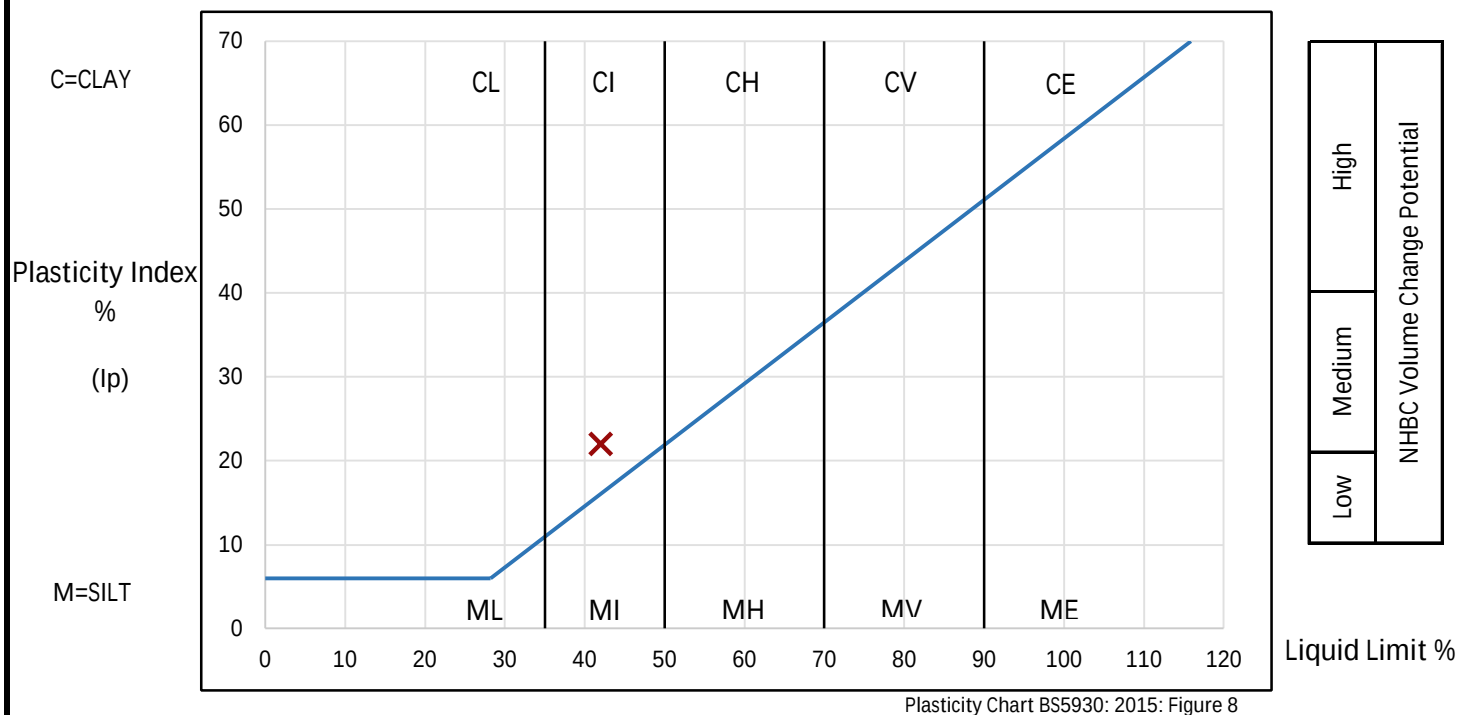
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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF WATER CONTENT, LIQUID LIMIT AND PLASTIC LIMIT AND DERIVATION OF PLASTICITY INDEX AND LIQUIDITY INDEX

Borehole / Pit No.	Depth m	Sample		Water Content (W) %	Description	Remarks
		Type	Reference			
TP07	1.10 - 1.20	D	-	20.3	Stiff dark yellowish brown slightly sandy slightly gravelly silty CLAY. Gravel is white and grey medium and coarse chert	

PREPARATION			Liquid Limit	42 %	
Method of preparation		Wet sieved over 0.425mm sieve	Plastic Limit	20 %	
Sample retained 0.425mm sieve	(Measured)	20 %	Plasticity Index	22 %	
Corrected water content for material passing 0.425mm			Liquidity Index	0.01	
Sample retained 2mm sieve	(Measured)	19 %	NHBC Modified (I'p)	18 %	
Curing time	95 hrs	Clay Content	Not analysed	Derived Activity	Not analysed



Method of Preparation: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 4.2

Method of Test: BS EN ISO: 17892-1: 2014 & BS 1377: Part 2: 1990: 3.2, 4.4, 5.3, 5.4

Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter

Comments: Corrected water content assume material greater than 0.425mm non-porous. See BS1377: Part2: 1990 Clause 3 Note 1
Volume Change Potential: NHBC Standards Chapter 4.2 Unmodified Plasticity Index
Note: Modified Plasticity Index I'p = Ip x (% less than 425microns/100)



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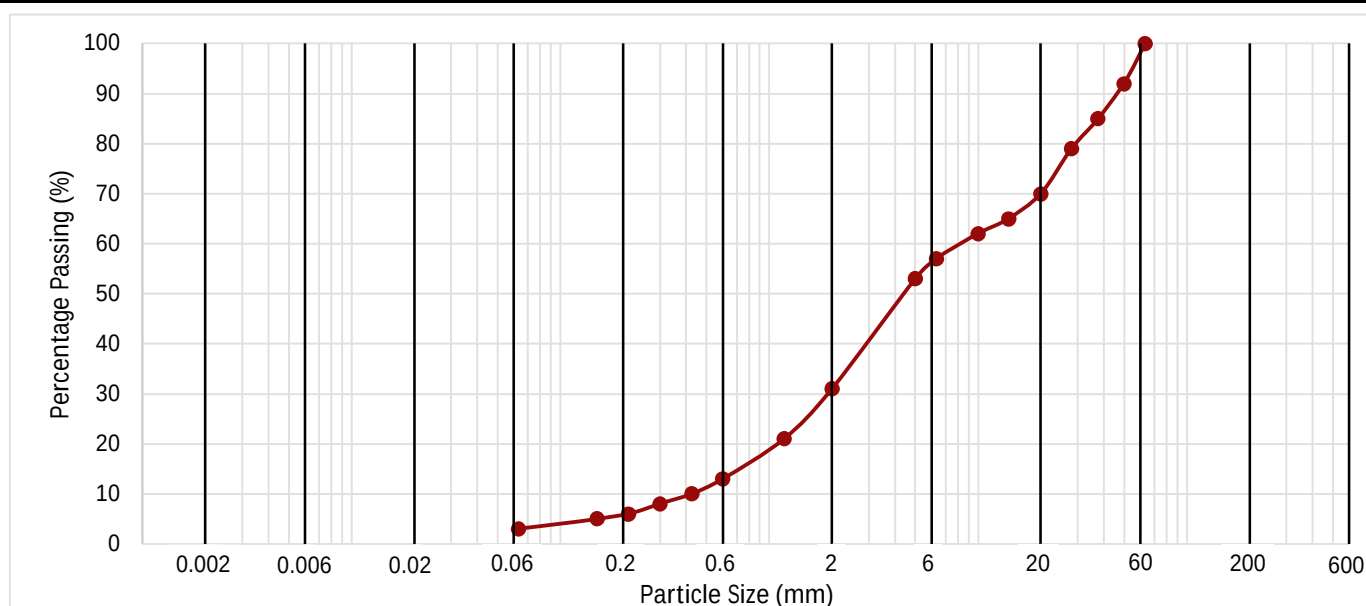
Contract	UK20.5052F - Pfizer, Havant
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH7	3.50 - 4.00	B	6	Brown, black and white slightly clayey slightly silty very sandy angular to rounded chert GRAVEL. Sand is brown	Dry mass of sample required 15kg. Mass of sample submitted 14.44kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test: **Wet Sieve**

Method of Pretreatment:

Not required

CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	31	28
1.18	21	
0.600	13	
0.425	10	
0.300	8	
0.212	6	
0.150	5	
0.063	3	

Fines By Dry Mass (%)	
<0.063mm	3

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		69
125		
90		
63	100	
50	92	
37.5	85	
28	79	
20	70	
14	65	
10	62	
6.3	57	
5	53	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
 Method of test: BS1377: Part 2: 1990: 9.2
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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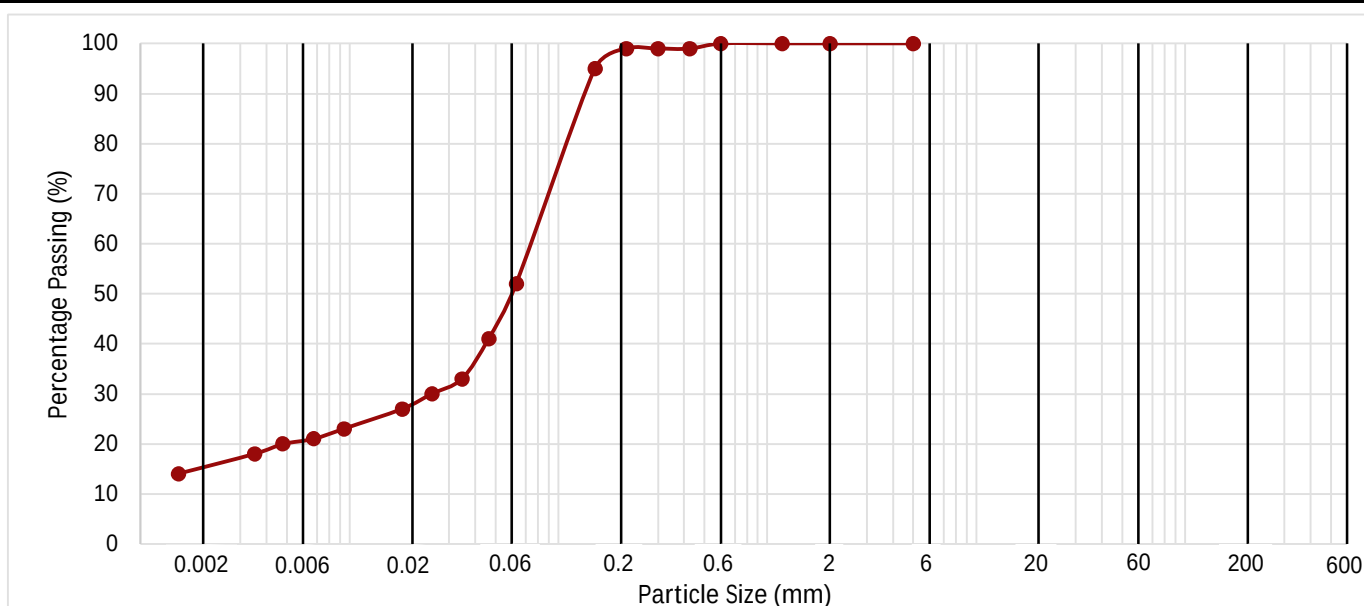
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Contract	UK20.5052F - Pfizer, Havant
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH7	10.50 - 10.60	D	15	Yellowish brown sandy CLAY/SILT with occasional grey and dark grey mottling	

Method of Test: **Hydrometer + Pre-sieve** Method of Pretreatment: **Not required**



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	0.0464	41	37
	0.0346	33	
	0.0249	30	
	0.0179	27	Clay by Dry Mass (%)
	0.0094	23	
	0.0067	21	
	0.0048	20	
	0.0035	18	15
	0.0015	14	

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	100	48
1.18	100	
0.600	100	
0.425	99	
0.300	99	
0.212	99	
0.150	95	
0.063	52	

Fines By Dry Mass (%)	
<0.063mm	52

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		0
125		
90		
63		
50		
37.5		
28		
20		
14		
10		
6.3		
5	100	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
 Method of test: BS1377: Part 2: 1990: 9.2,9.5
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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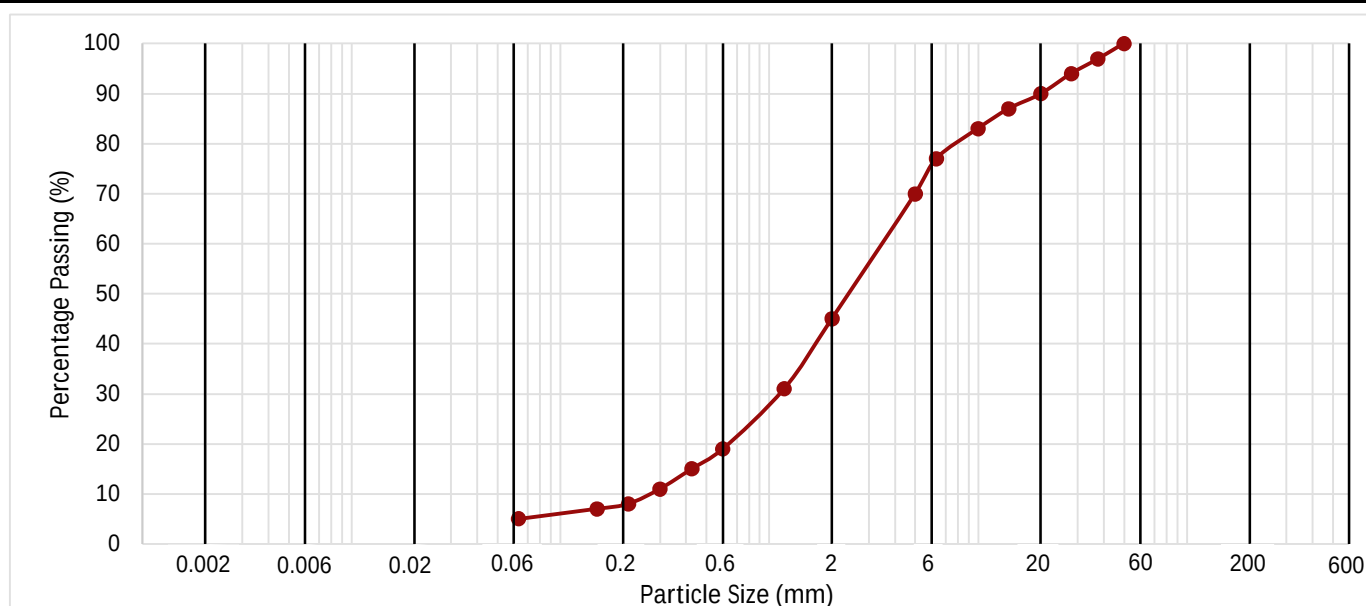
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH9	2.50 - 3.00	B	4	Brown, white and black slightly silty very sandy angular to rounded chert GRAVEL. Sand is yellowish brown	

Method of Test: **Wet Sieve**

Method of Pretreatment:

Not required

CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	Particle Size (mm)	Passing (%)	Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	45	40
1.18	31	
0.600	19	
0.425	15	
0.300	11	
0.212	8	
0.150	7	
0.063	5	

Fines By Dry Mass (%)	
<0.063mm	5

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		55
125		
90		
63		
50	100	
37.5	97	
28	94	
20	90	
14	87	
10	83	
6.3	77	
5	70	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
 Method of test: BS1377: Part 2: 1990: 9.2
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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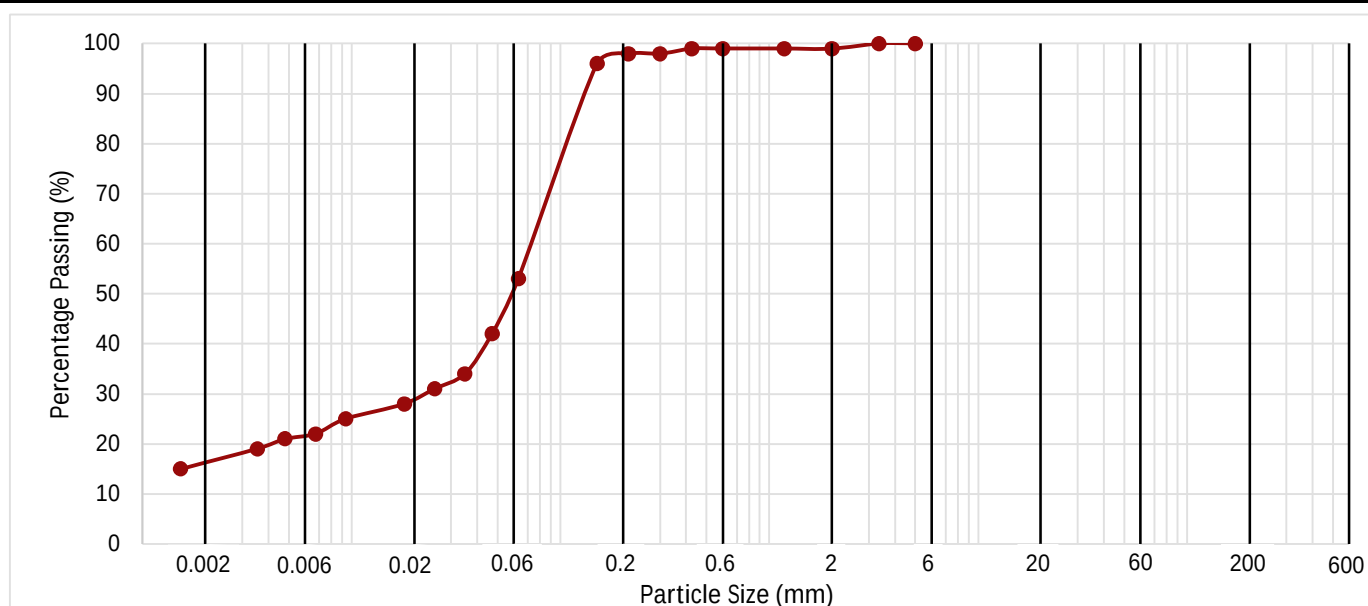
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH9	9.50 - 9.95	D	13	Yellowish brown sandy CLAY/SILT with occasional brownish yellow mottling	

Method of Test: **Hydrometer + Pre-sieve** Method of Pretreatment: **Not required**



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	0.0470	42	37
	0.0349	34	
	0.0250	31	
	0.0179	28	Clay by Dry Mass (%)
	0.0094	25	
	0.0067	22	
	0.0048	21	
	0.0036	19	16
	0.0015	15	

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	99	46
1.18	99	
0.600	99	
0.425	99	
0.300	98	
0.212	98	
0.150	96	
0.063	53	

Fines By Dry Mass (%)	
<0.063mm	53

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		1
125		
90		
63		
50		
37.5		
28		
20		
14		
10		
6.3		
5	100	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
 Method of test: BS1377: Part 2: 1990: 9.2,9.5
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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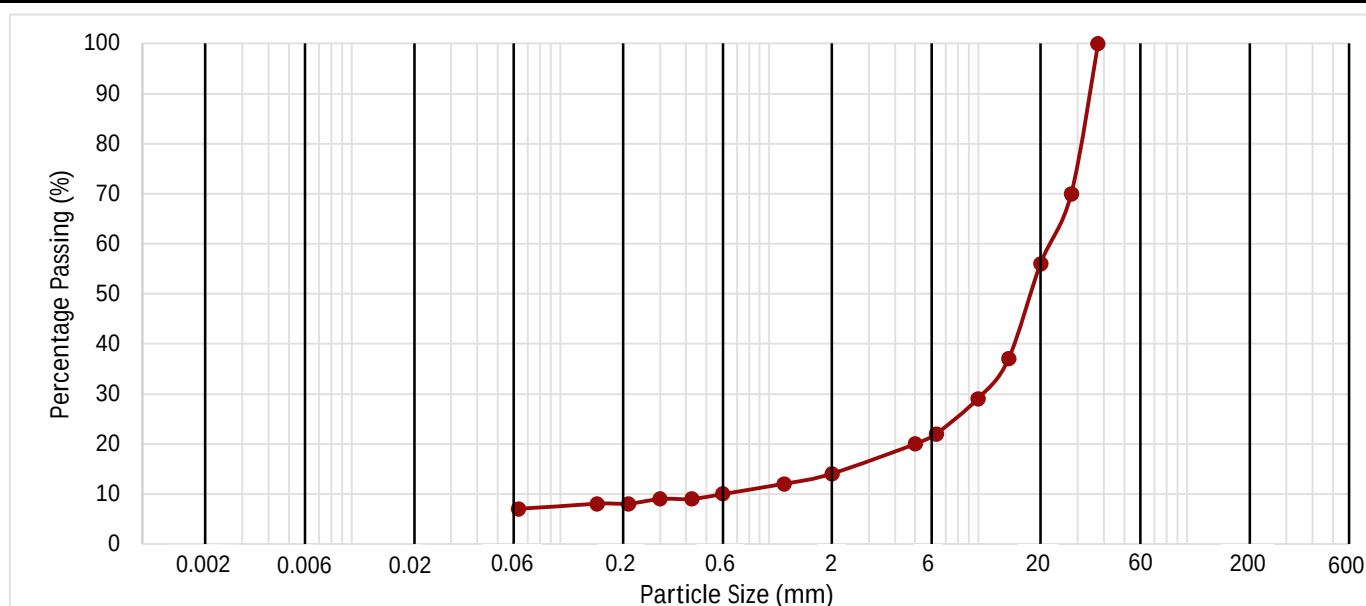
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP03	1.70	D	-	Brown, black and white clayey sandy angular to rounded chert GRAVEL with occasional concrete fragments. Sand is brown	Dry mass of sample required 6kg. Mass of sample submitted 1.352kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test: **Wet Sieve**

Method of Pretreatment:

Not required

CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	14	7
1.18	12	
0.600	10	
0.425	9	
0.300	9	
0.212	8	
0.150	8	
0.063	7	

Fines By Dry Mass (%)	
<0.063mm	7

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		86
125		
90		
63		
50		
37.5	100	
28	70	
20	56	
14	37	
10	29	
6.3	22	
5	20	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5

Method of test: BS1377: Part 2: 1990: 9.2

Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter

Comments:



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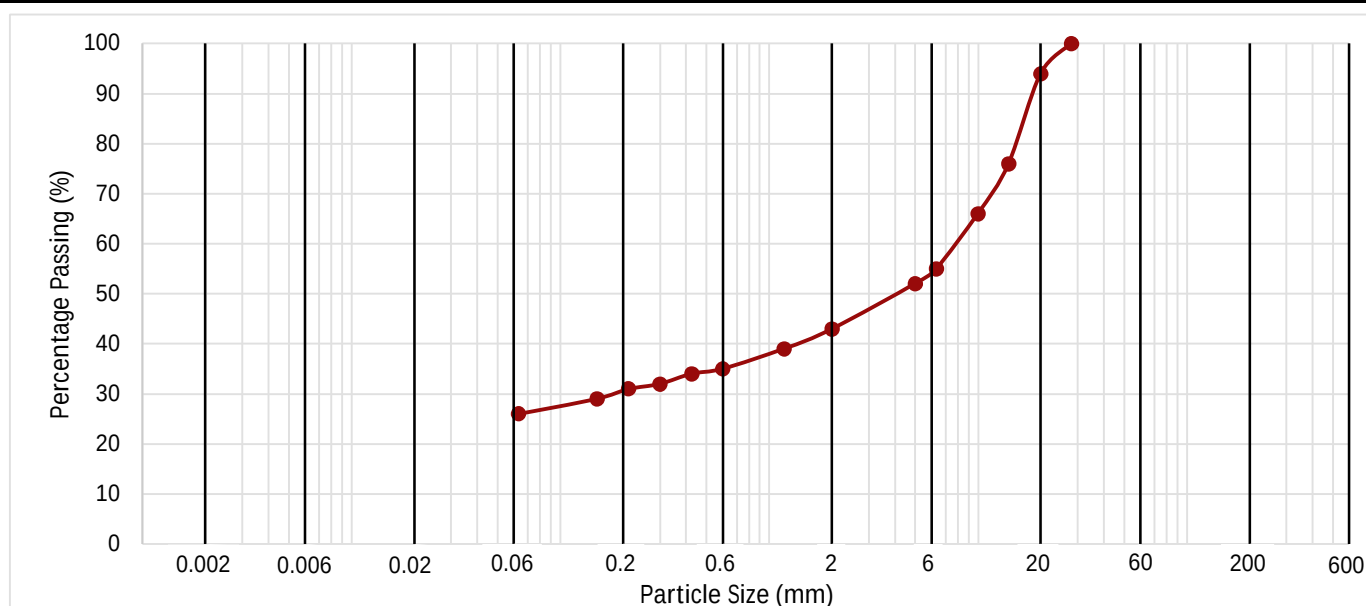
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP10	2.00	D	-	Brown, black and white angular to subrounded chert GRAVEL in a firm brown sandy clay matrix	

Method of Test: **Wet Sieve**

Method of Pretreatment:

Not required

CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	Particle Size (mm)	Passing (%)	Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	43	17
1.18	39	
0.600	35	
0.425	34	
0.300	32	
0.212	31	
0.150	29	
0.063	26	

Fines By Dry Mass (%)	
<0.063mm	26

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		57
125		
90		
63		
50		
37.5		
28	100	
20	94	
14	76	
10	66	
6.3	55	
5	52	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5

Method of test: BS1377: Part 2: 1990: 9.2

Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter

Comments:



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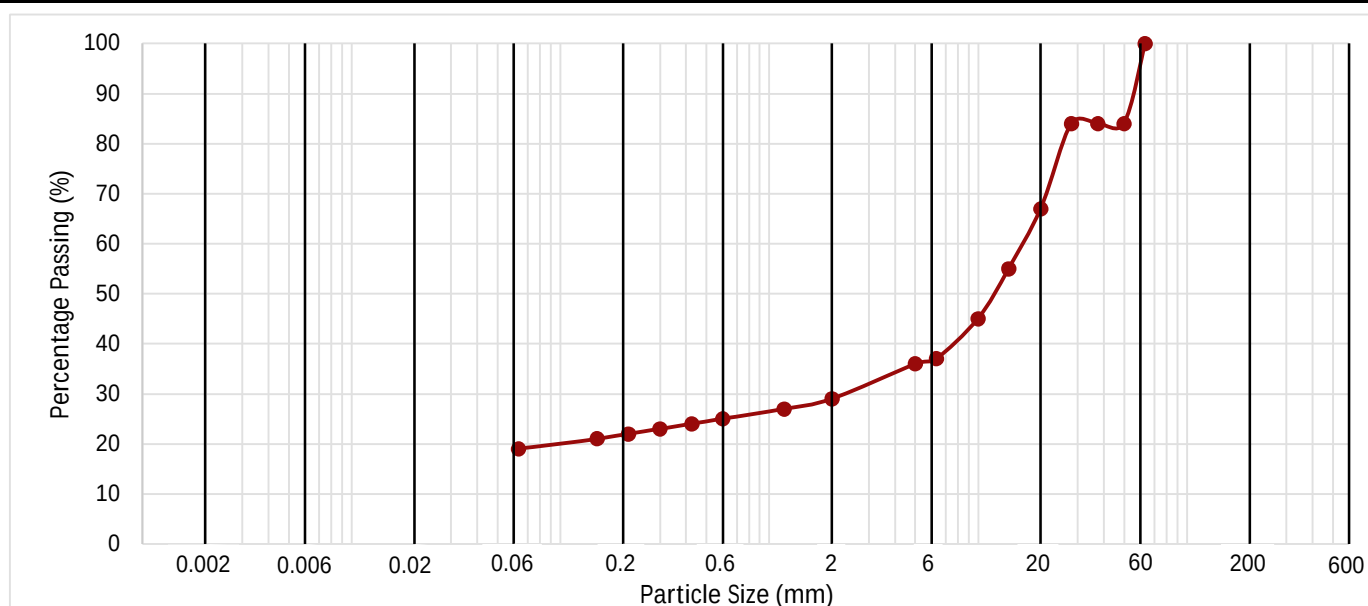
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP23	1.00 - 1.20	D	-	Brown, black and white angular to subrounded chert GRAVEL in a firm brown sandy clay matrix	Dry mass of sample required 35kg. Mass of sample submitted 1.046kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test: **Wet Sieve**

Method of Pretreatment:

Not required

CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
			Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	29	10
1.18	27	
0.600	25	
0.425	24	
0.300	23	
0.212	22	
0.150	21	
0.063	19	

Fines By Dry Mass (%)	
<0.063mm	19

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		71
125		
90		
63	100	
50	84	
37.5	84	
28	84	
20	67	
14	55	
10	45	
6.3	37	
5	36	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5

Method of test: BS1377: Part 2: 1990: 9.2

Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter

Comments:



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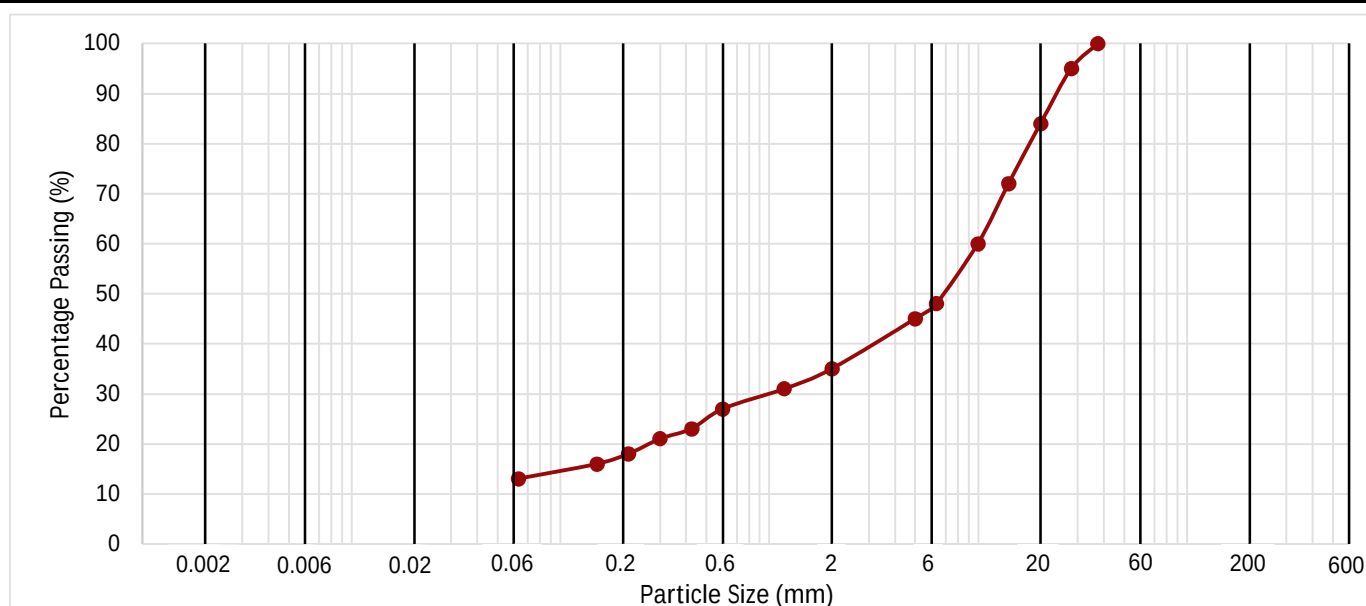
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP28	0.40	D	-	Brown, black and white clayey very sandy angular to subrounded chert and light grey angular limestone GRAVEL. Sand is brown	Dry mass of sample required 2kg. Mass of sample submitted 1.394kg. Sample Unrepresentative BS1377:Part 2:1990 Table 3.

Method of Test: **Wet Sieve**

Method of Pretreatment:

Not required

CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	Particle Size (mm)	Passing (%)	Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	35	22
1.18	31	
0.600	27	
0.425	23	
0.300	21	
0.212	18	
0.150	16	
0.063	13	

Fines By Dry Mass (%)	
<0.063mm	13

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		65
125		
90		
63		
50		
37.5	100	
28	95	
20	84	
14	72	
10	60	
6.3	48	
5	45	

Method of Preparation: BS1377: Part 1: 2016: 8.3 & 8.4.5
 Method of test: BS1377: Part 2: 1990: 9.2
 Type of Sample Key: U=Undisturbed, B=Bulk, D=Disturbed, J=Jar, W=Water, SPT=Split Spoon Sample, C=Core Cutter
 Comments:



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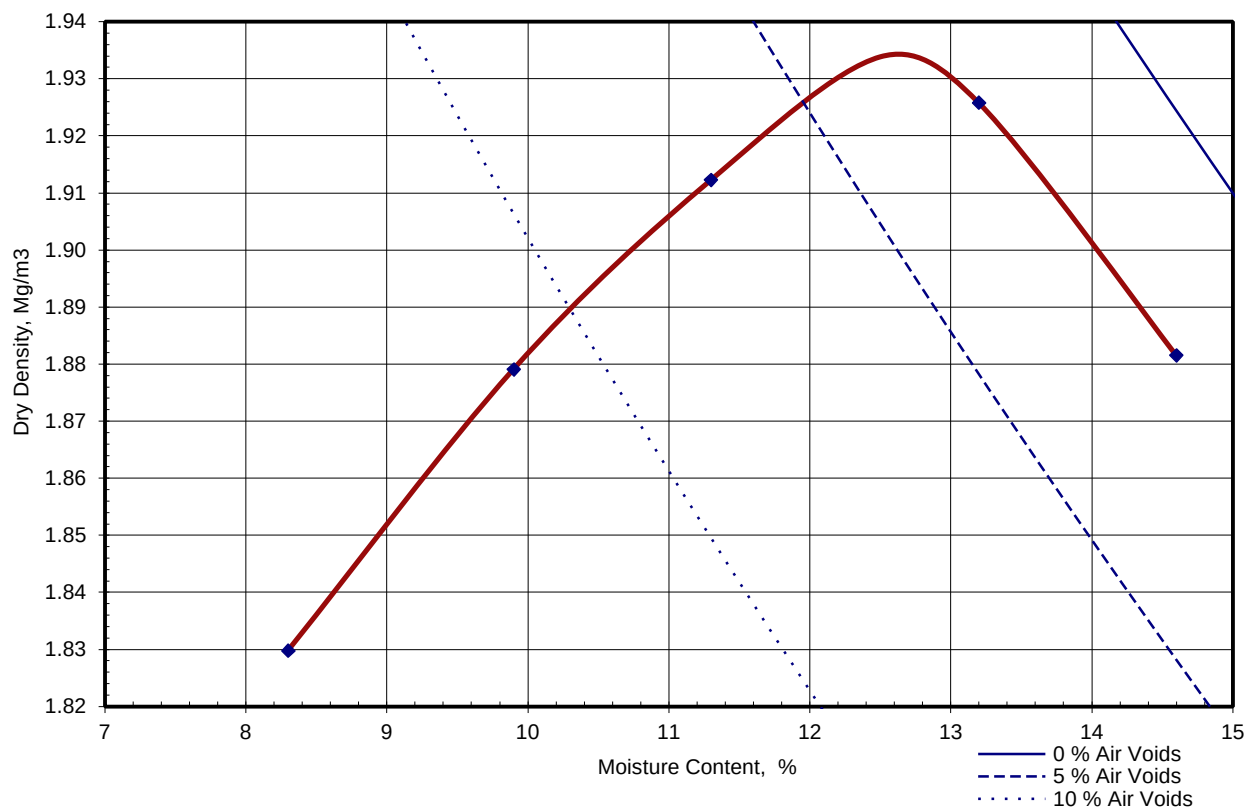


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DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description		Remarks
	(m)	Type	Reference				
TP03	1.10 - 1.40	B	-	8.3	Brown, black and white clayey very sandy angular to rounded chert GRAVEL. Sand is brown		Water content is on material passing 37.5mm sieve.
Percentage Retained 37.5mm					31 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					55 %	Single or Separate Samples	Separate
Grading Zone					X	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density				1.93 Mg/m³	Optimum Water Content		13 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments: Material retained on 37.5mm sieve excluded from test and replaced with material passing 37.5mm and retained 20mm sieve.



TEST REPORT

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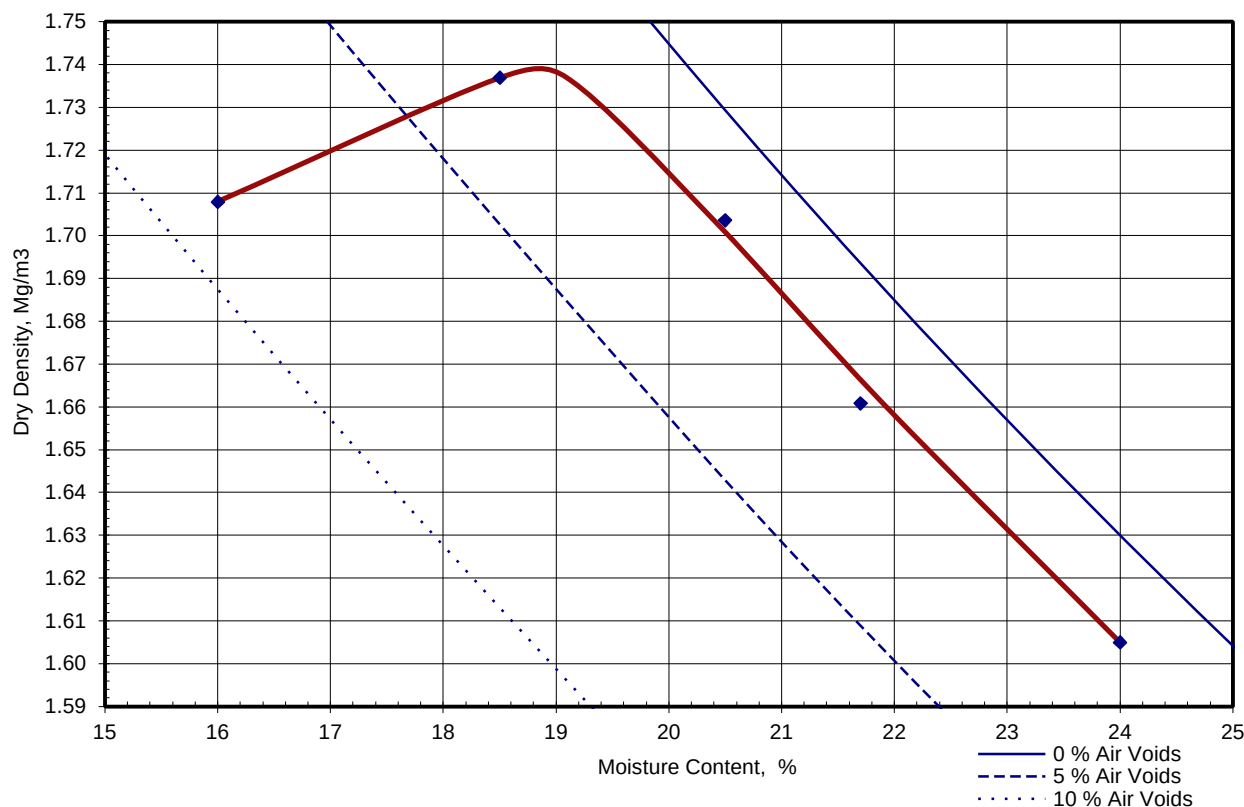


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Contract	UK20.5052F - Pfizer, Havant
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DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description		Remarks
	(m)	Type	Reference				
TP06	0.50 - 0.90	B	-	18.5	Firm locally stiff brown slightly gravelly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert		
Percentage Retained 37.5mm					0.0 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					1.1 %	Single or Separate Samples	Separate
Grading Zone					2	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					1 Litre	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.3)
Maximum Dry Density				1.74 Mg/m³	Optimum Water Content		19 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:



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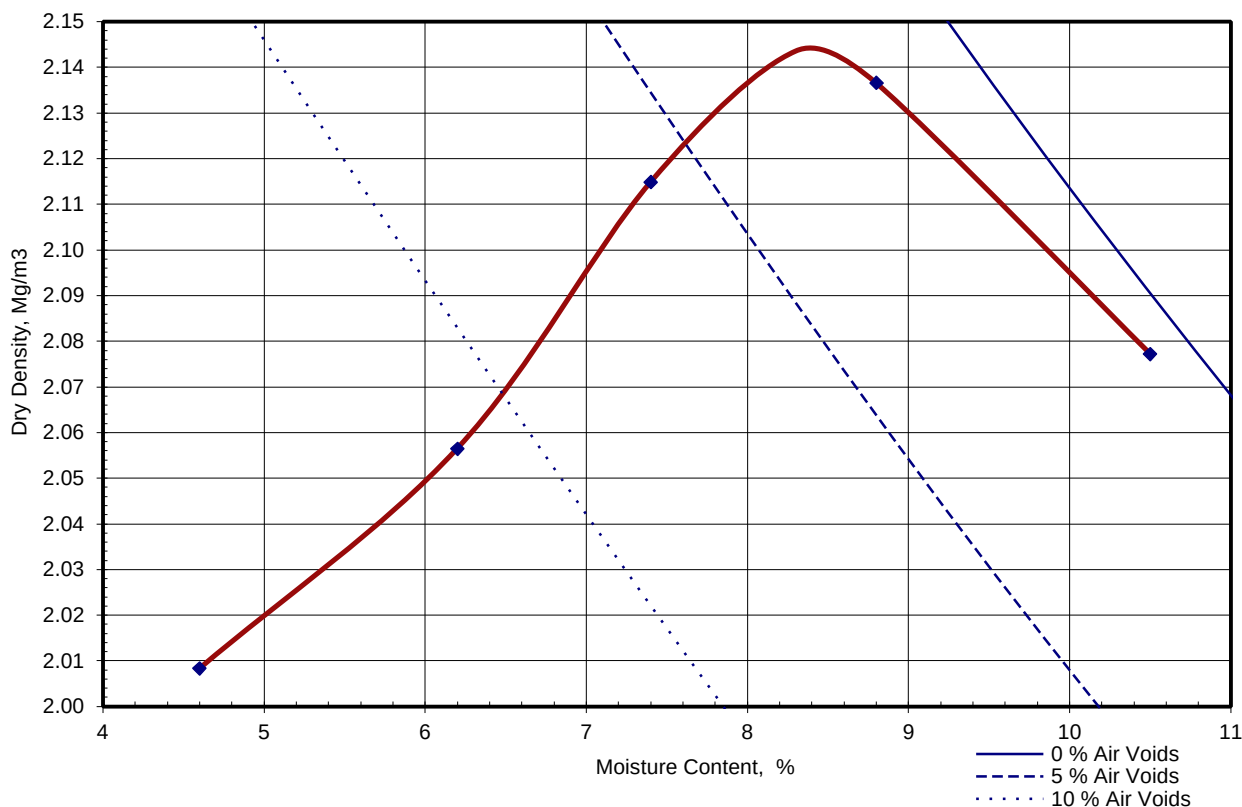


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DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description		Remarks
	(m)	Type	Reference				
TP08	0.30 - 0.60	B	-	6.2	MADE GROUND comprising crushed concrete, occasional grey angular limestone fragments, brown, black and white angular to subrounded chert, rare brick and asphalt fragments from fine to coarse gravel size in a brown slightly clayey silty fine to coarse sand matrix		Water content is on material passing 37.5mm sieve.
Percentage Retained 37.5mm					3.1 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					27 %	Single or Separate Samples	Composite
Grading Zone					4	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density				2.14 Mg/m³	Optimum Water Content		8.3 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:



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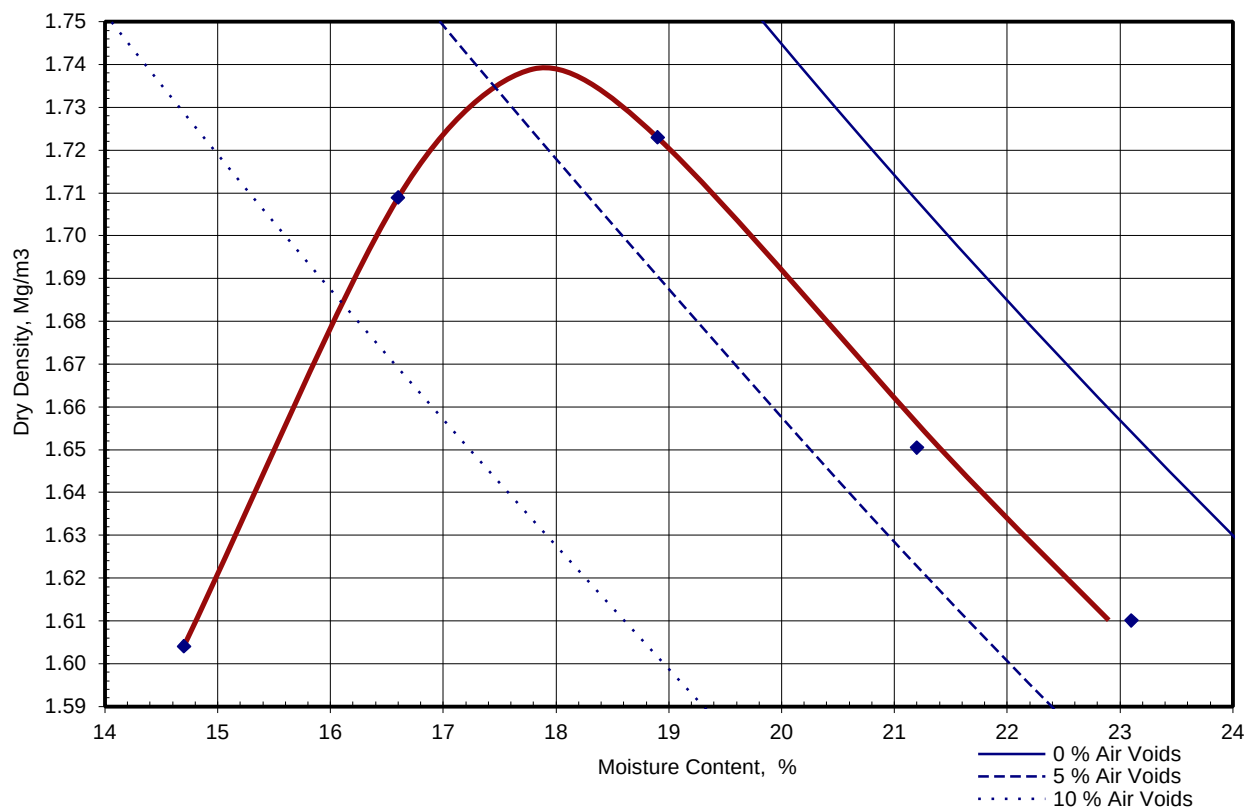


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DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description		Remarks
	(m)	Type	Reference				
TP10	0.50 - 0.50	B	-	18.9	Firm locally stiff orangish brown slightly sandy gravelly silty CLAY. Gravel is brown, black and white angular to rounded chert		Water content is on material passing 37.5mm sieve.
Percentage Retained 37.5mm					7.5 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					17 %	Single or Separate Samples	Separate
Grading Zone					5	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density				1.74 Mg/m³	Optimum Water Content		18 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments: Material retained on 37.5mm sieve excluded from test and replaced with material passing 37.5mm and retained 20mm sieve.



TEST REPORT

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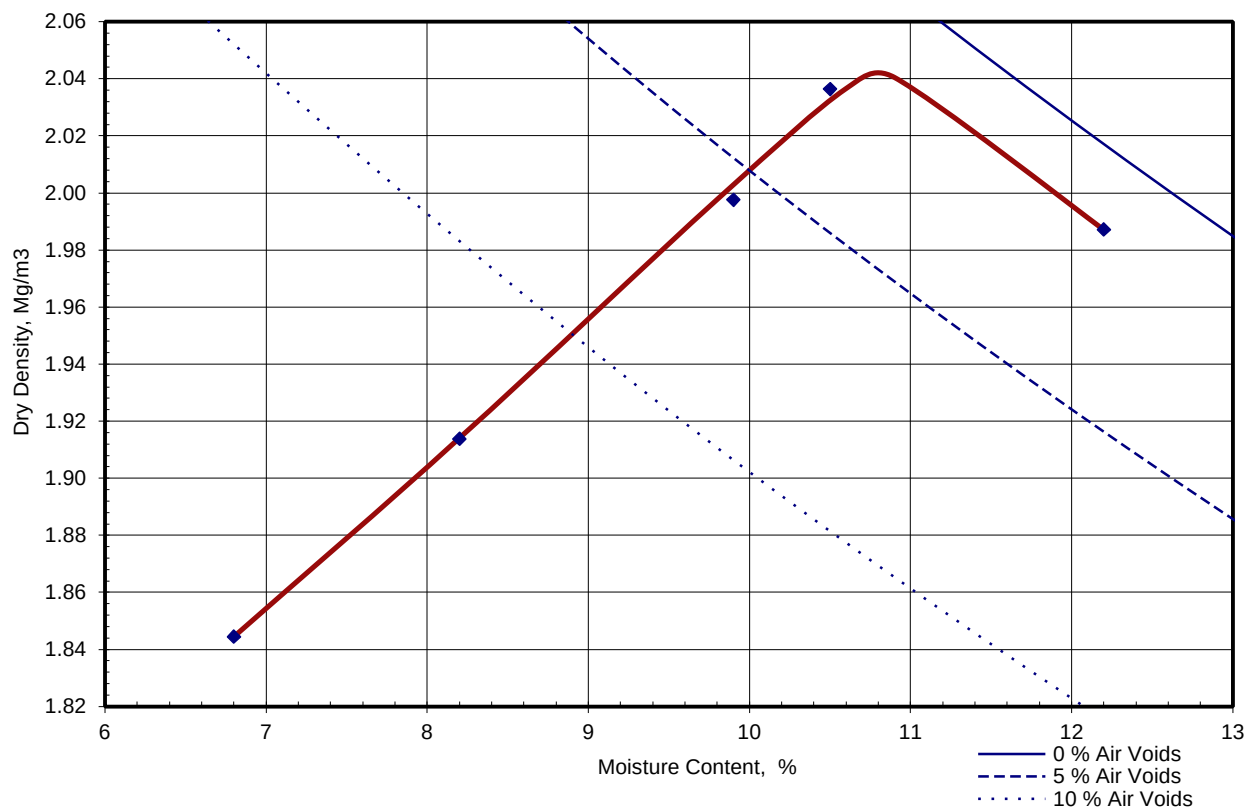


0998

Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description		Remarks
	(m)	Type	Reference				
TP21	0.80 - 1.20	B	-	9.9	White, black and brown fine to coarse angular to rounded chert GRAVEL in a firm brown sandy silty clay matrix		Water content is on material passing 37.5mm sieve.
Percentage Retained 37.5mm					41 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					65 %	Single or Separate Samples	Composite
Grading Zone					X	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density				2.04 Mg/m³	Optimum Water Content		11 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments: Material retained on 37.5mm sieve excluded from test and replaced with material passing 37.5mm and retained 20mm sieve.



TEST REPORT

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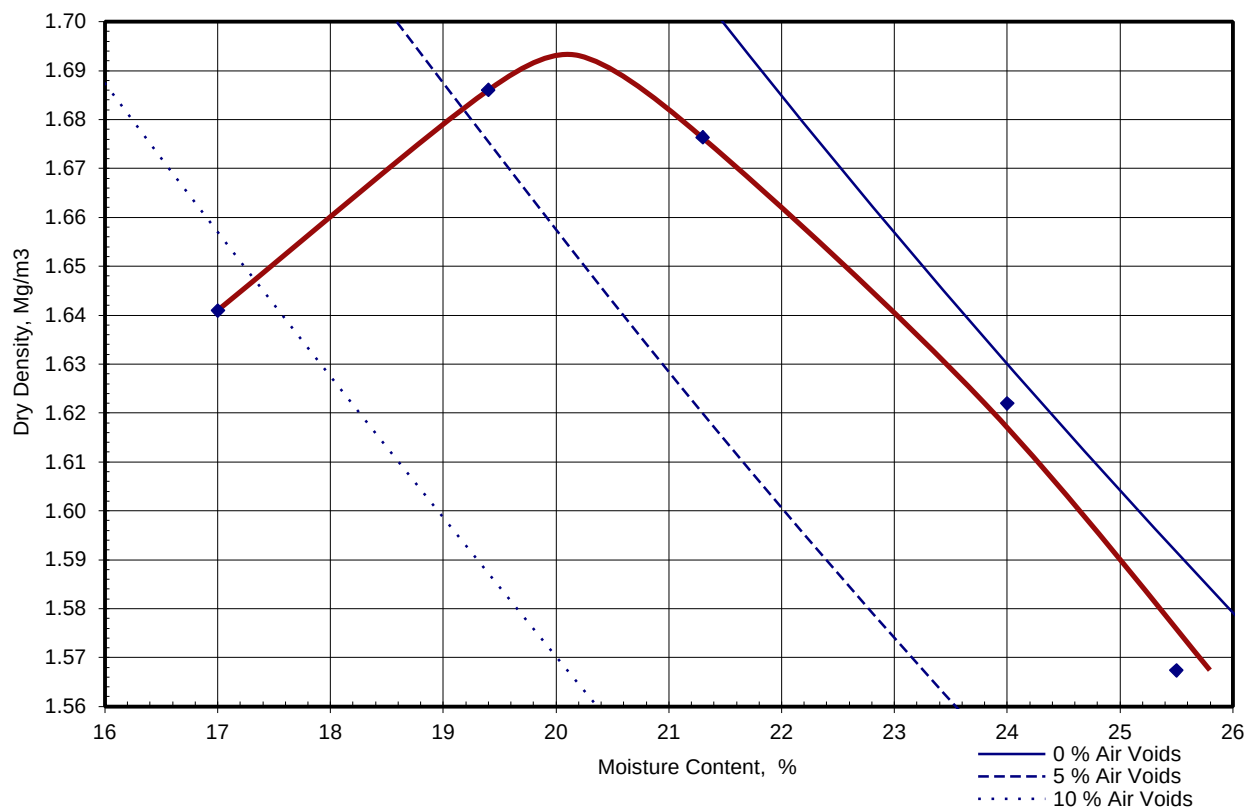


0998

Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description		Remarks
	(m)	Type	Reference				
TP24	0.30 - 0.60	B	-	19.4	Firm locally stiff brown slightly gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert		
Percentage Retained 37.5mm					0.0 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					0.3 %	Single or Separate Samples	Separate
Grading Zone					2	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					1 Litre	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.3)
Maximum Dry Density				1.69 Mg/m³	Optimum Water Content		20 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:



TEST REPORT

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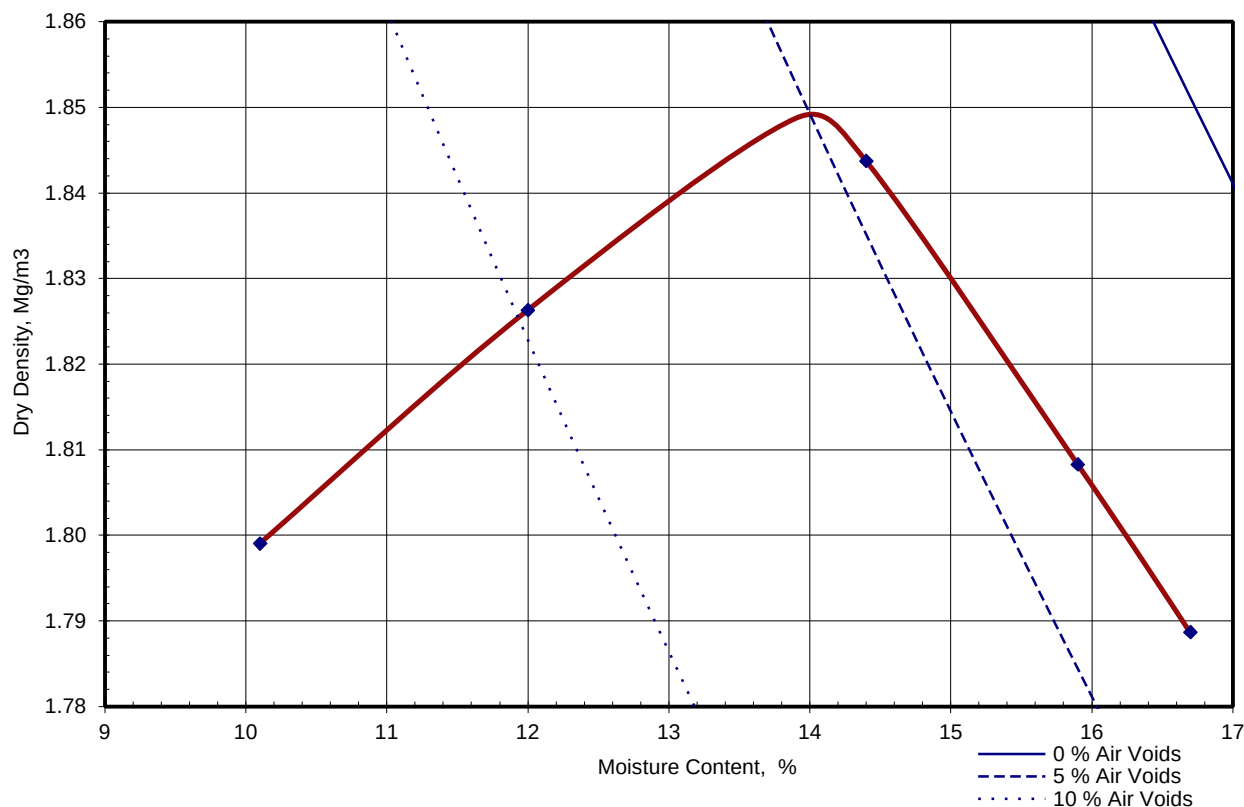


0998

Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

DETERMINATION OF DRY DENSITY / WATER CONTENT RELATIONSHIP

Borehole/ Pit No.	Depth	Sample		Water Content (%)	Description	Remarks	
	(m)	Type	Reference				
TP25	0.30 - 0.80	B	-	10.1	MADE GROUND comprising of yellowish brown slightly silty very gravelly fine to coarse sand with concrete fragments from fine to coarse gravel size, occasional dark grey limestone, brown, black and white angular to subrounded chert and rare brick, plastic and metal fragments	Water content is on material passing 37.5mm sieve.	
Percentage Retained 37.5mm					1.9 %	Maximum Size of Cohesive Lumps	20 mm
Percentage Retained 20.0mm					14 %	Single or Separate Samples	Separate
Grading Zone					4	Particle Density (Assumed)	2.68 Mg/m³
Mould Type					CBR	Method of Compaction	BS 2.5kg rammer Method (BS1377 Part 4: 1990: 3.4)
Maximum Dry Density				1.85 Mg/m³	Optimum Water Content		14 %



Method of Preparation: BS1377: Part 1: 2016: 8.6
Method of Test: BS1377: Part 2: 1990: 3.2 & Part 4: 1990: 3
Type of Sample Key: U= Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:



TEST REPORT

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DATE ISSUED: 01/09/2021



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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP03	1.10 - 1.40	B	-	Brown, black and white clayey very sandy angular to rounded chert GRAVEL. Sand is brown	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Material Retained on 20mm Sieve Removed	58	%
Initial Specimen Details:	Bulk Density	2.18 Mg/m ³
	Dry Density	1.93 Mg/m ³

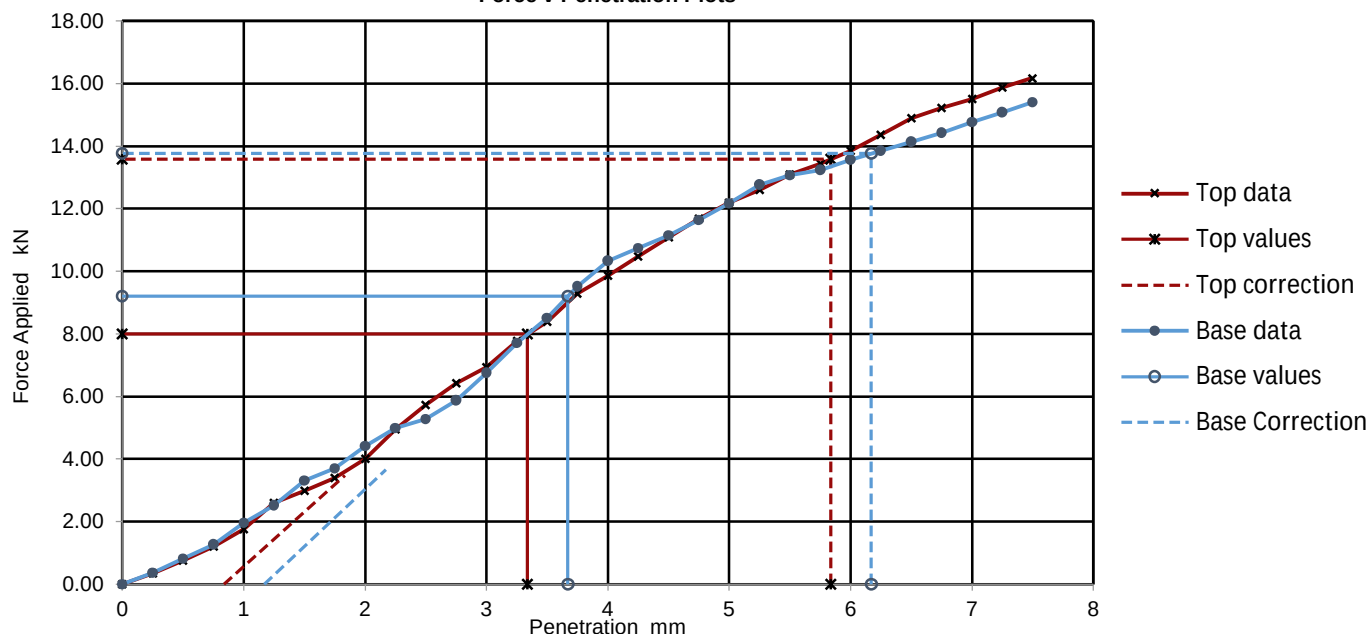
Surcharge Applied	15	kg
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Test Results

	Curve Correction	CBR Values (%)			
		2.5mm	5.0mm	Highest	Mean*
TOP	Yes	61	68	68	69
BASE	Yes	70	69	70	

Water Content (%)
13.4
13.0

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Test deemed not applicable by BS1377: Part 4: 1990: Clause 7.2.1.2 due to greater than 25% retained on 20mm sieve. Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP06	0.50 - 0.90	B	-	Firm locally stiff brown slightly gravelly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

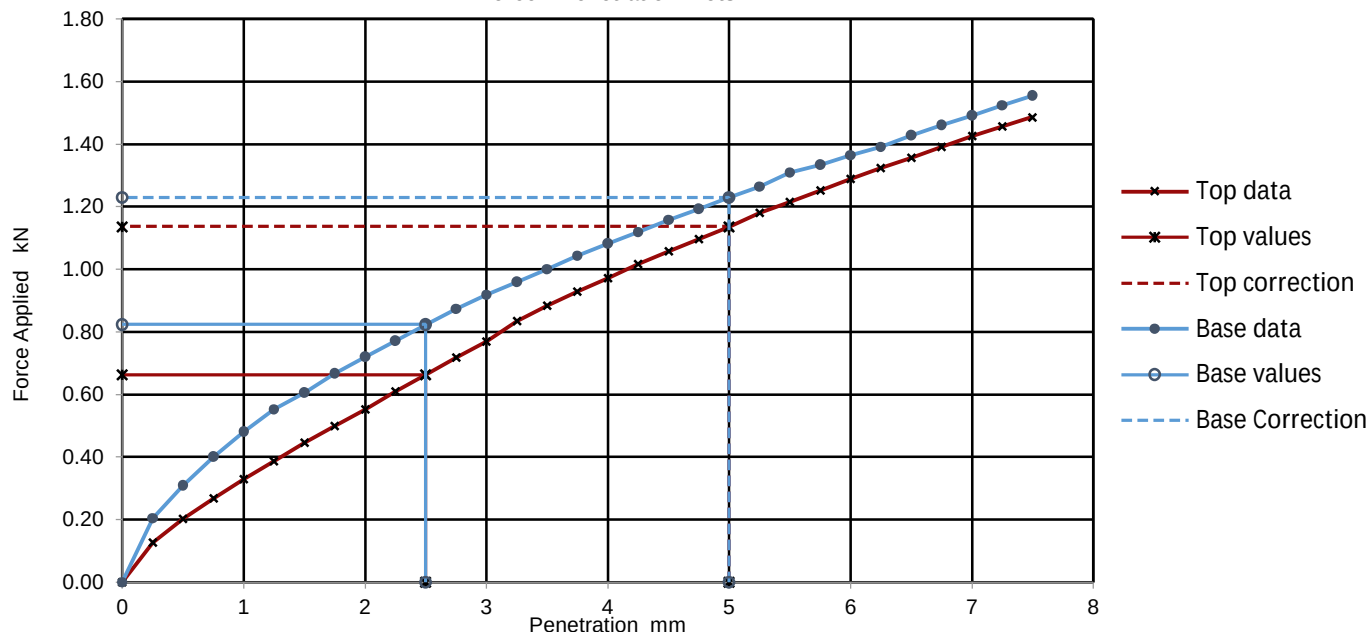
Material Retained on 20mm Sieve Removed	1.3	%
Initial Specimen Details:	Bulk Density	2.06 Mg/m ³
	Dry Density	1.74 Mg/m ³

Surcharge Applied	15	kg
-------------------	----	----

Test Results

	Curve Correction	CBR Values (%)				Water Content (%)
		2.5mm	5.0mm	Highest	Mean*	
TOP	No	5.0	5.7	5.7	6.0	18.5
BASE	No	6.2	6.1	6.2		18.5

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



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CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP08	0.30 - 0.60	B	-	MADE GROUND comprising crushed concrete, occasional grey angular limestone fragments, brown, black and white angular to subrounded chert, rare brick and asphalt fragments from fine to coarse gravel size in a brown slightly clayey silty fine to coarse sand matrix	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

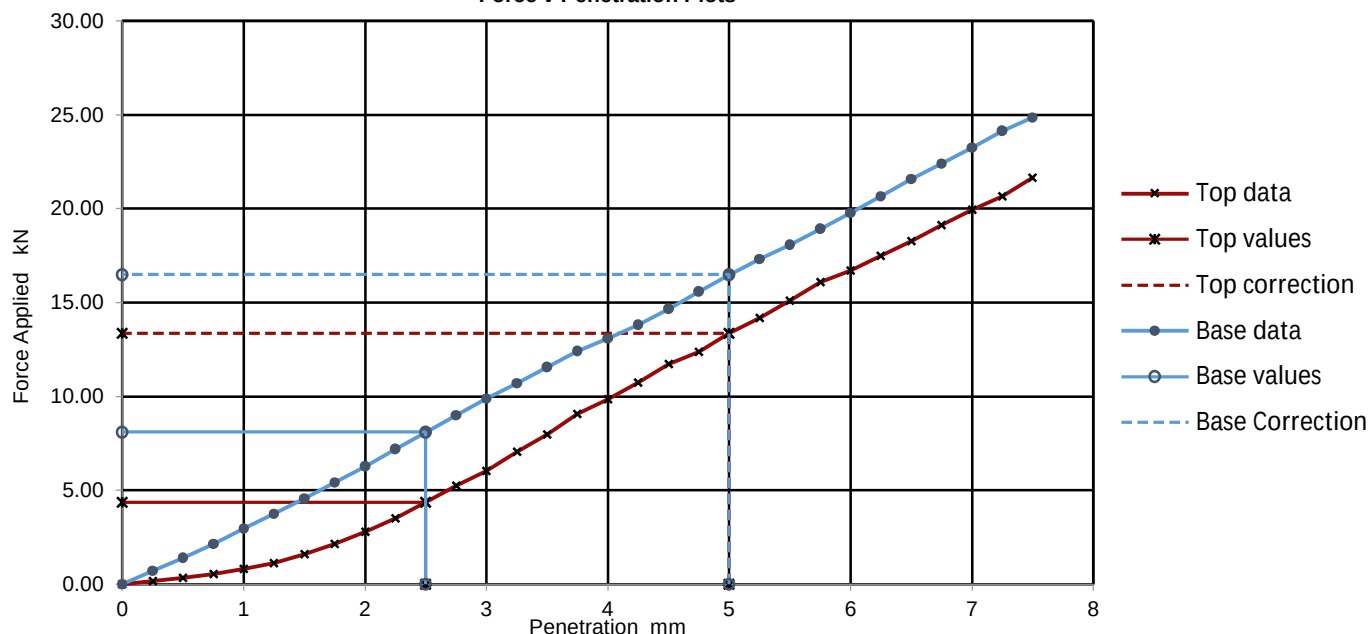
Material Retained on 20mm Sieve Removed	28	%
Initial Specimen Details:	Bulk Density	2.27 Mg/m ³
	Dry Density	2.11 Mg/m ³

Surcharge Applied	15	kg
-------------------	----	----

Test Results

	Curve Correction	CBR Values (%)				Water Content (%)
		2.5mm	5.0mm	Highest	Mean*	
TOP	No	33	67	67		8.0
BASE	No	61	82	82		6.9

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Test deemed not applicable by BS1377: Part 4: 1990: Clause 7.2.1.2 due to greater than 25% retained on 20mm sieve. Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



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CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP10	0.50 - 0.50	B	-	Firm locally stiff orangish brown slightly sandy gravelly silty CLAY. Gravel is brown, black and white angular to rounded chert	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

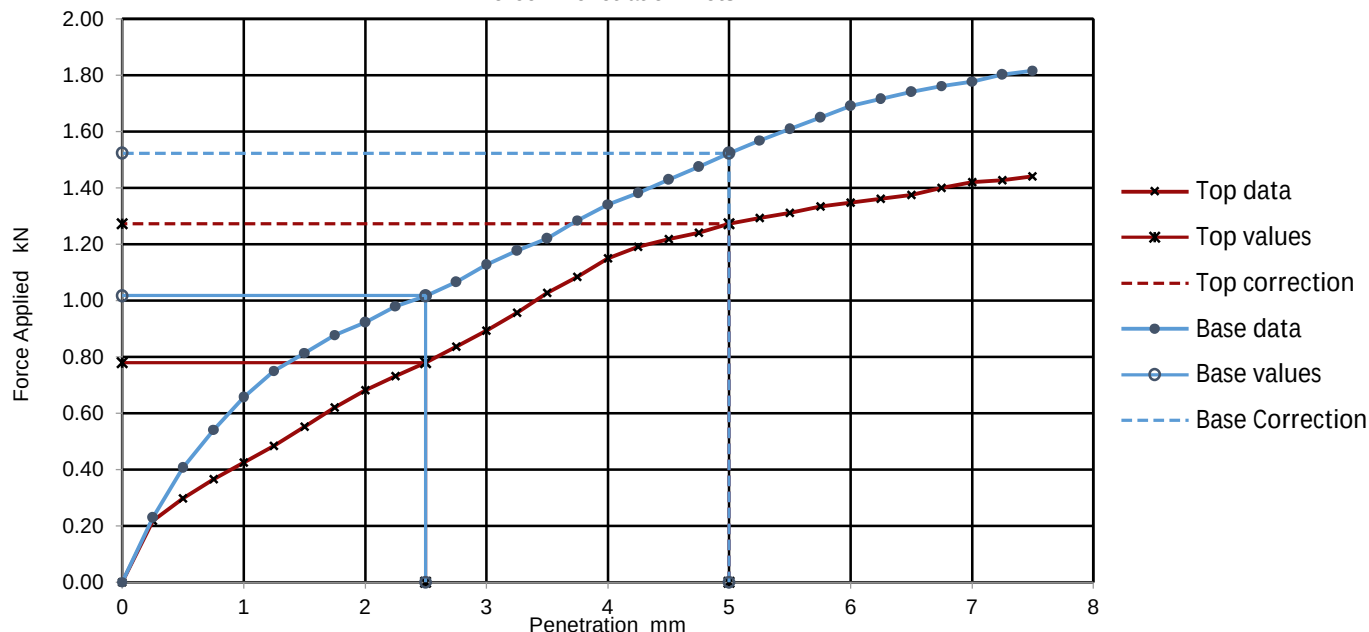
Material Retained on 20mm Sieve Removed	25	%
Initial Specimen Details:	Bulk Density	2.05 Mg/m ³
	Dry Density	1.72 Mg/m ³

Surcharge Applied	15	kg
-------------------	----	----

Test Results

		Curve Correction	CBR Values (%)				Water Content (%)
			2.5mm	5.0mm	Highest	Mean*	
TOP	No		5.9	6.4	6.4	7.1	19.5
BASE	No		7.7	7.6	7.7		18.3

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



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CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP21	0.80 - 1.20	B	-	White, black and brown fine to coarse angular to rounded chert GRAVEL in a firm brown sandy silty clay matrix	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

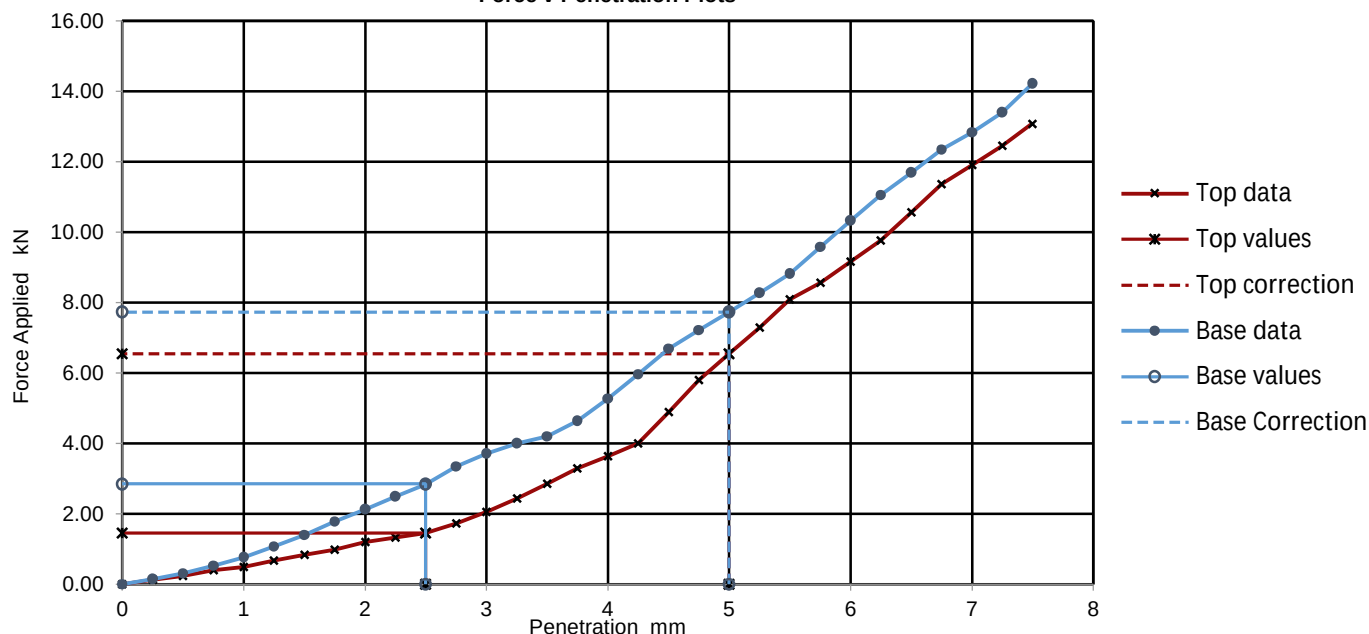
Material Retained on 20mm Sieve Removed	67	%
Initial Specimen Details:	Bulk Density	2.25 Mg/m ³
	Dry Density	2.04 Mg/m ³

Surcharge Applied	15	kg
-------------------	----	----

Test Results

	Curve Correction	CBR Values (%)				Water Content (%)
		2.5mm	5.0mm	Highest	Mean*	
TOP	No	11	33	33	36	10.5
BASE	No	22	39	39		10.5

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value. Test deemed not applicable by BS1377: Part 4: 1990: Clause 7.2.1.2 due to greater than 25% retained on 20mm sieve.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



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CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP24	0.30 - 0.60	B	-	Firm locally stiff brown slightly gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular chert	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

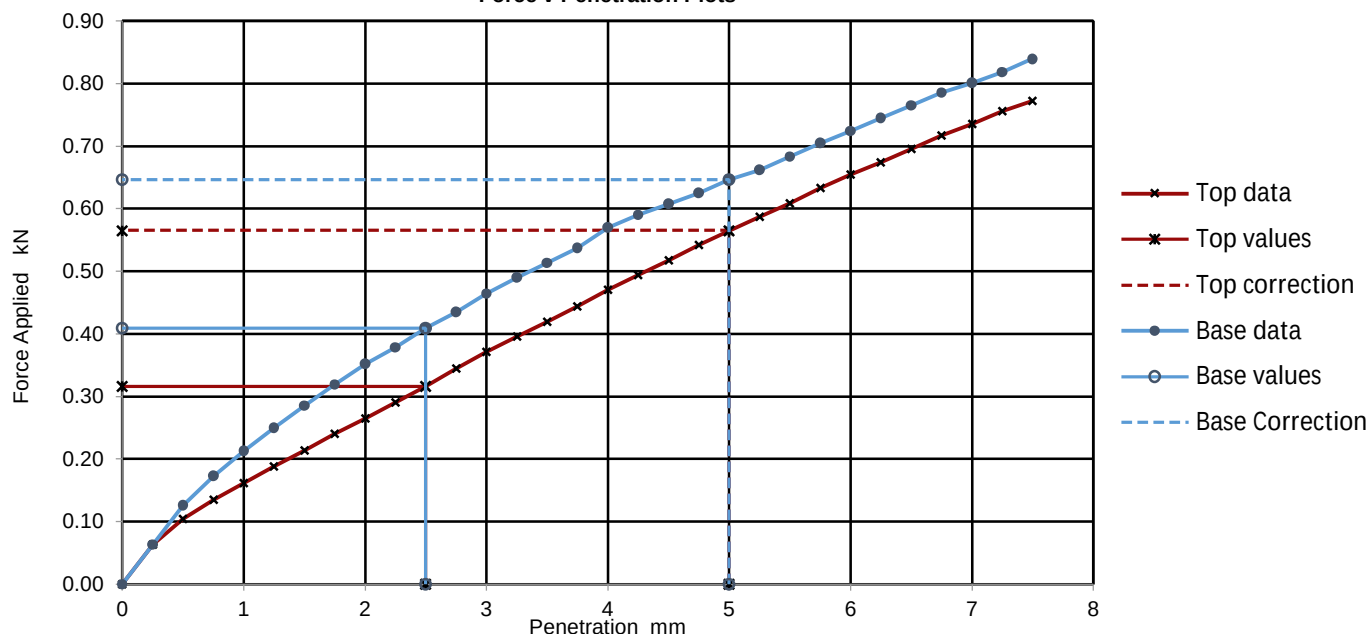
Material Retained on 20mm Sieve Removed	0.3	%
Initial Specimen Details:	Bulk Density	2.03 Mg/m ³
	Dry Density	1.67 Mg/m ³

Surcharge Applied	15	kg
-------------------	----	----

Test Results

	Curve Correction	CBR Values (%)				Water Content (%)
		2.5mm	5.0mm	Highest	Mean*	
TOP	No	2.4	2.8	2.8	3.0	21.4
BASE	No	3.1	3.2	3.2		21.3

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



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Contract	UK20.5052F - Pfizer, Havant
Serial No.	39184_1

CALIFORNIA BEARING RATIO TEST

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
TP25	0.30 - 0.80	B	-	MADE GROUND comprising of yellowish brown slightly silty very gravelly fine to coarse sand with concrete fragments from fine to coarse gravel size, occasional dark grey limestone, brown, black and white angular to subrounded chert and rare brick, plastic and metal	

Specimen Preparation

Condition	Remoulded
Details	Recompacted with specified standard effort using 2.5kg rammer

Soaking Details	Not Soaked	
Period of Soaking		days
Time to Surface		days
Amount of Swell Recorded		mm
Initial Water Content		%

Material Retained on 20mm Sieve Removed	16	%
Initial Specimen Details:	Bulk Density	2.11 Mg/m ³
	Dry Density	1.84 Mg/m ³

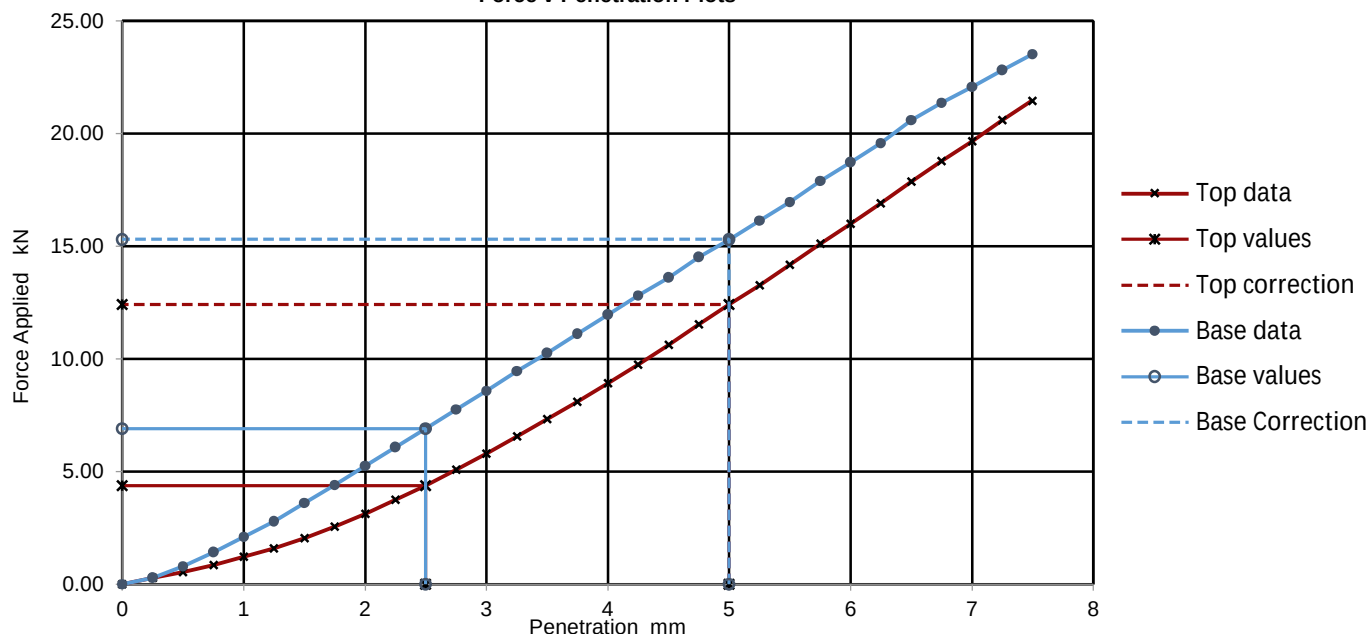
Surcharge Applied	15	kg
-------------------	----	----

Test Results

	Curve Correction	CBR Values (%)			
		2.5mm	5.0mm	Highest	Mean*
TOP	No	33	62	62	
BASE	No	52	76	76	

Water Content (%)
14.6
14.2

Force v Penetration Plots



Method of Preparation:	BS1377: Part1: 2016 & BS1377: Part 4: 1990: 7.2.4.4
Method of Test:	BS 1377: Part 4: 1990: 7
Type of Sample Key	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT= Split Spoon Sample, C = Core Cutter
Comments:	*Only reported if the results from each end of the sample are within $\pm 10\%$ of the mean value. Note:- CBR Results are water content dependent - an increase in water content will result in a decrease of CBR value.
Remarks to Include:	Sample disturbance, loss of moisture, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110°C.



APPENDIX I

Generic Screening Criteria

EPS Generic Quantitative Risk Assessment - Commercial Landuse

Contaminant	Soil Targets			Groundwater Targets	
	Human Health	Controlled Waters		Controlled Waters	
		LGWRP	HGWRP	LGWRP	HGWRP
Unit	mg/kg			ug/l	
Arsenic	See C4SL	n/c	n/c	50	10
Cadmium	See C4SL	n/c	n/c	5	5
Chromium III	8600	n/c	n/c	250	50
Chromium VI	See C4SL	n/c	n/c	n/c	n/c
Copper	68000	n/c	n/c	28	28
Mercury (elemental)	58	n/c	n/c	1	1
Nickel	980	n/c	n/c	200	50
Lead	See C4SL	n/c	n/c	250	10
Selenium	12000	n/c	n/c	10	10
Zinc	730000	n/c	n/c	500	500
Benzene	See C4SL	0.252	0.008	30	1
Toluene	56000* (869)	1.17	1.17	50	50
Ethylbenzene	5700* (518)	15.0	10.0	300	200
Xylene (Para)	5900** (576)	0.885	0.885	30	30
MTBE#	7900	0.138	0.0276	75	15
Benzo(a)Pyrene	see C4SL	10	1.44	0.7	0.1
Naphthalene	190** (76.4)	0.934	0.02	10	0.1
Dibenz(ah)anthracene	3.5	n/c	n/c	n/c	n/c
Aliphatic C5-C6	3200** (304)	5.27	1.05	50	10
Aliphatic C6-C8	7800** (144)	23.2	4.64	50	10
Aliphatic C8-C10	2000** (78)	175	35.1	50	10
Aliphatic C10-C12	9700** (48)	1380	276	50	10
Aliphatic C12-C16	59000** (24)	27500	5490	50	10
Aliphatic C16-C35	1600000	3.46E+06	6.91E+05	50	10
Aromatic C8-C10	3500* (613)	8.74	1.75	50	10
Aromatic C10-C12	16000** (364)	13.8	2.76	50	10
Aromatic C12-C16	36000** (169)	27.5	5.5	50	10
Aromatic C16-C21	28000	86.9	17.4	50	10
Aromatic C21-C35	28000	690	138	50	10

Notes:

LGWRP - Low Groundwater Resource Potential

HGWRP - High Groundwater Resource Potential

* = S4UL exceeds vapour saturation limit (in brackets)

** = S4UL exceeds solubility saturation limit (in brackets)

Soil Targets

Targets for Human Health have been taken from S4ULs 'Suitable For Use Levels for Human Health Risk Assessment' – LQM and CIEH (2014) derived using standard sandy loam soil with 1% SOM, except (#) = EIC/AGS/CL:AIRE GAC 'Soil Generic Assessment Criteria' (2010) . For sites where ground conditions differ significantly from sandy loam or site-specific SOM and pH are available, the generic human health targets may be revised.

Targets for Controlled waters have been derived using EA Remedial Targets Worksheet (v3.1) - using standard Sandy Loam ground conditions as described in Science Report SC050021/SR3, assuming no degradation for a 10m compliance distance with criteria of EQS or UKDWS for LGWRP and HGWRP respectively (see notes for GW targets).

Groundwater Targets

For LGWRP, targets have been taken as Freshwater EQS where available. For Ethylbenzene and BaP the WHO Health limit has been used and for MTBE and individual TPH fractions a 5 times multiplier of taste threshold and UKDWS has been taken respectively.

For HGWRP, targets have been taken as UKDWS where available, with the exception of Copper and Zinc where the EQS is lower than the DWS and therefore the EQS has been used as the groundwater target. For Ethylbenzene the upper WHO ATO limit has been used. For Toluene and Xylene, the WHO ATO limit is higher than the EQS and so the lower value has been taken. For MTBE the taste threshold has been taken.

Work carried out to calculate screening criteria for contamination in groundwater with respect of risks to Human Health has generally found that criteria far exceed (by at least 2 orders of magnitude) those listed for the protection of either LGWRP and HGWRP receptors. On this basis, the above groundwater criteria are also considered protective of human health and further evaluation of these risks should be considered alongside any detailed quantitative risk assessments carried out for groundwater on a site specific basis.



EPS Generic Quantitative Risk Assessment

Generic Screening Criteria (C4SLs) - All Land Uses

	Soil Targets					
Contaminant	Residential		Allotments	Commercial	Public Open Spaces	
	With Home Grown Produce	Without Home Grown Produce			Residential	Parks
Unit	mg/kg					
Arsenic	37	40	49	640	79	168
Benzene	0.87	3.3	0.18	98	140	230
Benzo(a)pyrene	5	5.3	5.7	76	10	21
Cadmium	26	149	4.9	410	220	880
Chromium (VI)	21	21	170	49	23	250
Lead	200	310	80	2330	630	1300

Notes:

Targets for Human Health have been taken from the publicly available Category 4 Screening Levels (C4SLs) for assessment of land affected by contamination issued by DEFRA in December 2013.

Within the modelling for C4SLs, a Soil Organic Matter content of 6% has been used. Reference to site-specific data should be made where possible. EPS have carried out a sensitivity analysis in-house and the contaminant benzene is the current C4SL most susceptible to changes in SOM and therefore any risk assessment for this compound must account for this aspect.

APPENDIX J

CLEA Model Output

STEP 2: BASIC SETTINGS

Apply Settings to Model

Back to Guide

SELECT LAND USE Commercial

RATIO MODE ☐

LAND USE OPTIONS

RECEPTOR Female (com)

BUILDING Office (post 1970)

SOIL TYPE Sandy loam

START AC 17

END AC 17

pH 7

SOM (%) 6

EXPOSURE PATHWAYS

ORAL ROUTES

- ☐ direct soil and dust ingestion
- ☐ consumption of homegrown produce
- ☐ soil attached to homegrown produce

DERMAL ROUTES

- ☐ indoor
- ☐ outdoor

INHALATION ROUTES

- ☐ indoor dust
- ☐ outdoor dust
- ☒ indoor vapour
- ☐ outdoor vapour

STEP 3: SELECT CHEMICALS

Clear All

Apply Chemicals to Model

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Select chemicals of interest from pulldown list. Up to thirty chemicals can be assessed at one time. If site concentrations are known these can be entered to over ride model estimates.

[illegible]

[illegible]

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ADVANCED SETTINGS

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SOIL PROPERTIES for Sandy loam		
Porosity, total	$\text{cm}^3 \text{ cm}^{-3}$	0.53
Porosity, air-filled	$\text{cm}^3 \text{ cm}^{-3}$	0.20
Porosity, water-filled	$\text{cm}^3 \text{ cm}^{-3}$	0.33
Residual soil water Content	$\text{cm}^3 \text{ cm}^{-3}$	0.12
Saturated hydraulic conductivity	cm s^{-1}	3.56E-03
van Genuchten shape parameter (m)	dimensionless	3.20E-01
Bulk density	g cm^{-3}	1.21
Threshold value of wind speed at 10m	m s^{-1}	7.20
Empirical function (F_x) for dust model	dimensionless	1.22
Ambient soil temperature	K	283

BUILDING PROPERTIES for Office (post 1970)		
Building footprint	m^2	6.10E+02
Living space air exchange rate	hr^{-1}	1.00
Living space height (above ground)	m	12.8
Living space height (below ground)	m	0.0
Pressure difference (soil to enclosed space)	Pa	5.1
Foundation thickness	m	1.50E-01
Floor crack area	cm^2	1.98E+03
Dust loading factor	$\mu\text{g m}^{-3}$	1.00E+02

AIR DISPERSION MODEL		
Mean annual windspeed (10 m)	m s^{-1}	5.00
Air dispersion factor at height of 0.8 m	$\text{g m}^{-2} \text{ s}^{-1} \text{ per kg m}^{-3}$	68.0
Air dispersion factor at height of 1.6 m	$\text{g m}^{-2} \text{ s}^{-1} \text{ per kg m}^{-3}$	120.0
Fraction of site with hard or vegetative cover	$\text{m}^2 \text{ m}^{-2}$	0.80

VAPOUR MODEL		
Use default soil gas ingress rate	☒	
Default soil gas ingress rate	$\text{cm}^3 \text{ s}^{-1}$	150.00
Depth to top of source (beneath building)	cm	65
Depth to top of source (no building)	cm	0

Use limited source thickness	☐	
Thickness of contaminant layer	cm	200
Time average period for surface emissions	years	49
User defined effective air permeability	cm^2	3.05E-08

3.05037E-08



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