

APPENDIX F

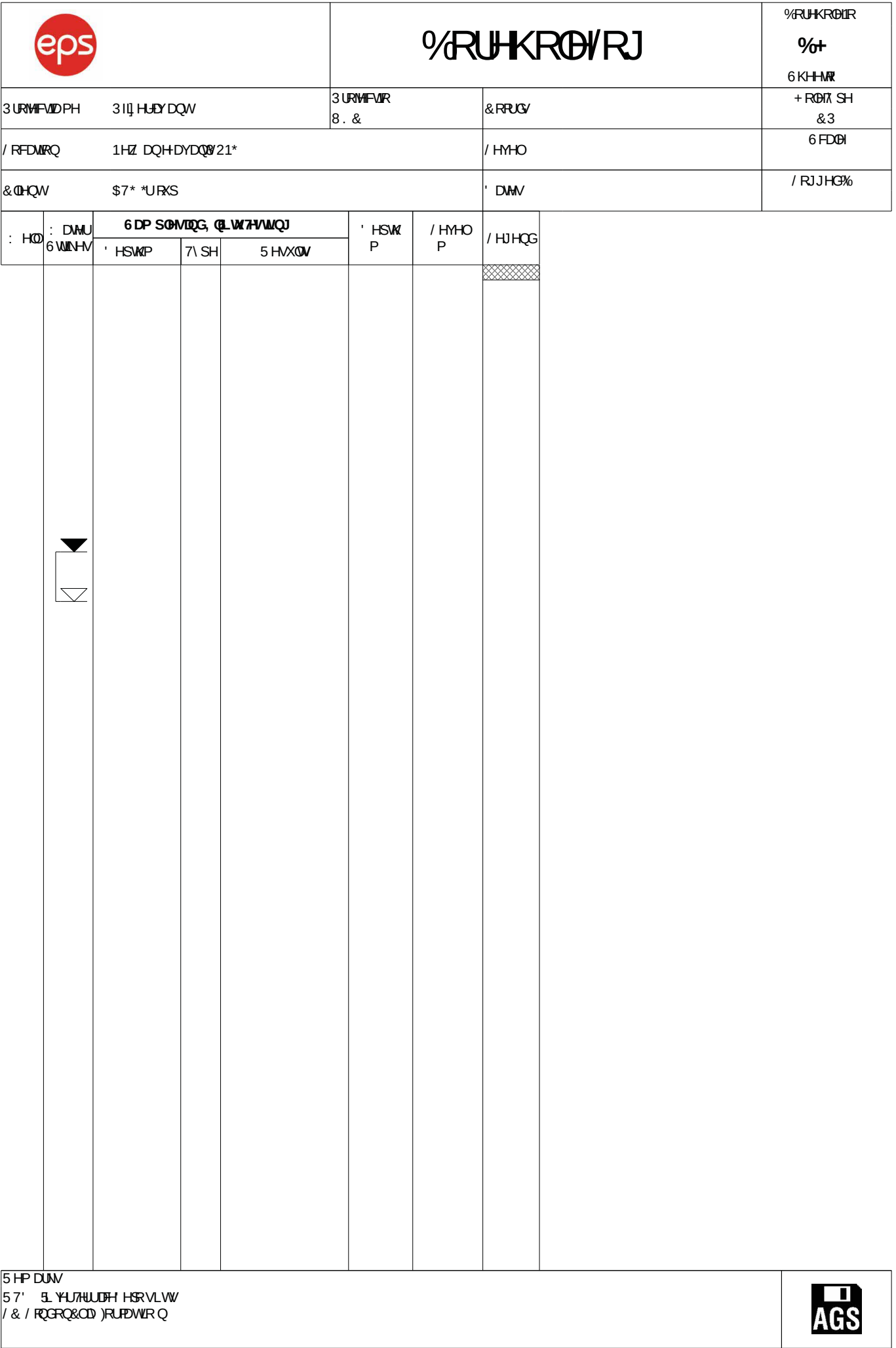
Site Specific Borehole and Trial Pit Logs

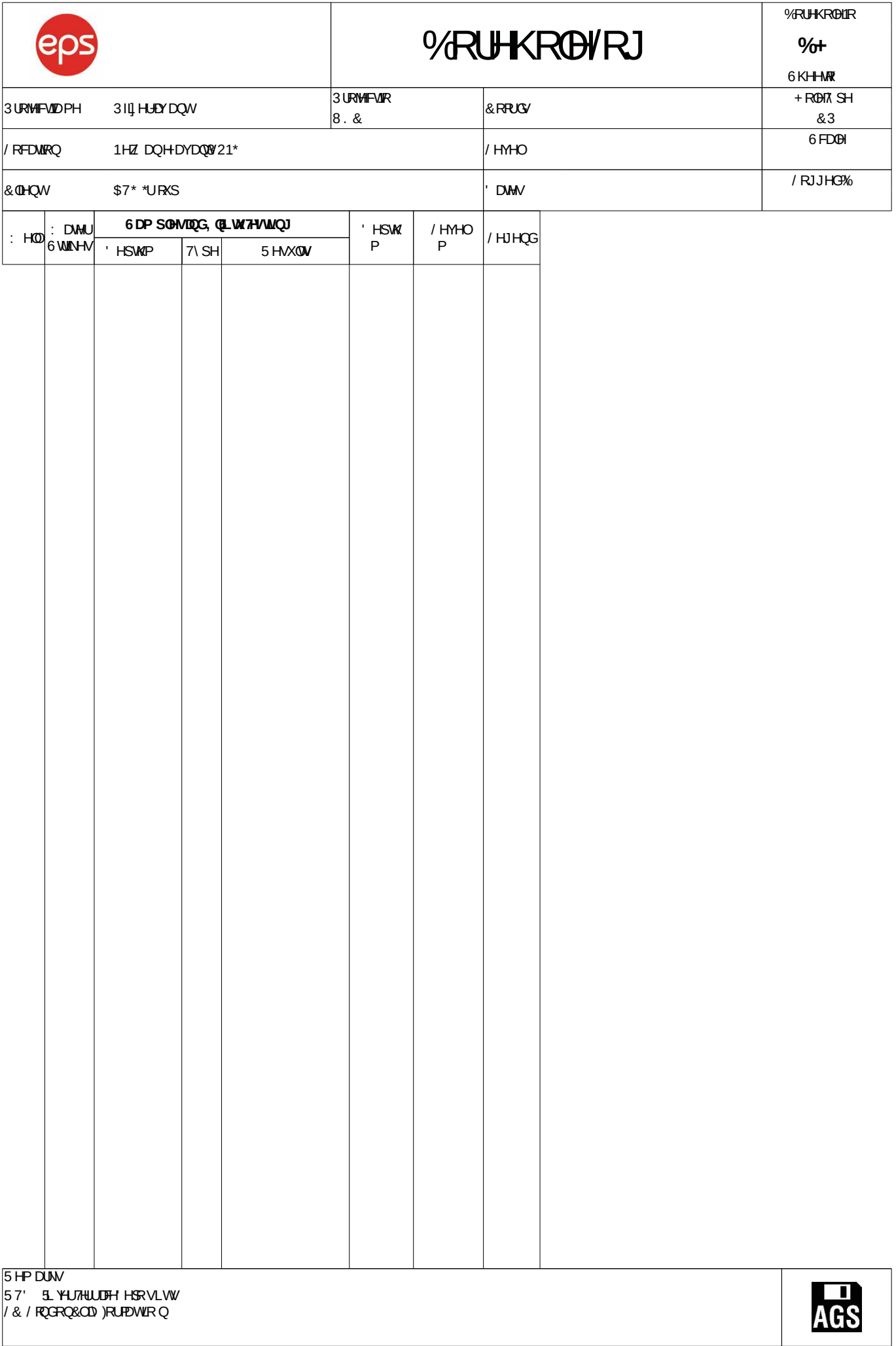
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/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØIR %+ 6KH+MR
3URMFVDPH	3I1J HJYDQW	3URMFVIR 8. &	&RUCV	+RØIR SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

: HØ



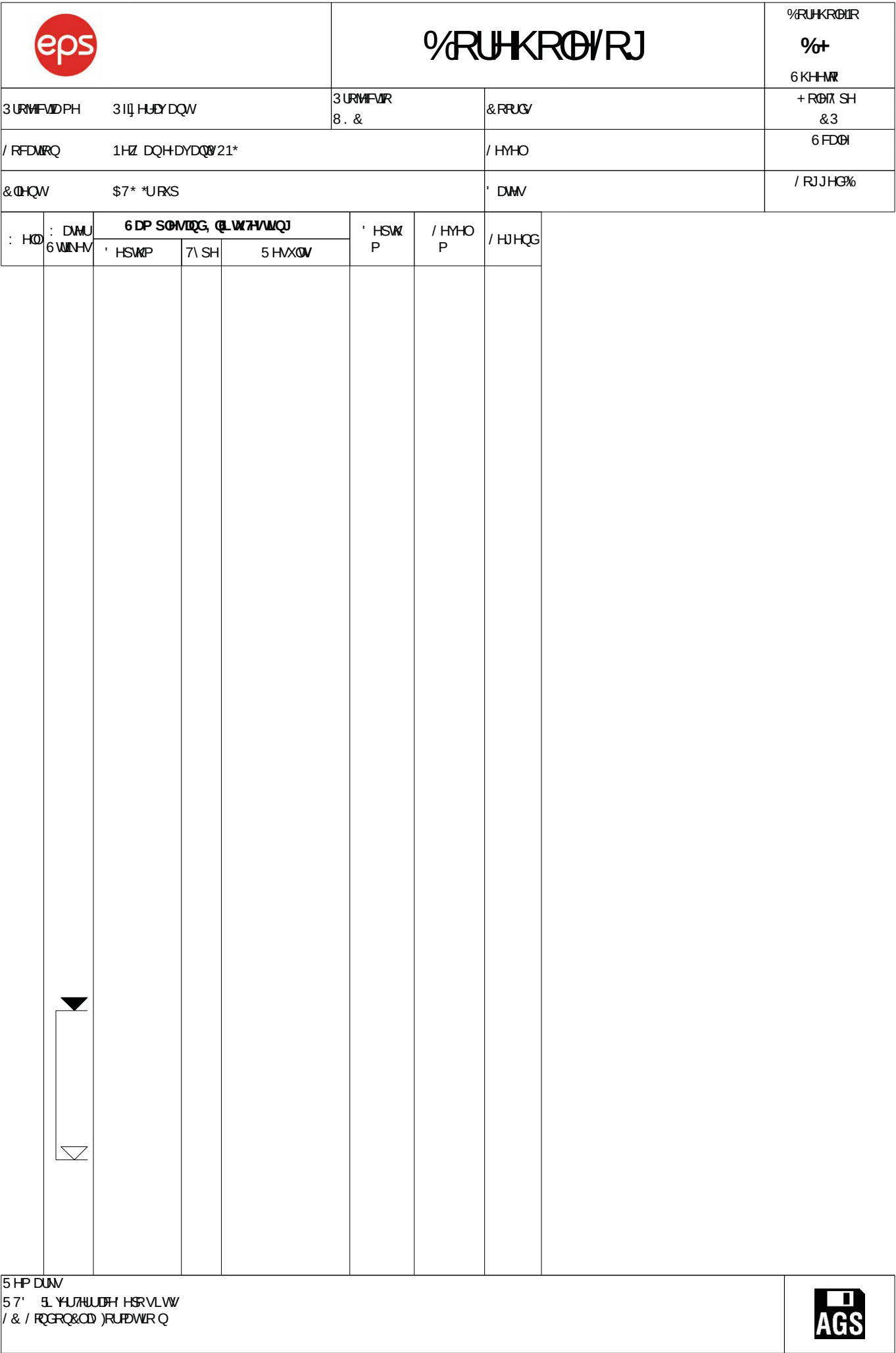


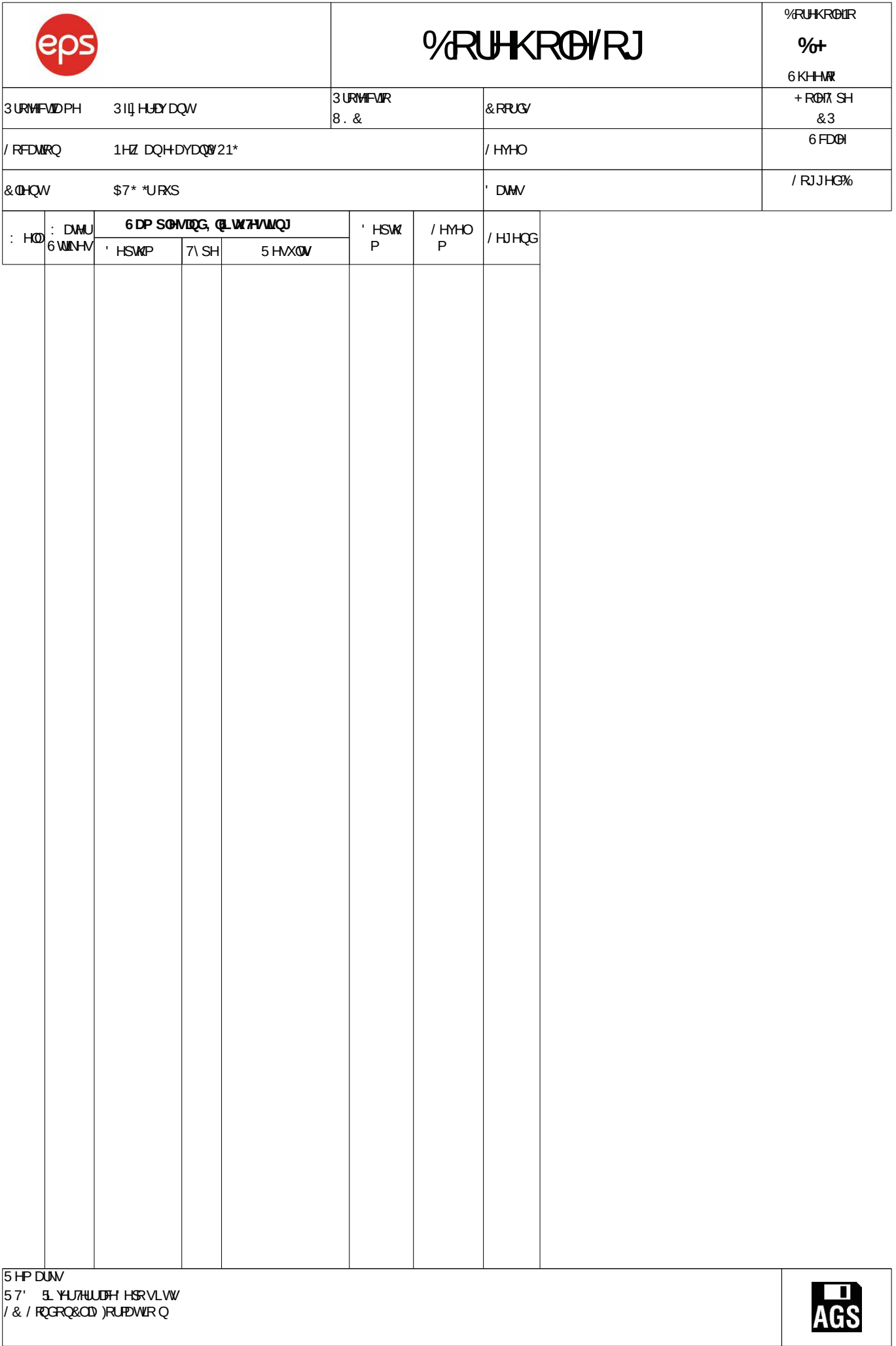
		%RUHKRØ/RJ		%RUHKRØIR %+ 6KH+MR
3URMFVDPH	3I1J HJYDQW	3URMFVR 8. &	&RUCV	+RØIR SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&CHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØIR %+ 6KH+MR
3URMFVDPH	3I1J HJYDQW	3URMFVR 8. &	&RUCV	+RØIR SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&CHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØIR %+ 6KH+MR
3URMFVDPH	3I1J HJYDQW	3URMFVR 8. &	&RUCV	+RØIR SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&CHQW	\$7* *URKS		' DMV	/RJJHG%

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%RUHKRØ/RJ

%RUHKRØIR

%+

6KH+M

3URMFVDPH	311J HJYDQW	3URMFVIR 8. &	&RUCV	+ RØIX SH &3
/ RFDNRQ	1HZ DQH+DYDQW/21*		/ HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/ RJJHG%

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5 HP DUN
57' 5L YU7HWDH HSRVLW/
/ & / RQGRQ&OD)RUPDNR Q





%RUHKRØ/RJ

%RUHKRØIR

%+

6KH+M

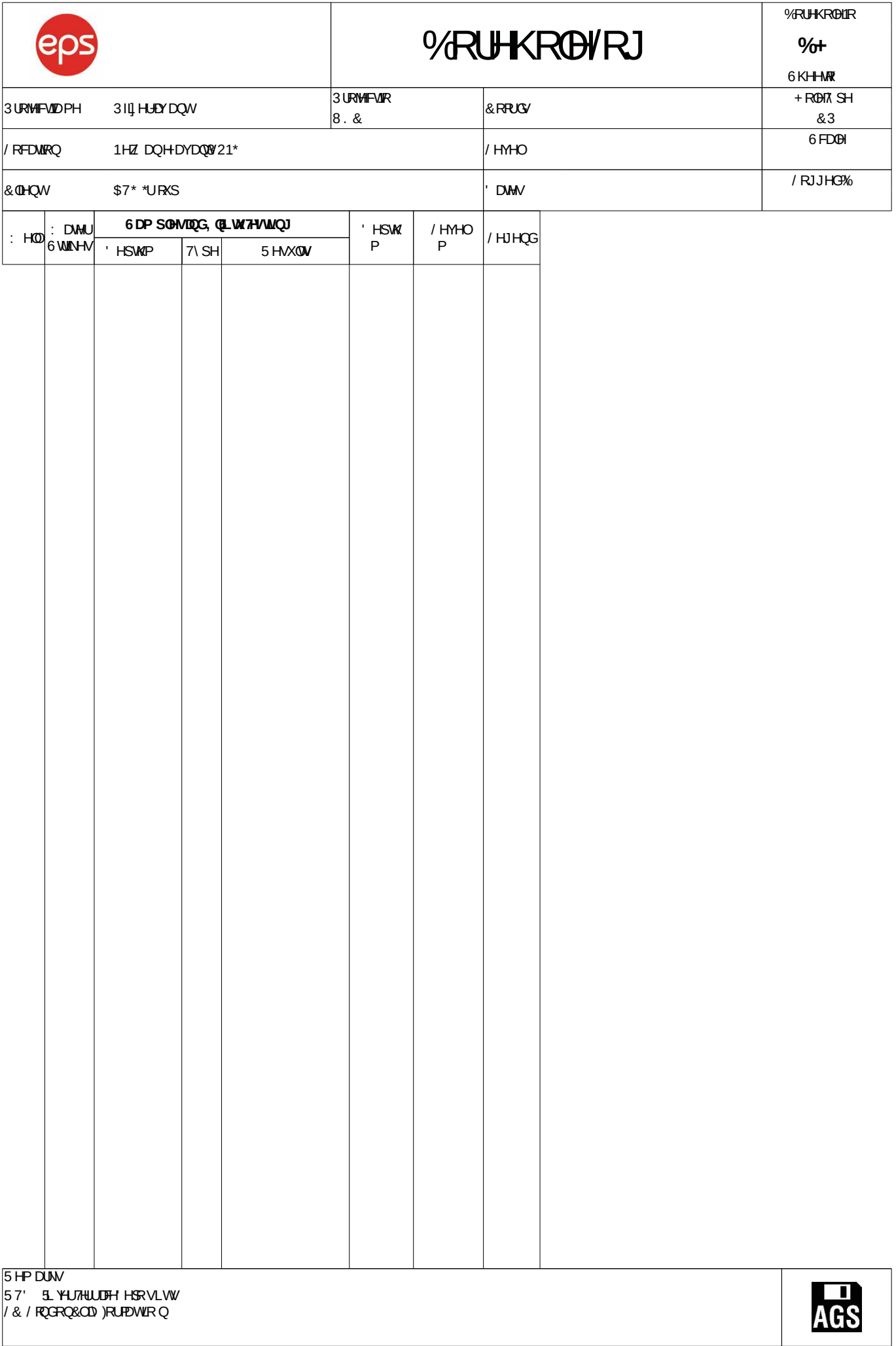
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/RFDNRQ	1HZ DQH+DYDQW21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

: HØ	: DMU 6W1H-V	6DP SØMØG, ØLW7H+MQJ			' HSW P	/HYHO P	/HJHQG
		' HSWP	71 SH	5HVXØW			



5HP DUM
57' 5L YU7HWDH HSRVLWV
/ & / RØGRQ&ØD)RUPDNR Q







%RUHKRØ/RJ

%RUHKRØIR

%+

6KH+M

3URMFVDPH 31IJ HJYDQW

3URMFVR
8. &

&RUCV

+RØI SH

&3

/RFDNRQ 1HZ DQH+DYDQW21*

/HYHO

6FDØI

&CHQW \$7* *URKS

'DMV

/RJJHG%

: HØ

: DMU
6WLNHV

6DP SØMDQ, ØLW7HMQJ

' HSWP

7I SH

5HVXOW

' HSW
P

/HYHO
P

/HJHQG

5HPDUN

57' 5L YU7HWDH HSRVLWV
/ & / RØGRQ&ØD)RUPDNR Q



		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+M
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

: HØ

		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+M
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+M
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+M
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØIR %+ 6KH+MR
3URMFVDPH	3I1J HJYDQW	3URMFVIR 8. &	&RUCV	+RØIX SH &3
/RFDNRQ	1HZ DQH+DYDQW/21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+MR
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+MR
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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		%RUHKRØ/RJ		%RUHKRØR %+ 6KH+MR
3URMFVDPH	31I HJYDQW	3URMFVR 8. &	&RUCV	+RØX SH &3
/RFDNRQ	1HZ DQH+DYDQW21*		/HYHO	6FDØI
&QHQW	\$7* *URKS		' DMV	/RJJHG%

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7UDGL VV

7UDSLVR

73

6KHMR

3URVFW 3IJ HJYDQW
1DPH

3URVFW
8. &

&RRU
/HYO

'DM

/RFDNRQ 1HZ DQHDYDQW21*

'IP HQMRQV
P

6FDQ

&CHQW \$7* *URKS

'HSW

/RJJHG
5&

: DMU 6MNH	6DP SOMQG, QW7HMQJ			' HSW P	/ HYHO P	/ HJHOG
	' HSW	7\ SH	5 HXOW			
						

5HP DUN 57' 5L YU7HJH HSRVLW
* URXQZ DMUD VMMNDVSWR PQULQJFD YDWRUHWLQDMDI WULFQ

6WELQW 0 RGHUM















7UDGL VV

7UDSLVR

73

6KHMR

3URMFV
1DPH 3I| HUEYDQW

3URMFVR
8. &

&RRUG
/HYHO

'DM

/RFDNRQ 1HZ DQH+DYDQW21*

'IP HQMRQV
P

6FDØ

&CHQW \$7* *URKS

'HSW

/RJJHG
'%

: DMU 6MNH	6DP SOMDQ, QW7HVMQJ			' HSW P	/HYHO P	/HJHGG
	' HSW	7\ SH	5 HVXOW			

5HPDUN 57' 5L YU7HJUH HSRVLW
* URXQZ DMUDVQRWQRXQWUHGGULQJHFDYDLRQ
3M FQYDWMGYLDQFXPH F DYDLRQ
6WELQW 0RGHUM













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APPENDIX G

Environmental Laboratory Testing

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



Attention : Michael Judson
Date : 23rd January, 2021
Your reference : UK20.5052c
Our reference : Test Report 21/891 Batch 1 Schedule A
Location : Pfizer, 32 New Lane, Havent, PO9 2NG
Date samples received : 23rd January, 2021
Status : Final report
Issue : 2

Seven samples were received for analysis on 23rd January, 2021 of which two 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:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: (36/VG

Reference: 8 . F

Location: 3 IJ HUIZ/ QH+ DYHQVZL *

Contact: 0 IFKDHOXGVRQ

EMT Job No:

Report : Solid

Solids:9 J92&NDU- JIOWNDU7 SDWLWE

EMT Sample No.												
Sample ID	% 73											
Depth												
COC No / misc												
Containers	9-9	-										
Sample Date												
Sample Type	& OA	& OA										
Batch Number												
Date of Receipt										/ 2 ' /25	8 QW	0 HMRG 1 R
\$UHQE #M	PJN	J										70 30
&DGP IXP #M	PJN	J										70 30
&KURP IXP #M	PJN											70 30
&RSSHU #M	P	J								NJ		70 30
/ HDG #M	PJ	N								J		70 30
0 HUPXU #M	PJN											70 30
1 IFNHQ #M	PJN	J										70 30
6 HXQXP #M	PJ	NJ										70 30
6 XSKXUV6												70 30
7 RMDX O&D VMD62 #M	PJN	J										70 30
=IQE #M	PJ	NJ										70 30
3 \$ + 06												
1 DSKWDBQH #M	PJN7	030										
\$FHQDSKVA BQH	PJN											70 30
\$FHQDSKVAHQH #M	PJN7	030										
) QRHQH #M	PJN7	030										
3 KHQDQWUHQH #M	PJN7	030										
\$QWDFHQH #	PJN7	030										
) QRUDQWUHQH #M	PJN7	030										
3 \ UHQH #	PJN7	030										
%HQJ RDXQWUHQH #	PJN7	030										
&KV VHQH #M	PJN7	030										
%HQJ REN O&DQWUHQH #M	PJN7	030										
%HQJ RDS UHQH #	PJN7	030										
,QHQRFSS \ UHQH #M	PJN7	030										
' IEHQJ RDXQWUHQH #	PJN7	030										
%HQJ RKL \$UA QHQH #	PJN7	030										
3 \$ + 7RV0D	PJN											70 30
%HQJ RE O&DQWUHQH	PJN											70 30
%HQJ RN O&DQWUHQH	PJN											70 30
3 \$ + 0KUR0DWSHF RYHU												70 30
92 & 7, &/	1'	1'									1 RQH	70 30
0 HMA QHMDA %WV QVHU #	XJ	NJ										70 30
%HQJ HQH #	XJ	NJ										70 30
7 RDXHQH #	XJ	NJ										70 30
(VA BHQJ HQH #	XJ	NJ										70 30
P S \ CHQ #	XJ	NJ										70 30
R \ OQH #	XJ	NJ										70 30
6 XURJ DMBHFRYHU 7 RDXHQH												70 30
6 XURJ DMBHFRYHU %MFRIOX RUEHQHQH												70 30
692 & 7, &/1	' 1	' 1									RQH7	03 0

Client Name: (36/MG
Reference: 8.F
Location: 311 HUIZ/ QH+ DYHQWZ *
Contact: 0 1FKDHXGVRQ
EMT Job No:

Solids: 9 J92&NDU- J10VMDU7 \$DVLFXE

3 QIDVNHHDWTEKHGQRMVIRUQD
DEEUHYIDMRQMDGDFURQPV

Client Name: (36/WG
Reference: 8. F
Location: 31J HUIZ/ QH+ DYHQVZL *
Contact: 0 IFKHGXGRQ
EMT Job No:

SVOC Report : Solid

EMT Sample No.													
Sample ID	%# 73												
Depth													
COC No / misc													
Containers	9-9	-											
Sample Date													
Sample Type	& DA	& DA											
Batch Number													
Date of Receipt											/ 2' /25	8 QW	0 HWRG 1 R
692 & 06													
Phenols													
&KORURSKHQRO #M	XJN	J70									30		
0HVKIOSKHQRO	XJN	J											70 30
1LWMBKHQRO	XJN	J											70 30
* IFKORRSKHQRO #M	XJN	J70									30		
* IPHWK OSKHQRO	XJN	J											70 30
7ULKORURSKHQRO	XJN	J											70 30
7ULKORURSKHQRO	XJN	J											70 30
&KORURPMIOSKHQRO	XJN	J											70 30
0HVKIOSKHQRO	XJN	J											70 30
1LWMBKHQRO	XJN	J											70 30
3HQWFKORURSKHQRO	XJN	J											70 30
3KHQRO #M	XJN	J70									30		
PAHs													
&KORURQSKVKIOHQH #M	XJN	J70									30		
0HVKIOSKVKIOHQH #M	XJN	J70									30		
Phthalates													
%WVWK QHJ OSKWDODM	XJNJ												70 30
%WVWKQJ \ SKWODVH	XJNJ												70 30
* IQEXV OSKWDODM	XJNJ												70 30
* IQFV OSKWDODM	XJNJ												70 30
* IHWK SKWODVH	XJNJ												70 30
* IP HWA SKWODVH #M	XJNJ	7030											
Other SVOCs													
* IFKORREHQ HQH	XJN	J											70 30
7ULKORURSHQHQH #M	XJN	J70									30		
* IFKORREHQ HQH	XJN	J											70 30
* IFKORREHQ HQH	XJN	J											70 30
1LWMBQLOQH	XJN	J											70 30
* LQWMBQHQH	XJN	J											70 30
* LQWMBQHQH	XJN	J											70 30
1LWMBQLOQH	XJN	J											70 30
%URRS KHQ OSKHQ CHWU #M	XJN	J70									30		
&KORURQLOQH	XJN	J											70 30
&KORURKHQ OSKHQ CHWU	XJN	J											70 30
1LWMBQLOQH	XJN	J											70 30
\$J REHQ HQH	XJN	J											70 30
%WVKORURMRQ\ PHWDQH	XJN	J											70 30
%WVKORURMK QWU	XJN	J											70 30
&DUEJ RQH	XJN	J											70 30
* IEHQ RIXUDQ #M	XJN	J70									30		
+ H[DFKUREHQ HQH	XJN	J											70 30
+ H[DFKUREXWIGHQH #M	XJN	J70									30		
+ H[DFKURFA FESHQDGHQH	XJN	J											70 30
+ H[DFKURHMDQH	XJN	J											70 30
VRSKRURQH #M	XJN	J70									30		
1 QWVWGLSURSODQH #M	XJN	J70									30		
1 WREHQ HQH #M	XJN	J70									30		
6XURJDMHFHYHJ) QWELSKHQ	703	0											
6XURJDMHFHYHJ)SHSKHQ CG	703	0											

Client Name: (36/WG
Reference: 8. F
Location: 3 IJ HUIZ/ QH+ DYHQVZL *
Contact: 0 IFKHGXGRQ
EMT Job No:

VOC Report : Solid

EMT Sample No.													
Sample ID	%# 73												
Depth													
COC No / misc													
Containers	9-9	-											
Sample Date													
Sample Type	& DA	& DA											
Batch Number													
Date of Receipt											/ 2' /25	8 QW	0 HWRG 1 R
92 & 6													
* IFKGRURGRURP HMDQH	XJ	NJ											70 30
0 HMA GHUMDA%WM QVHU #	XJ	NJ											70 30
&KGRUP HMDQH#	XJ	NJ											70 30
9IQ QK ORUG	XJ	NJ											70 BS30
%URP RP HMDQH	XJ	NJ											70 30
&KGRUHMDQH#	XJ	NJ											70 30
7UEKGRURGRURP HMDQH#	XJ	NJ											70 30
* IFORRWKHQH & #	XJ	NJ											70 30
* IFKGRUP HMDQH&0 #	XJN	J											70 30
MDQV LKOR WSHQH #	XJ	NJ											70 30
* IFORRWMDQH #	XJ	NJ											70 30
FLV LKOR WSHQH #	XJ	NJ											70 30
* IFORRSUSDQH	XJ	NJ											70 30
%URP RFGURP HMDQH#	XJ	NJ											70 30
&KGRURUP #	XJ	NJ											70 30
7ULKGRURMDQH #	XJ	NJ											70 30
* IFORRSUSDQH #	XJ	NJ											70 30
&DUEQWVFKORUG #	XJ	NJ											70 30
* IFORRWMDQH #	XJ	NJ											70 30
%HQ HQH#	XJ	NJ											70 30
7UEKGRUHMHQH& #	XJ	NJ											70 30
* IFORRSUSDQH #	XJ	NJ											70 30
* IEURP RP HMDQH#	XJ	NJ											70 30
%URP RGEKGRUP HMDQH#	XJ	NJ											70 30
FLV LKOR WSHQH	XJ	NJ											70 30
7RQHQH#	XJ	NJ											70 30
MDQV LKOR WSHQH	XJ	NJ											70 30
7ULKGRURMDQH #	XJ	NJ											70 30
7HMDFKGRUHMHQH& #	XJ	NJ											70 30
* IFORRSUSDQH #	XJ	NJ											70 30
* IEURP RFGURP HMDQH#	XJ	NJ											70 30
* IEURRWKHQH #	XJ	NJ											70 30
&KGRURHQ HQH#	XJ	NJ											70 30
7HMDFKGRURMDQH #	XJ	NJ											70 30
(VA QHQ HQH#	XJ	NJ											70 30
P S\OHQ #	XJ	NJ											70 30
R\ OHQ #	XJ	NJ											70 30
6WUHQH	XJ	NJ											70 BS30
%URP RIRUP	XJ	NJ											70 30
,VRSUS\ QHQ HQH#	XJ	NJ											70 30
7HMDFKGRURMDQH #	XJ	NJ											70 30
%URP REHQ HQH	XJ	NJ											70 30
7ULKGRURUSDQH #	XJ	NJ											70 30
3URS\ QHQ HQH#	XJ	NJ											70 30
&KORURMDQH	XJ	NJ											70 30
7ULPMA QHQ HQH #	XJ	NJ											70 30
&KORURMDQH	XJ	NJ											70 30
WUWVWCEQ HQH #	XJ	NJ											70 30
7ULPMA QHQ HQH #	XJ	NJ											70 30
VHPWVCEQ HQH #	XJ	NJ											70 30
,VRSUS\ OVRQH #	XJ	NJ											70 30
* IFORREQ HQH #	XJ	NJ											70 30
* IFORREQ HQH #	XJ	NJ											70 30
QWVCEQ HQH #	XJ	NJ											70 30
* IFORREQ HQH #	XJ	NJ											70 30
* IEURP\KORURUSDQH #	XJ	NJ											70 30
7ULKGRURHQ HQH&XJNJ	XJ	NJ											70 30
+ H\ DFKGRURMDQH	XJN	J											70 30
1 DSKMDQH													70 30
7ULKGRURHQ HQH&XJNJ													70 30
6XURJ DMBFRYHJ7RQKH													70 30
6XURJ DMBFRYHJWRRQK RUEQH													70 30

3 QDM-HHDMFKHGRMMVRUDD
DEEUHMDRQVQGRURQ PV

Matrix : Solid

XGIDOOVFWRQVRVMUHSRWLILVMUSUGXFHR

Note:

2 SIQRQM(QXGQ\$&0M S HQG\$EHMRVCHYDCHWKQDHRXLGWNHVFBRIRXU\$. \$6DFUHLVDWRQ

[illegible]

Client Name: (36/MG
Reference: 8 . E
Location: 311 ~~UIZ~~ ~~QIH~~ ~~DYHQW~~ *
Contact: 0 1FKDHGXVRQ

[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.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.:

SOILS

3 0DMHQWZHDUHQ00&(576 DFFUHGVHGB. VLOPQOI RUDQORPQFO DQQRWKHUPDW[LVRXWLGRXUVFS HRPFHGVMVRQ

: KHUH DQ0 &(576 UHSRWKV EHHQ UHTXHMWG RXZ L QHQ RWILKZ L VLQ RX UVRID Q VDP SCH VMD WIDYHEHH QLGH QVLI IHOYE HL QJRWVLGRXU 0 &(576 VFRSH\$ VY DQGVWRK DVE HHQS HUIRPH GR QF QD VDQDQ GOR PQRQ VDP SCH VMD WDUHSUH GPLQD QVQ VHVPDWU LHPURPELQD WVRQV RI VHP ZLOEH ZLMLQ RXU0 &(576 VFRSH, IVDPSCVD UHQ RVRQR I DF RPE LQWVRQ I WMD ERYHP D WVMWVKA Z L QVRVEHP D UNHD V0 &(576 DFFUHGVMG

,VM DWXP HG WDM RX KDYH WDHQ UHSUHVQMVMYH VDP SBN RQ VMV DQG UHTXUW DQDVMV RQ D UHSUHVQMVMYH VXEVDP S06 WRQHVZ L QHQHUDEE H LQFGHGQGVZHDUHUHTXVMWGVRUFRYHMH P

\$ QDPS CHZLOGB VFDGHQHPRQKD VHVWGHVIRUHSRUWQ XQMVZHDHLQVIXFVGVVRVFRQVMDA

,IRKDYHQRMDQDGRQRHRSCHDVNQXVDSXFKDVHGHULIVKLVLVHTXUWBA RUPPSDQ

: KHUHSSUSLUDVSDYHPDNH VXUHKDVRUGHMFWRQDPLWDUWK DGEH RI RUQHGLVMH DHCVRMSBQVWLI\ XLPPEHNO

\$ QDQDVMV LV UHSRUMG RQ D GU ZHU KWEDMV XQDM WDMG RWHUZLVH LRL VR I GHVFRVQ RUDQDVMVF DUHGR XVRQD VU HFHL YGV DPS CHD UHQ RW P RVVMUH FRQMQVFRUJHMG5 HVXOND UHQ RVXUUR DVMF RUHFVGBD PSONDU HGJ LHEWf&" f& QCH VRMHU ZLVHWMDH GRLWK UHFRQVQ WRU &(1/HDFKDVMMVMDHGLHGM&"f&

: KHUHL QUDQORQDZLOVQ*UDHLVT XRWGMZUHI HVMFRDQSLKMF&&

: KHUHZ(1=(52+HDQSDFI9 2&VMMKDEHHQDUHGRXDUDMRZVMVMZVUDUHFHYGRLQDVEHQVH

\$ VEHWRVQEHVVR&QV QLQDMUD O\$8VLGVHU FLQEE UHI HU KQFMR+67K6XUYH*XLGH\$ SSHQ[\$8VLQEXLOGQV QMGLQGHURIHDVRI I LEHHDH

6 XIIFHQVPR XQVRVDSCH PMXZ HUHFL YGVREUJRWKHMVVLQSHFI LHGKHUHQQKI ILE HQMFRQRI VDSKHDEHH QUHFL YGVK H VMVQID[QVPHVMWKHFXLUPHQR I RXDFRUGLMPHWRKSDW XKDFUELVMDLRQDA EHURYG

1 HJDMYHIXWIDJQVRC3VHQL Q3DQXDUHREV QKZKHQHYROXPHR1D2+1VMUDV\$+L VJHDVHVMQHYROPHR +Q VRUGXFHVS+R VKNDSCHVS QQJDMYH3DQXVJHFRUHFVGR

7 KHEDQVRCR3VL VMQMVQDVXPMKD WDQ LG VCHXSKL GMSUNVHQL QMHVDPSCDH\$ ULVH7 KLVDA QVHVHFXH7KFD QFQDWRQ P DA EDQYHUHVLVLBN ZKHQRVKHUXOSKGNXKDVGBULVHCU XPOSDVMDH SJHVCW

WATERS

3 0DMHQWZHDUHQV8. 'ULQLQ :DMVQS HVRVMH : , \$SURVH D ERDVRU

,62 DFFUH GLVMDRQSL HVMKU ID FZDVHU DQGRXQ GZWHUDQXVXDQ Q RQRMKHU PVM[ZKFK LVQD Q VLVGHE I LFDQVKHUO LXLGVH RXVMGRXUVFSRI DFRHGLVMVRQ

\$ WUIDFZDVHUHTXLHG IHDQVDPDSU HSDM/RQVRXQZDVUMVKHODERDURVWELQ RUP HGRVKHDMVM SHZKQXPLVMQVDPCHV

: KHUHL QUDQORQDZLOVQ*UDHLVT XRWGMZUHI HVMFRDQSLKMF&&

DEVIATING SAMPLES

\$ QVDP SBN VKRQEH VXEP VMG VR WH DERUDRU IQ VLVDEQI FRQMLQUV ZLV XIIFHQVPH SDFN VR VXMDQ DQ DSSURSUDM VMP SHUDMUH IRUWH UHTXHMWG DQDVMV7 KHWHPH HUDVUR I VPS CH HFHLYV W FRUGGR QWKF RQ WDD WVRQ FKHGQVL Q UGLMGMVKF QVWFQD DND QL QRPH G GHFMRQVZKHVKHVMVXQVVRQVMLOEHQVNDHQ

SURROGATES

6 XURJDMFRP SRXQV DUH DGGHG GXUQI WH SUHSDURQ SURFW VR P QRURUHFYHU RI DQDVM+ RZHYHUQZU HFRYUHL QRLQ VR I MQGXHVS HDV FO RUMKHURJQIF UFK P DMFHM RUZDVUMVKLV DQE HG XHVR [LGQVXU DWDQVRU DQFULE KHG LPHQVRU HPGL DMRQX LQSFH SVDECH QP VV IRUP RVRUJ DQF P HMRGV DUH DQ GI RU9 2&V DQ: KHQVX UR J DMV H F RYH ULHDURX WLGHWESH UR UQDFH ULWHULBXV WMDVFFLDV84SDWHWVKLVVDVRGVEH GXHVRVW[HIIHV5HVMDHQRVUURJ DMFRUHFV8

DILUTIONS

\$ GQVRQXI I LQEDMMLOXVRQDEHQSJU RUPEDQVH UHSRUMGHXOVMDHVMVLQVFRXQVRXVKHUFDCFQDWRQLVHTXLHG

BLANKS

: KHUH DQDVMV KDYH EHHQ IRXQG IQ WH EQNVMV DPS CHZ L QHWMUDVEL Q FFRQDQFHZ L VR XUODERUDVRS UFFHGXUH RUGHQIQZ L VF RQVPL QV8 EQQW

NOTE

' DMDLV RQD UHSRUMG I WH DERUDRU LV FRQIGHQVMDVMH GMD LV D VKH UHGFVRQRI WH VDP SBN DQDVMG DMD VRQOUHSRUMED VDFFHGLV8Z KHQ DQMH UHTXUHP HQV RI RXU4 XDQV6\ VMP KDYH EHHQ P HMG HMDQ LUBPV WQFHVZ KHUH DMKHU HTXLUPH QVR I WKA XQV8\ VMPK DYHQ RVEHQ P HMRUL QVDFH IWKD VVFLDVS 4&K DM DGBMKUH DVRQLV IX QIQYMWLDVH8Q GGR FXPHQVHGKHVDP SCH GMDLVWIKI QYD QXMGOR QVLGH WHRVHUTDOLVRQVRORKHVSHU RUPHGU LQDQDVLVRGBHURHVLVWL VEDQV) RQZIQMLHYDQDWRQSRYLGHMHNPSCUHVXOVKDFQV EHHQ HIIHMGVKHG DMD VHSRUMEE XVDFFUHLQVRQL V HPR YHG VLV8. \$6UH TXLUHQQW RUEDVQR WUHSRUMGV DF FUGLVGR EH FR QVLGHG LQGFDMYHQOEXMKLVGRVPHQV8G DMDQVRMDQG

: KHUH SRMEQDQGL UHTXHMVGDPSONZL QGHUH HJ WDMMGDQ DUH YLVHGS RMLVXKZLVKBF UHGLVGHV XOV3DVRQR VR HMLVDMVRFR QVDFW WHDERUDVRILIXNHGMDQDUHTXUGRI VHFUFRVMDPVZK LKDYHDIQVVKHUPROORDFUGMD VLRQ

3 0DMHQGHQDQVLRQRI VKVSRUW LVWV88FG

4) 30Y

\$ QRCGHKQVMDH[SUHMHQRQGV ZHLKMDVLXQDMVDMGRVKHVLVH

RI

REPORTS FROM THE SOUTH AFRICA LABORATORY

\$ Q PH WRGQPEH UQPSUHL[HZLVK\$ KVEIHQZQGJWDNHL QRX\$. CDEUDRUX QZVUHSRMEVXEFRQUDFNG

Measurement Uncertainty

0 HDXUHP HQMFHMD QVGH L QVWKHDQJRI YDQXWKDVFRCUHVQRCEQHDWWLEBNGRMMHPDXUGXQVMM 7KLVDQJRI YDQKDVQV
EHHLQEOGHGZLVKQMMHSRWVGUNXOV8QFUMQW H[SUVHGVDSHUFHQDHFQESURYLGHGSRQHTXHW

ABBREVIATIONS and ACRONYMS USED

	,62 8. \$65H1 RDFUHQVH\$
6 \$	,62 6\$1\$6\$H 1 R7 DFF UHG W\$6RXW\$ ULFD
%	,QGLFDMVQDCOVH RQGL QVFFLDWH\$HWK\$ EODQN
' 5	' LQVRQUTXLWG
0	0 & (5 7 6 DFFUHLWG
1 \$	1 R\$SQUEECH
1 \$'	1 R\$VEHWRV' HWHFWHG
1 '	1 RQH HWHFWGXDCC WHHWRQZQXG 9 2 &, &V
1' 3	1 R HWWUL QVRCBRVLEOH
66	&DQEDMGEJDLQVNLQOMXEVDQFH
69	6XURJDMJFRYHJRXWLG\$HJRUDQF HFULWUD7KVPD EGHWRPDML[HJ HFW
:	5 HXOM[SUVHGRQMVHFHYHGEVLV
	\$4 & IDQHDFFUHLVMDRQDOVEHQHUPRYH U RPVKLVHV XVM DSSURSDWH 1RWHRSUPLRXSDJH
!!	5 HXOMERYHFID EDW/RQDQMKHUNKONKRXCEFRQVGHU\$WKRLQXPDOXH KHD FWXDOHMXQFRXCEVLJD LFDQ KLJKHUNVUXOMVQDFFUHLWG
	\$QDOVLXEFRQWDFWGVQZCHFHQD MWLL DQ7HFQQRJ\ DSSURYHODERUDWV
\$'	6 DP S\$MDJGLHEW&"/&
&2	6XVSHFMGEUVRHU
/ 2' /25	/ LP LR' HWHFWLRQLPWR \$SRUQJLQQHZN6DQG &56
0 (	0 DM[(I HFW
1)'	1 R)LEH' HWHFWHG
%6	\$4 & DPS CH
/ %	%DQNDPS CH
1	&HQNDPS CH
7%	7USQDNDPSOH
2 &	2 XMGH\$QEDWRQSDJH

HWOL ACRONYMS AND OPERATORS USED

+ 6	+ HDGVSDFHQDQMLV
(+	([WDFWEDH GUFFDUEQVLHFW VLQTH WDFWGEVWHROHQW
&8	&@DQSHETCRULV OXDFJH
'	* &@Q @FRQDWRPDRUD SK
7RND	\$@SKDWFV\$URFDWLFV
\$/	\$@SKDWFVRQ
\$5	\$URP DWFVRQ
'	* &*&' @EDHFRQDWRPDRUDS KI
	(+ B7RNDCKVZVW&RL FV H WDFWNG
	(8 B7RNDCKVZVW&DWMELGH WDFWNG
B	2 SHUDRUQ@HUFVHFWHSDWHDURQPMH FHS WVRQ RU
	2 SHUDRUQ@FDFVFXCD WYH@ (+@B7RNDORU(+B&@B7RND O
0 6	0 DW@SHFWPH WU

Element Materials Technology

Method Code Appendix

EMT Job No:

7 HMFH WRGLR	' HMFUSMRQ	3 UHSOH WRG 1 RU DSSURSUDMH	' HMFUSMRQ	.62 8 \$66 \$1\$6	0 & (5 76 8 VROV RQD	\$ QDOVLVGRQH RQB/SHF HLYH6 \$5 RUULHG \$	5 HSRUIMGRQ GU ZHLJKW EDMV
30	* UDYP HMEPH DVXUHPH QVRLOM UDOFRWVXUHERQWVDQSOB/VKUH &R QNQVQVIL VKHU f &R J / &80DFXODWRQBMGRQ 6Z DQ3%6	30	1 RSUHSUDWRQL VHTL UHG			\$5	
70	0 RQUHG36 (3\$' YPHMKRG RVKHMVD YHQVH[WMDWRQDQGMMPLQVLRQ] 3\$+VE *80 6	30	(QGRYHUHQH[WDMWRQRVROSDRSHM R URUQDFRQD VLVKHVRQMQV[YDLW GHSHQ3QJRDQDQ VLVHTL UHG			\$5	Yes
70	0 RQUHG36 (3\$' YPHMKRG RVKHMVD YHQVH[WMDWRQDQGMMPLQVLRQ] 3\$+VE *80 6	30	(QGRYHUHQH[WDMWRQRVROSDRSHM R URUQDFRQD VLVKHVRQMQV[YDLW GHSHQ3QJRDQDQ VLVHTL UHG	<HV		\$5	Yes
70	0 RQUHG36 (3\$' YPHMKRG RVKHMVD YHQVH[WMDWRQDQGMMPLQVLRQ] 3\$+VE *80 6	30	(QGRYHUHQH[WDMWRQRVROSDRSHM R URUQDFRQD VLVKHVRQMQV[YDLW GHSHQ3QJRDQDQ VLVHTL UHG	<HV	<HV	\$5	Yes
70	0 RQUHGYPHMKR3 RVKHHG VUPLQVLRQ VROHQV[WDFVDEGBHMRO3P + \ GURFDUERQ(3+ ZL WL QNHQD H8E3 * 8), ')RUZDWHV VKHVRHQV[WDFW GVVROHG3KDVHSDVH+HQLI SUPHQV	30	) UDFWRQDMRQQRQDQ SDVLRQDURDFW I UDFMRQVLQJDS D6 GUOF H63			\$5	
70	0 RQUHGYPHMKR3 RVKHHG VUPLQVLRQ VROHQV[WDFVDEGBHMRO3P + \ GURFDUERQ(3+ ZL WL QNHQD H8E3 * 8), ')RUZDWHV VKHVRHQV[WDFW GVVROHG3KDVHSDVH+HQLI SUPHQV	30 30	(QGRYHUHQH[WDMWRQRVROSDRSHM R URUQDFRQD VLVKHVRQMQV[YDLW GHSHQ3QJRDQDQ VLVHTL UHGUDWRQDMRQQRQDQ SDVLRQDURDFW I UDF VROVLRQD 5 DSI6GUOFH63	<HV		\$5	Yes
70	0 RQUHGYPHMKR3 RVKHHG VUPLQVLRQ VROHQV[WDFVDEGBHMRO3P + \ GURFDUERQ(3+ ZL WL QNHQD H8E3 * 8), ')RUZDWHV VKHVRHQV[WDFW GVVROHG3KDVHSDVH+HQLI SUPHQV	30 30	(QGRYHUHQH[WDMWRQRVROSDRSHM R URUQDFRQD VLVKHVRQMQV[YDLW GHSHQ3QJRDQDQ VLVHTL UHGUDWRQDMRQQRQDQ SDVLRQDURDFW I UDF VROVLRQD 5 DSI6GUOFH63	<HV	<HV	\$5	Yes
70 70	SBDVHUI HUMDQD70 RUPHMKR3HML OV	30 30 0	SBDVHUI HUMDQD Q3 0 I RUPHVRG GHML OV			\$5	Yes
70 70	SBDVHUI HUMDQD70 RUPHMKR3HML OV	30 30 0	SBDVHUI HUMDQD Q3 0 I RUPHVRG GHML OV	<HV		\$5	Yes
30	\$ YVDOHDPLO QVLRQ VHTL GDSDHVF DULHGRWDFHMDQDQPSDFHXS FRBXUQ3Q RVKHU QFOLRV/KL VUQRBHMFQ FQO3VULSVLRQ	30	1 RSUHSUDWRQL VHTL UHG			\$5	No

Element Materials Technology

Method Code Appendix

EMT Job No:

7 HMFH WRGLR	' HMFUSWRQ	3 UHSOH WRG 1 RU DSSURSUDMH	' HMFUSWRQ	.62 8 \$66 \$1\$6	0 & (5 76 8 VRO/ RQD	\$ QDOVLVRQH RQV/5HF HLYHG \$ \$ RUULHG \$	5 HSRUIMGRQ GU ZHLJKW EDMV
70	0 RGLIHG6 (3\$%4XDQMVDMYH' HMFUPLQWRQ' SRQDVO HLUQLF &FP SRXQGV&VE\ #HGS DFH* &06	30	0 RGLIHG6 (3\$PHWR\$Y3UHSUDWRQ' VRIGDQGLTXG/PSDMVR'& KHOGVSDH-HQDOVLV			\$5	Yes
70	0 RGLIHG6 (3\$%4XDQMVDMYH' HMFUPLQWRQ' SRQDVO HLUQLF &FP SRXQGV&VE\ #HGS DFH* &06	30	0 RGLIHG6 (3\$PHWR\$Y3UHSUDWRQ' VRIGDQGLTXG/PSDMVR'& KHOGVSDH-HQDOVLV	<HV		\$5	Yes
70	0 RGLIHG6 (3\$' Y4XDQMVDMYHGHMFUPLQWRQ' GHPI9RO DVLGRUDQF FRP SRXQGV&VE*06	30	(QGRYHJHGH' WDMWRQ' VRIGVDSHMF R URU DQFQDQ VLVKHVRMQR' YDLIV GHSHQGQ' RQDQD VLVHKLHG			\$5	Yes
70	0 RGLIHG6 (3\$' Y4XDQMVDMYHGHMFUPLQWRQ' GHPI9RO DVLGRUDQF FRP SRXQGV&VE*06	30	(QGRYHJHGH' WDMWRQ' VRIGVDSHMF R URU DQFQDQ VLVKHVRMQR' YDLIV GHSHQGQ' RQDQD VLVHKLHG	<HV	<HV	\$5	Yes
70	0 RGLIHG6, 62' HMFURQDWRQ' 7RMDQJLQQLF &DIER QU 7RMDQDURQ'EFREXV VLRQDQDMDZ &XQF HMDQ VHLQVKSHMHHR R\ JHQ 7KH&2 J HQLDVMHVTXQMI LHXQJLQ DUKHMFWRQ'UDQDQDMM 620 FDGXQMGVSHU(30(5' 6 &KHPIF DQ7 HVIQ RI GRQDURY	30	' UHGQDQ URQGVRLQDQPSHV DUXZVHIZ LVKK\ G\HKBULDFLQVQLQVHGVK GHRQVHGZVRUMHRYH VKH-RQHJ DQDUEH-H RUHIZ &DQDVL V			\$'	Yes
70	' HMFU IQDWRQ' 3HQROVE 9MHUVHG3DVH6 &LJK3HURUDQ'LT XLG &KURP DABJ UDSK\ DQ(GHVVRKPH LFD OHMF VRQ	30 %	\$ VSHFLYGVPSO HZUHF VMDPML QHMDQ QDVHUBH FISURDOKDNW			\$5	Yes
70	' HMFU IQDWRQ' 7DFH0HMD OE\ &2(6 QQFVLYH\ &RSHGQDVPD2SMWEO (P LVMRQSHFVRPH VU: \$5 6 E\ 0 RGL LH G630HMKRG5 H' 0 RGLIHG(3\$0HMKR96H" HF0 RE I LHEH 1, 62 62 ./ 6 E OFGLI LH66(3	30	\$ FGL6JHWWRRIGUHQGLURXQDRLQDPSXVL Q6TXD6HLDWH Q' HGV& 6 DP S6MVRQVLDQ QDUEHVRUDQRVGLH6QURKQ6			\$'	Yes
70	' HMFU IQDWRQ' 7DFH0HMD OE\ &2(6 QQFVLYH\ &RSHGQDVPD2SMWEO (P LVMRQSHFVRPH VU: \$5 6 E\ 0 RGL LH G630HMKRG5 H' 0 RGLIHG(3\$0HMKR96H" HF0 RE I LHEH 1, 62 62 ./ 6 E OFGLI LH66(3	30	\$ FGL6JHWWRRIGUHQGLURXQDRLQDPSXVL Q6TXD6HLDWH Q' HGV& 6 DP S6MVRQVLDQ QDUEHVRUDQRVGLH6QURKQ6	<HV	<HV	\$'	Yes
70	0 RGLIHG6 (3\$PHWR\$9' HMFUPLQWRQ' "DVRDQ' 5DQJLUDQF V "5 2 L QHFRERQ'FOLQUDHHR& KHOGV'SF H'&), " 07(E\ * &), " IR HDMVZ VPHVK QSHQDQH\ SUPHQQGVKHHR RUFDQ LYHDQDQVSRVWVRRLWYH 0 7%(UVXQZLOQSHUQXVQ\ "80VRKX EDHREHFKKHQHTXHWVG	30	0 RGLIHG6 (3\$PHWR\$Y3UHSUDWRQ' VRIGDQGLTXG/PSDMVR'& KHOGVSDH-HQDOVLV			\$5	Yes
70	0 RGLIHG6 (3\$PHWR\$9' HMFUPLQWRQ' "DVRDQ' 5DQJLUDQF V "5 2 L QHFRERQ'FOLQUDHHR& KHOGV'SF H'&), " 07(E\ * &), " IR HDMVZ VPHVK QSHQDQH\ SUPHQQGVKHHR RUFDQ LYHDQDQVSRVWVRRLWYH 0 7%(UVXQZLOQSHUQXVQ\ "80VRKX EDHREHFKKHQHTXHWVG	30	0 RGLIHG6 (3\$PHWR\$Y3UHSUDWRQ' VRIGDQGLTXG/PSDMVR'& KHOGVSDH-HQDOVLV	<HV		\$5	Yes

7 HMMH VWRGLR	' HMFUSWRQ	3 UHSCH VWRG 1 RU DSSUSUDIM	' HMFUSWRQ	,62 8 \$66 \$1\$6	0 & (5 76 8 VROV RQ0	\$ QDOVLGRQH RQB/SHFHLYH \$ \$RUUHG \$	5 HSRUMGR0 GU ZHLJKW EDMLV
70	0 RGLIHG6 (3\$PHWRG9" HWHUPLQWRQR' DYRQCHDQJZUDQF V *5 2 L QWFFUERQFCLQUDHR& KHDG/SF H*&) ' 07% E * &) ' FR HOMMVL VPHWK QGHQDQH SUHMQDQVKH# RUFDQ DYHIDOM\$RVLWVRRLWYH 0 7%(UVXOWLOQ#HJXQLQJ *%0VWRX EDHFF#ZKHQHXHMM6	30	0 RGLIHG6 (3\$PHWRG\$Y3UHSUDWRQR VRIQDQGLTXG/DP\$MVRP& KHDG/SDFHQDOMLV	<HV	<HV	\$5	Yes
70	6 R0E0RQDQD0 VVXVQJ'LVUJHWHQD0VHURGLIH686(3PHMRG/&K0R UGH 6XOSKDN6 HFF3KRV\$KDW\$H7 21 SHY1LVVLVH++H&J\$SHY RPS DUEO	30	([WDFMRQR QLH6Q3 URQQRUDVHHLYH&DP\$H-VZLVK GH LRQ V6ZDWULQ Z DMUWR/RL QDMRW/ Q DWHFISUFDOYONHURDOODQD WWHF\$WHH DYDCHV FKURP XP ([WUWVLRQ DUWHFHHG/DP\$CHVL QUDVLRRI OVRG\$KIGR LGMR VRQRKH DYDCHQVFKRPLXP XL Q DWHFISUFDOYONHU	<HV	<HV	\$'	Yes
70	6 R0E0RQDQD0 VVXVQJ'LVUJHWHQD0VHURGLIH686(3PHMRG/&K0R UGH 6XOSKDN6 HFF3KRV\$KDW\$H7 21 SHY1LVVLVH++H&J\$SHY RPS DUEO	30	([WDFMRQR QLH6Q3 URQQRUDVHHLYH&DP\$H-VZLVK GH LRQ V6ZDWULQ Z DMUWR/RL QDMRW/ Q DWHFISUFDOYONHURDOODQD WWHF\$WHH DYDCHV FKURP XP ([WUWVLRQ DUWHFHHG/DP\$CHVL QUDVLRRI OVRG\$KIGR LGMR VRQRKH DYDCHQVFKRPLXP XL Q DWHFISUFDOYONHU			\$5	Yes
70	6 R0E0RQDQD0 VVXVQJ'LVUJHWHQD0VHURGLIH686(3PHMRG/&K0R UGH 6XOSKDN6 HFF3KRV\$KDW\$H7 21 SHY1LVVLVH++H&J\$SHY RPS DUEO	30	([WDFMRQR QLH6Q3 URQQRUDVHHLYH&DP\$H-VZLVK GH LRQ V6ZDWULQ Z DMUWR/RL QDMRW/ Q DWHFISUFDOYONHURDOODQD WWHF\$WHH DYDCHV FKURP XP ([WUWVLRQ DUWHFHHG/DP\$CHVL QUDVLRRI OVRG\$KIGR LGMR VRQRKH DYDCHQVFKRPLXP XL Q DWHFISUFDOYONHU	<HV		\$5	Yes
70	\$ F0GROECHVXOSKWHFMD6XOSDWBQD0 V6E\ ,632 (6	30	\$ HVMKGURFKRW HBLGJ HMMVSHRPHQD6 ULH6DQJURQ3DP\$DQDQKH UHXXQJ QKRULVQD V46	<HV	<HV	\$'	Yes
70	\$ VEHMMV%ONQDVLILBVLQRPHM RDEDVHQ6" LJVWHGVLRQ	30	0 RGLIHG6\$ %0XPHRN9GLD VQGOVMEVLRQ6RQG V D\$SCH XQGHJRDWRURQ KYL VQD Q\$FVLRQRUDVHMM LEUWVRUVRQVHMM QHQLI LFDMRQ XVQJ 70	<HV		\$5	
70	0 RGLIHG6 (3\$PHWRG\$DQ35HYDQ6 ' HWHUPLQWRQR IS+EDHMMRD XVRD VMSUR EHQDQ\ VHU	30	([WDFMRQR DUWHFHHG/RQ6/BE0X VIRQHSDUWRQ6VSDUWBLRQV6ZDWULQ	<HV	<HV	\$5	No
70	0 RGLIHG6 (3\$PHWKRE\$, \$ HWHUPLQWRQRADQLGHE\ QZ QWMMRQ \$ QDOVHURH H \$ F DQLGVDHURHURHUR LJDQ6VSDFFPHQWMSLVF DUWHXW EHIRHQDOMLV	30	\$ VWHFHHG/RQ QD\$SCH VDH# WDFV6ZLWJD2ERU E VD OVKNHJ R&LQ GH 6 XSKIGHQ67KLFF DQDVHQDQ VLV	<HV	<HV	\$5	Yes
1 2 1 (	1 RH VWRG&RSH	1 2 1 (	1 RH VWRG&RSH			\$'	Yes
70 B\$	0 RGLIHG6 (3\$%4XDQWVDMYH HWHUPLQWRQR 9RQVQJZUDQLF &R\$FXQGVQDQDQGR UGH6VUHQH6+HDS/SF H* &6	30	0 RGLIHG6 (3\$PHWRG\$Y3UHSUDWRQR VRIQDQGLTXG/DP\$MVRP& KHDG/SDFHQDOMLV			\$5	Yes

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



Attention : Daryl Bowell
Date : 1st March, 2021
Your reference : UK20.5052C - 5001
Our reference : Test Report 21/1423 Batch 1
Location : Pfizer Havant
Date samples received : 3rd February, 2021
Status : Final report
Issue : 3

Thirty three samples were received for analysis on 3rd February, 2021 of which twenty 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:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

Report : Solid

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

EMT Sample No.	2-3	4	6-7	8-9	15	16-17	18-19	20	21-22	27-28	Please see attached notes for all abbreviations and acronyms		
Sample ID	BH10 ES2	BH16 ES2	BH03 ES1	BH03 ES2	TP22 ES2	TP16 ES1	TP30 ES1	TP15 ES1	TP15 ES2	BH04 ES1			
Depth	0.70-0.90	6.50	0.00-0.80	3.00-4.00	1.20	1.60	1.80	0.30-0.70	1.00	0.50			
COC No / misc													
Containers	V J	J	V J	V J	J	V J	V J	J	V J	V J			
Sample Date	25/01/2021	25/01/2021	26/01/2021	26/01/2021	26/01/2021	26/01/2021	26/01/2021	27/01/2021	27/01/2021	27/01/2021			
Sample Type	Clay	Clayey Sand	Clayey Sand	Clay	Clay	Clay	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	LOD/LOR	Units	Method No.
Arsenic ^{#M}	10.9	6.5	7.4	7.3	2.3	8.4	8.5	3.0	4.3	4.6	<0.5	mg/kg	TM30/PM15
Cadmium ^{#M}	<0.1	<0.1	0.2	0.2	0.2	0.6	0.7	0.3	0.4	0.6	<0.1	mg/kg	TM30/PM15
Chromium ^{#M}	40.3	45.9	61.5	80.4	75.5	71.9	63.3	137.9	114.8	78.1	<0.5	mg/kg	TM30/PM15
Copper ^{#M}	9	7	11	8	3	10	10	9	7	6	<1	mg/kg	TM30/PM15
Lead ^{#M}	9	10	46	9	<5	13	10	29	18	6	<5	mg/kg	TM30/PM15
Mercury ^{#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	TM30/PM15
Nickel ^{#M}	13.4	11.4	9.8	14.6	5.3	30.5	21.6	12.7	13.8	11.6	<0.7	mg/kg	TM30/PM15
Selenium ^{#M}	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	mg/kg	TM30/PM15
Total Sulphate as SO4 ^{#M}	631	399	6181	111	149	140	235	121	81	158	<50	mg/kg	TM50/PM29
Zinc ^{#M}	38	34	60	34	12	51	41	31	24	23	<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene ^{#M}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Acenaphthylene	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Acenaphthene ^{#M}	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Fluorene ^{#M}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Phenanthrene ^{#M}	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	0.07	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Anthracene [#]	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Fluoranthene ^{#M}	<0.03	<0.03	0.09	<0.03	<0.03	<0.03	<0.03	0.03	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Pyrene [#]	<0.03	<0.03	0.08	<0.03	<0.03	<0.03	<0.03	0.04	<0.03	<0.03	<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene [#]	<0.06	<0.06	0.09	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	<0.06	mg/kg	TM4/PM8
Chrysene ^{#M}	<0.02	<0.02	0.05	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	mg/kg	TM4/PM8
Benzo(b)fluoranthene ^{#M}	<0.07	<0.07	0.10	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene [#]	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene ^{#M}	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene [#]	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene [#]	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	mg/kg	TM4/PM8
Coronene	-	-	-	-	-	-	-	-	-	-	<0.04	mg/kg	TM4/PM8
PAH 16 Total	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	mg/kg	TM4/PM8
PAH 17 Total	-	-	-	-	-	-	-	-	-	-	<0.64	mg/kg	TM4/PM8
Benzo(b)fluoranthene	<0.05	<0.05	0.07	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	<0.02	<0.02	0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	92	88	96	63 ^{SV}	70	46 ^{SV}	68	77	64	89	<0	%	TM4/PM8
VOC TICs	ND	ND	ND	ND	ND	ND	ND	See Attached	ND	ND		None	TM15/PM10
Methyl Tertiary Butyl Ether ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Benzene ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
Toluene ^{#M}	<3	<3	<3	<3	<3	<3	<3	8	<3	<3	<3	ug/kg	TM15/PM10
Ethylbenzene ^{#M}	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene ^{#M}	<4	<4	<4	<4	<4	<4	<4	9	<4	<4	<4	ug/kg	TM15/PM10
o-Xylene ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	121	99	115	106	102	103	102	89	98	119	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	114	102	116	105	107	101	101	93	96	120	<0	%	TM15/PM10

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

Report : Solid

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

EMT Sample No.	2-3	4	6-7	8-9	15	16-17	18-19	20	21-22	27-28	Please see attached notes for all abbreviations and acronyms		
Sample ID	BH10 ES2	BH16 ES2	BH03 ES1	BH03 ES2	TP22 ES2	TP16 ES1	TP30 ES1	TP15 ES1	TP15 ES2	BH04 ES1			
Depth	0.70-0.90	6.50	0.00-0.80	3.00-4.00	1.20	1.60	1.80	0.30-0.70	1.00	0.50			
COC No / misc													
Containers	V J	J	V J	V J	J	V J	V J	J	V J	V J			
Sample Date	25/01/2021	25/01/2021	26/01/2021	26/01/2021	26/01/2021	26/01/2021	26/01/2021	27/01/2021	27/01/2021	27/01/2021			
Sample Type	Clay	Clayey Sand	Clayey Sand	Clay	Clay	Clay	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1			
Date of Receipt	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	LOD/LOR	Units	Method No.
SVOC TICs	ND	See Attached	See Attached	ND	See Attached	ND	ND	See Attached	ND	ND		None	TM16/PM8
Mineral Oil (C10-C40) (EH_CU_1D_AL)	-	-	-	-	-	-	-	-	-	-	<30	mg/kg	TMS/PM8/PM16
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	0.2	<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	32.2	<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	204	<4	<4	<4	mg/kg	TMS/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	<7	<7	<7	<7	<7	<7	<7	296	<7	<7	<7	mg/kg	TMS/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	<7	<7	<7	<7	<7	<7	<7	666	<7	<7	<7	mg/kg	TMS/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	<19	<19	<19	<19	<19	<19	<19	1198	<19	<19	<19	mg/kg	TMS/PM8/PM16
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	50	<4	<4	<4	mg/kg	TMS/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	<7	<7	<7	<7	<7	<7	<7	129	<7	<7	<7	mg/kg	TMS/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	<7	<7	<7	<7	<7	<7	<7	297	<7	<7	<7	mg/kg	TMS/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	<19	<19	<19	<19	<19	<19	<19	476	<19	<19	<19	mg/kg	TMS/PM8/PM16
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	<38	<38	<38	<38	<38	<38	<38	1674	<38	<38	<38	mg/kg	TMS/PM8/PM16
PCB 28 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
PCB 52 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
PCB 101 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
PCB 118 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
PCB 138 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
PCB 153 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
PCB 180 [#]	-	-	<5	-	-	-	<5	<5	-	<5	<5	ug/kg	TM17/PM8
Total 7 PCBs [#]	-	-	<35	-	-	-	<35	<35	-	<35	<35	ug/kg	TM17/PM8
Natural Moisture Content	23.2	29.2	30.0	16.7	13.1	15.0	18.9	11.3	16.4	14.6	<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
Sulphate as SO4 (2:1 Ext) ^{#M}	0.0465	0.0385	0.4127	0.0354	0.0063	0.0073	0.0322	0.0154	0.0101	0.0108	<0.0015	g/l	TM38/PM20
Total Organic Carbon [#]	-	-	-	-	-	-	-	-	-	-	<0.02	%	TM21/PM24
Organic Matter	0.4	<0.2	0.3	<0.2	<0.2	0.3	0.3	0.4	0.2	<0.2	<0.2	%	TM21/PM24
Sample Type	Clay	Clayey Sand	Clayey Sand	Clay	Clay	Clay	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

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

Report : Solid

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

[illegible]

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

Report : Solid

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

EMT Sample No.	29-30	37-38	39-40	41	44-45	46-47	49-50	52-53	54-55		Please see attached notes for all abbreviations and acronyms		
Sample ID	TP13 ES1	TP12 ES3	BH13 ES1	BH13 ES2	TP11 ES2	TP29 ES1	BH11 ES1	BH02 ES2	BH12 ES1				
Depth	0.20-0.25	2.10	1.00	6.00-6.50	1.50	0.50	0.00-0.50	3.50-4.00	0.00-0.50				
COC No / misc													
Containers	V J	V J	J	J	V J	V J	J	V J	V J				
Sample Date	27/01/2021	27/01/2021	28/01/2021	28/01/2021	28/01/2021	28/01/2021	28/01/2021	29/01/2021	29/01/2021				
Sample Type	Clayey Sand	Clayey Sand	Clay	Clay	Clay	Soil	Clayey Sand	Clayey Sand	Clay				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021		LOD/LOR	Units	Method No.
Arsenic ^{#M}	6.4	3.2	4.2	10.1	7.6	-	5.1	2.7	6.2		<0.5	mg/kg	TM30/PM15
Cadmium ^{#M}	0.3	0.4	0.4	<0.1	0.3	-	0.2	0.3	0.4		<0.1	mg/kg	TM30/PM15
Chromium ^{#M}	55.6	104.8	24.4	42.1	75.1	-	48.3	93.6	60.1		<0.5	mg/kg	TM30/PM15
Copper ^{#M}	11	5	4	9	11	-	7	5	34		<1	mg/kg	TM30/PM15
Lead ^{#M}	17	6	10	11	19	-	15	<5	58		<5	mg/kg	TM30/PM15
Mercury ^{#M}	<0.1	<0.1	<0.1	<0.1	<0.1	-	<0.1	<0.1	<0.1		<0.1	mg/kg	TM30/PM15
Nickel ^{#M}	10.8	9.2	5.3	13.3	18.9	-	7.6	8.6	12.4		<0.7	mg/kg	TM30/PM15
Selenium ^{#M}	<1	<1	<1	<1	<1	-	<1	<1	<1		<1	mg/kg	TM30/PM15
Total Sulphate as SO4 ^{#M}	1925	122	516	763	535	-	2377	128	248		<50	mg/kg	TM50/PM29
Zinc ^{#M}	47	15	44	40	47	-	29	12	94		<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene ^{#M}	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04		<0.04	mg/kg	TM4/PM8
Acenaphthylene	0.06	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03		<0.03	mg/kg	TM4/PM8
Acenaphthene ^{#M}	<0.05	<0.05	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05		<0.05	mg/kg	TM4/PM8
Fluorene ^{#M}	<0.04	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04		<0.04	mg/kg	TM4/PM8
Phenanthrene ^{#M}	0.14	<0.03	<0.03	<0.03	<0.03	-	0.10	<0.03	0.06		<0.03	mg/kg	TM4/PM8
Anthracene [#]	0.08	<0.04	<0.04	<0.04	<0.04	-	0.05	<0.04	<0.04		<0.04	mg/kg	TM4/PM8
Fluoranthene ^{#M}	0.57	<0.03	<0.03	<0.03	0.16	-	0.32	<0.03	0.29		<0.03	mg/kg	TM4/PM8
Pyrene [#]	0.79	<0.03	<0.03	<0.03	0.18	-	0.34	<0.03	0.25		<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene [#]	0.35	<0.06	<0.06	<0.06	0.10	-	0.19	<0.06	0.18		<0.06	mg/kg	TM4/PM8
Chrysene ^{#M}	0.37	<0.02	<0.02	<0.02	0.11	-	0.18	<0.02	0.19		<0.02	mg/kg	TM4/PM8
Benzo(b)fluoranthene ^{#M}	0.64	<0.07	<0.07	<0.07	0.10	-	0.29	<0.07	0.34		<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene [#]	0.33	<0.04	<0.04	<0.04	<0.04	-	0.15	<0.04	0.20		<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene ^{#M}	0.21	<0.04	<0.04	<0.04	<0.04	-	0.09	<0.04	0.13		<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene [#]	0.05	<0.04	<0.04	<0.04	<0.04	-	<0.04	<0.04	<0.04		<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene [#]	0.21	<0.04	<0.04	<0.04	<0.04	-	0.09	<0.04	0.13		<0.04	mg/kg	TM4/PM8
Coronene	-	-	-	-	-	-	-	<0.04	-		<0.04	mg/kg	TM4/PM8
PAH 16 Total	3.8	<0.6	<0.6	<0.6	0.7	-	1.8	<0.6	1.8		<0.6	mg/kg	TM4/PM8
PAH 17 Total	-	-	-	-	-	-	-	<0.64	-		<0.64	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.46	<0.05	<0.05	<0.05	0.07	-	0.21	<0.05	0.24		<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.18	<0.02	<0.02	<0.02	0.03	-	0.08	<0.02	0.10		<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	90	77	95	84	91	-	93	93	83		<0	%	TM4/PM8
VOC TICs	ND	ND	ND	ND	ND	ND	ND	ND	ND			None	TM15/PM10
Methyl Tertiary Butyl Ether ^{#M}	<6	<6	<6	<6	<6	-	<6	<6	<6		<6	ug/kg	TM15/PM10
Benzene ^{#M}	<5	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM15/PM10
Toluene ^{#M}	<3	<3	26	<3	<3	-	<3	<3	<3		<3	ug/kg	TM15/PM10
Ethylbenzene ^{#M}	<3	<3	6	<3	<3	-	<3	<3	<3		<3	ug/kg	TM15/PM10
m/p-Xylene ^{#M}	<4	<4	31	<4	<4	-	<4	<4	<4		<4	ug/kg	TM15/PM10
o-Xylene ^{#M}	<4	<4	6	<4	<4	-	<4	<4	<4		<4	ug/kg	TM15/PM10
Surrogate Recovery Toluene D8	99	105	106	93	104	-	94	114	99		<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	91	105	105	98	102	-	97	116	89		<0	%	TM15/PM10

Element Materials Technology

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Report : Solid

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

EMT Sample No.	29-30	37-38	39-40	41	44-45	46-47	49-50	52-53	54-55		Please see attached notes for all abbreviations and acronyms		
Sample ID	TP13 ES1	TP12 ES3	BH13 ES1	BH13 ES2	TP11 ES2	TP29 ES1	BH11 ES1	BH02 ES2	BH12 ES1				
Depth	0.20-0.25	2.10	1.00	6.00-6.50	1.50	0.50	0.00-0.50	3.50-4.00	0.00-0.50				
COC No / misc													
Containers	V J	V J	J	J	V J	V J	J	V J	V J				
Sample Date	27/01/2021	27/01/2021	28/01/2021	28/01/2021	28/01/2021	28/01/2021	28/01/2021	29/01/2021	29/01/2021				
Sample Type	Clayey Sand	Clayey Sand	Clay	Clay	Clay	Soil	Clayey Sand	Clayey Sand	Clay				
Batch Number	1	1	1	1	1	1	1	1	1				
Date of Receipt	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021		LOD/LOR	Units	Method No.
SVOC TICs	See Attached	ND	See Attached	See Attached	See Attached	-	ND	ND	See Attached			None	TM16/PM8
Mineral Oil (C10-C40) (EH_CU_1D_AL)	-	-	-	-	-	-	-	<30	-		<30	mg/kg	TMS/PM8/PM16
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	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	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	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	mg/kg	TMS/PM8/PM16
>C12-C16 (EH_CU_1D_AL) ^{#M}	<4	<4	<4	<4	<4	-	<4	<4	<4		<4	mg/kg	TMS/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	19	<7	<7	<7	<7	-	8	<7	<7		<7	mg/kg	TMS/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	150	<7	<7	<7	<7	-	137	<7	<7		<7	mg/kg	TMS/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	169	<19	<19	<19	<19	-	145	<19	<19		<19	mg/kg	TMS/PM8/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) [#]	<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	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	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	mg/kg	TMS/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) [#]	<4	<4	<4	<4	<4	-	<4	<4	<4		<4	mg/kg	TMS/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	10	<7	<7	<7	47	-	<7	<7	<7		<7	mg/kg	TMS/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	87	<7	<7	<7	135	-	131	<7	21		<7	mg/kg	TMS/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	97	<19	<19	<19	182	-	131	<19	21		<19	mg/kg	TMS/PM8/PM16
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	266	<38	<38	<38	182	-	276	<38	<38		<38	mg/kg	TMS/PM8/PM16
PCB 28 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
PCB 52 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
PCB 101 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
PCB 118 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
PCB 138 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
PCB 153 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
PCB 180 [#]	-	<5	<5	<5	<5	-	<5	<5	<5		<5	ug/kg	TM17/PM8
Total 7 PCBs [#]	-	<35	<35	<35	<35	-	<35	<35	<35		<35	ug/kg	TM17/PM8
Natural Moisture Content	12.5	10.8	7.5	24.4	20.6	21.1	12.9	12.4	25.0		<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	mg/kg	TM38/PM20
Sulphate as SO4 (2:1 Ext) ^{#M}	0.2659	0.0080	0.0579	0.0520	0.1599	-	0.1711	0.0389	0.0066		<0.0015	g/l	TM38/PM20
Total Organic Carbon [#]	-	-	-	-	-	-	-	0.02	-		<0.02	%	TM21/PM24
Organic Matter	0.5	<0.2	0.3	0.3	0.7	-	0.6	<0.2	2.0		<0.2	%	TM21/PM24
Sample Type	Clayey Sand	Clayey Sand	Clay	Clay	Clay	-	Clayey Sand	Clayey Sand	Clay			None	PM13/PM0
Sample Colour	Medium Brown	Medium Brown	Medium Brown	Medium Brown	Medium Brown	-	Medium Brown	Medium Brown	Medium Brown			None	PM13/PM0

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

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

Please see attached notes for all abbreviations and acronyms

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Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

VOC Report : Solid

EMT Sample No.	2-3	4	6-7	8-9	15	16-17	18-19	20	21-22	27-28	Please see attached notes for all abbreviations and acronyms		
Sample ID	BH10 ES2	BH16 ES2	BH03 ES1	BH03 ES2	TP22 ES2	TP16 ES1	TP30 ES1	TP15 ES1	TP15 ES2	BH04 ES1			
Depth	0.70-0.90	6.50	0.00-0.80	3.00-4.00	1.20	1.60	1.80	0.30-0.70	1.00	0.50			
COC No / misc													
Containers	V J	J	V J	V J	J	V J	V J	J	V J	V J			
Sample Date	25/01/2021	25/01/2021	26/01/2021	26/01/2021	26/01/2021	26/01/2021	26/01/2021	27/01/2021	27/01/2021	27/01/2021			
Sample Type	Clay	Clayey Sand	Clayey Sand	Clay	Clay	Clay	Clay	Clay	Clay	Clay			
Batch Number	1	1	1	1	1	1	1	1	1	1	LOD/LOR	Units	Method No.
Date of Receipt	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021			
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	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 ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Trichlorofluoromethane ^{#M}	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
Dichloromethane (DCM) [#]	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	<30	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 ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	<6	ug/kg	TM15/PM10
cis-1,2-Dichloroethene ^{#M}	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	<7	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Bromochloromethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Chloroform ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,1,1-Trichloroethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,1-Dichloropropene [#]	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Carbon tetrachloride ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,2-Dichloroethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
Benzene ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
Trichloroethene (TCE) ^{#M}	6	34	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,2-Dichloropropane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Dibromomethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Bromodichloromethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
cis-1,3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Toluene ^{#M}	<3	<3	<3	<3	<3	<3	<3	7	<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 ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Tetrachloroethene (PCE) [#]	<3	<3	<3	<3	6	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
1,3-Dichloropropane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Dibromochloromethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
1,2-Dibromoethane [#]	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
Chlorobenzene ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	ug/kg	TM15/PM10
Ethylbenzene ^{#M}	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15/PM10
m/p-Xylene ^{#M}	<4	<4	<4	<4	<4	<4	<4	8	<4	<4	<4	ug/kg	TM15/PM10
o-Xylene ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	<3	ug/kg	TM15_A/PM10
Bromoform	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	<4	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 ^{#M}	<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 ^{#M}	<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	4	<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	8	<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 ^{#M}	<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 ^{#M}	<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	121	99	115	106	102	103	102	89	98	119	<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	114	102	116	105	107	101	101	93	96	120	<0	%	TM15/PM10

Element Materials Technology

Client Name: EPS Ltd
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Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/1423

VOC Report : Solid

EMT Sample No.	29-30	37-38	39-40	41	44-45	46-47	49-50	52-53	54-55		Please see attached notes for all abbreviations and acronyms		
Sample ID	TP13 ES1	TP12 ES3	BH13 ES1	BH13 ES2	TP11 ES2	TP29 ES1	BH11 ES1	BH02 ES2	BH12 ES1				
Depth	0.20-0.25	2.10	1.00	6.00-6.50	1.50	0.50	0.00-0.50	3.50-4.00	0.00-0.50				
COC No / misc													
Containers	V J	V J	J	J	V J	V J	J	V J	V J				
Sample Date	27/01/2021	27/01/2021	28/01/2021	28/01/2021	28/01/2021	28/01/2021	28/01/2021	29/01/2021	29/01/2021				
Sample Type	Clayey Sand	Clayey Sand	Clay	Clay	Clay	Soil	Clayey Sand	Clayey Sand	Clay				
Batch Number	1	1	1	1	1	1	1	1	1		LOD/LOR	Units	Method No.
Date of Receipt	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021	03/02/2021				
VOC MS													
Dichlorodifluoromethane	<2	<2	<2	<2	<2	<2	<2	<2	<2		<2	ug/kg	TM15/PM10
Methyl Tertiary Butyl Ether ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	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 ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
Trichlorofluoromethane ^{#M}	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1-Dichloroethene (1,1 DCE) ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
Dichloromethane (DCM) [#]	<30	<30	<30	<30	<30	<30	<30	<30	<30		<30	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 ^{#M}	<6	<6	<6	<6	<6	<6	<6	<6	<6		<6	ug/kg	TM15/PM10
cis-1,2-Dichloroethene ^{#M}	<7	<7	<7	<7	<7	<7	<7	<7	<7		<7	ug/kg	TM15/PM10
2,2-Dichloropropane	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Bromochloromethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Chloroform ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
1,1,1-Trichloroethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
1,1-Dichloropropene [#]	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Carbon tetrachloride ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,2-Dichloroethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
Benzene ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
Trichloroethene (TCE) ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
1,2-Dichloropropane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Dibromomethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Bromodichloromethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
cis-1,3-Dichloropropene	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Toluene ^{#M}	<3	<3	25	<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	ug/kg	TM15/PM10
1,1,2-Trichloroethane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Tetrachloroethene (PCE) [#]	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,3-Dichloropropane ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Dibromochloromethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
1,2-Dibromoethane [#]	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
Chlorobenzene ^{#M}	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
1,1,1,2-Tetrachloroethane ^{#M}	<5	<5	<5	<5	<5	<5	<5	<5	<5		<5	ug/kg	TM15/PM10
Ethylbenzene ^{#M}	<3	<3	6	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
m/p-Xylene ^{#M}	<4	<4	30	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
o-Xylene ^{#M}	<4	<4	6	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Styrene	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15_A/PM10
Bromoform	<4	<4	<4	<4	<4	<4	<4	<4	<4		<4	ug/kg	TM15/PM10
Isopropylbenzene [#]	<3	<3	<3	<3	<3	<3	<3	<3	<3		<3	ug/kg	TM15/PM10
1,1,2,2-Tetrachloroethane ^{#M}	<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 ^{#M}	<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	<3	5	<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	<6	10	<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 ^{#M}	<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 ^{#M}	<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	99	105	106	93	-	109	94	114	99		<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	91	105	105	98	-	120	97	116	89		<0	%	TM15/PM10

[illegible]

Element Materials Technology

Job number:	21/1423
Sample number:	20
Sample identity:	TP15 ES1
Sample depth:	0.30-0.70
Sample Type:	Clay
Units:	ug/kg

Method: VOC
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:	21/1423
Sample number:	4
Sample identity:	BH16 ES2
Sample depth:	6.50
Sample Type:	Clayey Sand
Units:	ug/kg

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]

Job number:	21/1423	Method:	SVOC
Sample number:	7	Matrix:	Solid
Sample identity:	BH03 ES1		
Sample depth:	0.00-0.80		
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:	21/1423
Sample number:	15
Sample identity:	TP22 ES2
Sample depth:	1.20
Sample Type:	Clay
Units:	ug/kg

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: 21/1423 **Method:** SVOC
Sample number: 20 **Matrix:** Solid
Sample identity: TP15 ES1
Sample depth: 0.30-0.70
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
17312-53-7	Decane, 3,6-dimethyl-	7.004	83	973
112-95-8	Eicosane	7.465	91	592
638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	7.543	81	701
10374-74-0	7-Tetradecene	7.621	84	445
629-94-7	Heneicosane	7.706	86	1303
29812-79-1	Hydroxylamine, O-decyl-	8.160	81	604
629-59-4	Tetradecane	8.335	95	2348
930-02-9	Octadecane, 1-(ethenyloxy)-	8.628	90	1072
629-62-9	Pentadecane	8.904	95	3457
6117-98-2	2,3-Dimethyldodecane	9.221	86	345
629-78-7	Heptadecane	9.443	93	2873
593-45-3	Octadecane	9.947	97	2882
55045-08-4	Dodecane, 2-methyl-6-propyl-	10.416	93	2992
31295-56-4	Dodecane, 2,6,11-trimethyl-	10.483	93	2415
629-73-2	Cetene	10.712	89	313
6418-44-6	Heptadecane, 3-methyl-	10.746	89	337
629-92-5	Nonadecane	10.864	94	2363
89816-53-5	1,7-Dimethyldibenzothiophene	11.185	90	711
544-76-3	Hexadecane	11.708	97	1021
18835-32-0	1-Tricosene	12.102	96	886
74685-33-9	3-Eicosene, (E)-	12.578	93	520
18435-45-5	1-Nonadecene	12.682	94	604
1000351-74-9	Octacosyl trifluoroacetate	13.003	89	549
646-31-1	Tetracosane	13.037	96	656
3386-33-2	Octadecane, 1-chloro-	13.520	92	633
18835-33-1	1-Hexacosene	14.589	95	1229

Job number:	21/1423	Method:	SVOC
Sample number:	30	Matrix:	Solid
Sample identity:	TP13 ES1		
Sample depth:	0.20-0.25		
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.

QF-PM 3.1.5 v12

Element Materials Technology

Job number:	21/1423
Sample number:	40
Sample identity:	BH13 ES1
Sample depth:	1.00
Sample Type:	Clay
Units:	ug/kg

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:	21/1423
Sample number:	41
Sample identity:	BH13 ES2
Sample depth:	6.00-6.50
Sample Type:	Clay
Units:	ug/kg

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]

Job number:	21/1423	Method:	SVOC
Sample number:	45	Matrix:	Solid
Sample identity:	TP11 ES2		
Sample depth:	1.50		
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.

QF-PM 3.1.5 v12

Element Materials Technology

Job number:	21/1423
Sample number:	55
Sample identity:	BH12 ES1
Sample depth:	0.00-0.50
Sample Type:	Clay
Units:	ug/kg

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]

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	27.6
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	78.4
Particle Size <4mm =	>95%		
EMT Job No	21/1423	Landfill Waste Acceptance Criteria Limits	
Sample No	53		
Client Sample No	BH02 ES2		
Depth/Other	3.50-4.00		
Sample Date	29/01/2021		
Batch No	1		
Solid Waste Analysis		Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill
Total Organic Carbon (%)	0.02	3	5
Loss on Ignition (%)	-	-	10
Sum of BTEX (mg/kg)	<0.017	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)	-	-	>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	NDP	NDP	0.5
Barium	NDP	NDP	20
Cadmium	NDP	NDP	0.04
Chromium	NDP	NDP	0.5
Copper	NDP	NDP	2
Mercury	NDP	NDP	0.01
Molybdenum	NDP	NDP	0.5
Nickel	NDP	NDP	0.4
Lead	NDP	NDP	0.5
Antimony	NDP	NDP	0.06
Selenium	NDP	NDP	0.1
Zinc	NDP	NDP	4
Chloride	NDP	NDP	800
Fluoride	NDP	NDP	10
Sulphate as SO ₄	NDP	NDP	1000
Total Dissolved Solids	NDP	NDP	4000
Phenol	NDP	NDP	1
Dissolved Organic Carbon	NDP	NDP	500

Matrix : Solid

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Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell

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
21/1423	1	BH10 ES2	0.70-0.90	3	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH16 ES2	6.50	4	09/02/2021	General Description (Bulk Analysis)	Soil/Stones
					09/02/2021	Asbestos Fibres	NAD
					09/02/2021	Asbestos ACM	NAD
					09/02/2021	Asbestos Type	NAD
					09/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP19 ES1	0.50	5	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH03 ES1	0.00-0.80	7	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH03 ES2	3.00-4.00	9	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP02 ES1	0.50	10	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP22 ES1	0.50	12	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/1423	1	TP22 ES1	0.50	12	08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP22 ES2	1.20	15	09/02/2021	General Description (Bulk Analysis)	Soil/Stones
					09/02/2021	Asbestos Fibres	NAD
					09/02/2021	Asbestos ACM	NAD
					09/02/2021	Asbestos Type	NAD
					09/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP16 ES1	1.60	17	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP30 ES1	1.80	19	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP15 ES1	0.30-0.70	20	09/02/2021	General Description (Bulk Analysis)	Soil/Stones
					09/02/2021	Asbestos Fibres	NAD
					09/02/2021	Asbestos ACM	NAD
					09/02/2021	Asbestos Type	NAD
					09/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP15 ES2	1.00	22	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP01 ES1	0.50	24	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH04 ES1	0.50	28	08/02/2021	General Description (Bulk Analysis)	soil.stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP13 ES1	0.20-0.25	30	08/02/2021	General Description (Bulk Analysis)	soil.stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP12 ES1	0.20-0.40	34	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD

Client Name: EPS Ltd
Reference: UK20.5052C - 5001
Location: Pfizer Havant
Contact: Daryl Bowell

EMT Job No.	Batch	Sample ID	Depth	EMT Sample No.	Date Of Analysis	Analysis	Result
21/1423	1	TP12 ES1	0.20-0.40	34	08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP12 ES3	2.10	38	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH13 ES1	1.00	40	08/02/2021	General Description (Bulk Analysis)	soil.stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH13 ES2	6.00-6.50	41	09/02/2021	General Description (Bulk Analysis)	Soil/Stones
					09/02/2021	Asbestos Fibres	NAD
					09/02/2021	Asbestos ACM	NAD
					09/02/2021	Asbestos Type	NAD
					09/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP11 ES1	0.50	43	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	TP11 ES2	1.50	45	08/02/2021	General Description (Bulk Analysis)	Soil/Stone
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH11 ES1	0.00-0.50	50	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH02 ES2	3.50-4.00	53	08/02/2021	General Description (Bulk Analysis)	soil.stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD
21/1423	1	BH12 ES1	0.00-0.50	55	08/02/2021	General Description (Bulk Analysis)	Soil/Stones
					08/02/2021	Asbestos Fibres	NAD
					08/02/2021	Asbestos ACM	NAD
					08/02/2021	Asbestos Type	NAD
					08/02/2021	Asbestos Level Screen	NAD

Matrix : CEN 10:1 1 Batch

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Matrix : Solid

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.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 21/1423

SOILS

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

Please include all sections of this report if it is reproduced

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above calibration range, the result should be considered the minimum value. The actual result could be significantly higher, this result is not accredited.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

HWOL ACRONYMS AND OPERATORS USED

HS	Headspace Analysis.
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent.
CU	Clean-up - e.g. by florisil, silica gel.
1D	GC - Single coil gas chromatography.
Total	Aliphatics & Aromatics.
AL	Aliphatics only.
AR	Aromatics only.
2D	GC-GC - Double coil gas chromatography.
#1	EH_Total but with humics extracted.
#2	EU_Total but with fatty acids extracted.
_	Operator - underscore to separate acronyms (exception for +).
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry.

EMT Job No: 21/1423

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/S ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes	Yes	AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes		AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes	Yes	AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details			AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details	Yes		AR	Yes

EMT Job No: 21/1423

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM13	A visual examination of the solid sample is carried out to ascertain sample make up, colour and any other inclusions. This is not a geotechnical description.	PM0	No preparation is required.			AR	No
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes	Yes	AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes	Yes	AR	Yes
TM17	Modified US EPA method 8270D v5:2014. Determination of specific Polychlorinated Biphenyl congeners by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM20	Modified BS 1377-3:1990/USEPA 160.1/3 (TDS/TS: 1971) Gravimetric determination of Total Dissolved Solids/Total Solids	PM0	No preparation is required.			AR	Yes
TM21	Modified BS 7755-3:1995, ISO10694:1995 Determination of Total Organic Carbon or Total Carbon by combustion in an Eltra TOC furnace/analyser in the presence of oxygen. The CO ₂ generated is quantified using infra-red detection. Organic Matter (SOM) calculated as per EA MCERTS Chemical Testing of Soil, March 2012 v4.	PM24	Dried and ground solid samples are washed with hydrochloric acid, then rinsed with deionised water to remove the mineral carbon before TOC analysis.			AD	Yes
TM21	Modified BS 7755-3:1995, ISO10694:1995 Determination of Total Organic Carbon or Total Carbon by combustion in an Eltra TOC furnace/analyser in the presence of oxygen. The CO ₂ generated is quantified using infra-red detection. Organic Matter (SOM) calculated as per EA MCERTS Chemical Testing of Soil, March 2012 v4.	PM24	Dried and ground solid samples are washed with hydrochloric acid, then rinsed with deionised water to remove the mineral carbon before TOC analysis.	Yes		AD	Yes

EMT Job No: 21/1423

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM26	Determination of phenols by Reversed Phased High Performance Liquid Chromatography and Electro-Chemical Detection.	PM0	No preparation is required.			AR	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 °C. Samples containing asbestos are not dried and ground.	Yes	Yes	AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP	PM17	Modified method BS EN12457-2:2002 As received solid samples are leached with water in a 10:1 water to soil ratio for 24 hours, the moisture content of the sample is included in the ratio.	Yes		AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes	Yes	AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM0	No preparation is required.	Yes		AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes	Yes	AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AR	Yes
TM50	Acid soluble sulphate (Total Sulphate) analysed by ICP-OES	PM29	A hot hydrochloric acid digest is performed on a dried and ground sample, and the resulting liquor is analysed.	Yes	Yes	AD	Yes

EMT Job No: 21/1423

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/S ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM60	TC/TOC analysis of Waters by High Temperature Combustion followed by NDIR detection. Based on the following modified standard methods: USEPA 9060A (2002), APHA SMEWW 5310B:1999 22nd Edition, ASTM D 7573, and USEPA 415.1.	PM0	No preparation is required.			AR	Yes
TM65	Asbestos Bulk Identification method based on HSG 248 First edition (2006)	PM42	Modified SCA Blue Book V.12 draft 2017 and WM3 1st Edition v1.1:2018. Solid samples undergo a thorough visual inspection for asbestos fibres prior to asbestos identification using TM065.	Yes		AR	
TM173	Analysis of fluoride by ISE (Ion Selective Electrode) using modified ISE method 9214 - 340.2 (EPA 1998)	PM0	No preparation is required.			AR	Yes
NONE	No Method Code	PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.			AR	
TM15_A	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds, Vinyl Chloride & Styrene by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes

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



Attention : Michael Judson
Date : 1st March, 2021
Your reference : UK20.5052c
Our reference : Test Report 21/1760 Batch 1
Location : Pfizer, Havant
Date samples received : 9th February, 2021
Status : Final report
Issue : 3

Seven samples were received for analysis on 9th February, 2021 of which four 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:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052c
Location: Pfizer, Havant
Contact: Michael Judson
EMT Job No: 21/1760

Report : Solid

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

EMT Sample No.	3-4	5-6	9-11	12-13							Please see attached notes for all abbreviations and acronyms		
Sample ID	WS2	WS7	WS8	WS9									
Depth	0.3-0.5	0.5-0.7	0.9-1.0	0.6-0.8									
COC No / misc													
Containers	V J	V J	V J T	V J									
Sample Date	04/02/2021	04/02/2021	04/02/2021	04/02/2021									
Sample Type	Sand	Sand	Sand	Clay									
Batch Number	1	1	1	1									
Date of Receipt	09/02/2021	09/02/2021	09/02/2021	09/02/2021							LOD/LOR	Units	Method No.
Arsenic ^{#M}	7.4	1.9	12.7	2.1							<0.5	mg/kg	TM30/PM15
Cadmium ^{#M}	<0.1	0.2	0.2	0.2							<0.1	mg/kg	TM30/PM15
Chromium ^{#M}	42.0	204.3	99.9	162.7							<0.5	mg/kg	TM30/PM15
Copper ^{#M}	11	5	18	5							<1	mg/kg	TM30/PM15
Lead ^{#M}	21	<5	24	<5							<5	mg/kg	TM30/PM15
Mercury ^{#M}	<0.1	<0.1	<0.1	<0.1							<0.1	mg/kg	TM30/PM15
Nickel ^{#M}	8.6	12.0	32.9	10.3							<0.7	mg/kg	TM30/PM15
Selenium ^{#M}	<1	<1	<1	<1							<1	mg/kg	TM30/PM15
Total Sulphate as SO4 ^{#M}	4023	68	-	90							<50	mg/kg	TM50/PM29
Zinc ^{#M}	47	13	69	15							<5	mg/kg	TM30/PM15
PAH MS													
Naphthalene ^{#M}	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Acenaphthylene	0.03	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Acenaphthene ^{#M}	<0.05	<0.05	<0.05	<0.05							<0.05	mg/kg	TM4/PM8
Fluorene ^{#M}	<0.04	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Phenanthrene ^{#M}	0.29	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Anthracene [#]	0.10	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Fluoranthene ^{#M}	1.19	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Pyrene [#]	1.24	<0.03	<0.03	<0.03							<0.03	mg/kg	TM4/PM8
Benzo(a)anthracene [#]	0.68	<0.06	<0.06	<0.06							<0.06	mg/kg	TM4/PM8
Chrysene ^{#M}	0.70	<0.02	<0.02	<0.02							<0.02	mg/kg	TM4/PM8
Benzo(b)fluoranthene ^{#M}	1.30	<0.07	<0.07	<0.07							<0.07	mg/kg	TM4/PM8
Benzo(a)pyrene [#]	0.71	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Indeno(123cd)pyrene ^{#M}	0.46	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Dibenzo(ah)anthracene [#]	0.10	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Benzo(ghi)perylene [#]	0.47	<0.04	<0.04	<0.04							<0.04	mg/kg	TM4/PM8
Coronene	0.13	-	<0.04	-							<0.04	mg/kg	TM4/PM8
PAH 16 Total	7.3	<0.6	<0.6	<0.6							<0.6	mg/kg	TM4/PM8
PAH 17 Total	7.40	-	<0.64	-							<0.64	mg/kg	TM4/PM8
Benzo(b)fluoranthene	0.94	<0.05	<0.05	<0.05							<0.05	mg/kg	TM4/PM8
Benzo(k)fluoranthene	0.36	<0.02	<0.02	<0.02							<0.02	mg/kg	TM4/PM8
PAH Surrogate % Recovery	91	93	90	89							<0	%	TM4/PM8
VOC TICs	ND	ND	-	ND								None	TM15/PM10
Methyl Tertiary Butyl Ether [#]	<2	<2	-	<2							<2	ug/kg	TM15/PM10
Benzene [#]	<3	<3	-	<3							<3	ug/kg	TM15/PM10
Toluene [#]	<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
Surrogate Recovery Toluene D8	89	100	-	97							<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	83	100	-	105							<0	%	TM15/PM10

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052c
Location: Pfizer, Havant
Contact: Michael Judson
EMT Job No: 21/1760

Report : Solid

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

EMT Sample No.	3-4	5-6	9-11	12-13							Please see attached notes for all abbreviations and acronyms		
Sample ID	WS2	WS7	WS8	WS9									
Depth	0.3-0.5	0.5-0.7	0.9-1.0	0.6-0.8									
COC No / misc													
Containers	V J	V J	V J T	V J									
Sample Date	04/02/2021	04/02/2021	04/02/2021	04/02/2021									
Sample Type	Sand	Sand	Sand	Clay									
Batch Number	1	1	1	1									
Date of Receipt	09/02/2021	09/02/2021	09/02/2021	09/02/2021							LOD/LOR	Units	Method No.
SVOC TICs	See Attached	See Attached	-	See Attached								None	TM16/PM8
Mineral Oil (C10-C40) (EH_CU_1D_AL)	204	-	<30	-							<30	mg/kg	TMS/PM8/PM16
TPH CWG													
Aliphatics													
>C5-C6 (HS_1D_AL) ^{#M}	<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	mg/kg	TM36/PM12
>C8-C10 (HS_1D_AL)	<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	mg/kg	TMS/PM8/PM16
>C12-C16 (EH_CU_1D_AL) ^{#M}	<4	<4	<4	<4							<4	mg/kg	TMS/PM8/PM16
>C16-C21 (EH_CU_1D_AL) ^{#M}	16	<7	<7	<7							<7	mg/kg	TMS/PM8/PM16
>C21-C35 (EH_CU_1D_AL) ^{#M}	144	<7	<7	<7							<7	mg/kg	TMS/PM8/PM16
Total aliphatics C5-35 (EH+HS_CU_1D_AL)	160	<19	<19	<19							<19	mg/kg	TMS/PM8/PM16
Aromatics													
>C5-EC7 (HS_1D_AR) [#]	<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	mg/kg	TM36/PM12
>EC8-EC10 (HS_1D_AR) ^{#M}	<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	mg/kg	TMS/PM8/PM16
>EC12-EC16 (EH_CU_1D_AR) [#]	<4	<4	<4	<4							<4	mg/kg	TMS/PM8/PM16
>EC16-EC21 (EH_CU_1D_AR) [#]	21	<7	<7	<7							<7	mg/kg	TMS/PM8/PM16
>EC21-EC35 (EH_CU_1D_AR) [#]	250	<7	<7	<7							<7	mg/kg	TMS/PM8/PM16
Total aromatics C5-35 (EH+HS_CU_1D_AR) [#]	271	<19	<19	<19							<19	mg/kg	TMS/PM8/PM16
Total aliphatics and aromatics (C5-35) (EH+HS_CU_1D_Total)	431	<38	<38	<38							<38	mg/kg	TMS/PM8/PM16
MTBE [#]	-	-	<5	-							<5	ug/kg	TM36/PM12
Benzene [#]	-	-	<5	-							<5	ug/kg	TM36/PM12
Toluene [#]	-	-	<5	-							<5	ug/kg	TM36/PM12
Ethylbenzene [#]	-	-	<5	-							<5	ug/kg	TM36/PM12
m/p-Xylene [#]	-	-	<5	-							<5	ug/kg	TM36/PM12
o-Xylene [#]	-	-	<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	9.8	21.3	21.9	23.1							<0.1	%	PM4/PM0

QF-PM 3.1.3 v11

Client Name: EPS Ltd
 Reference: UK20.5052c
 Location: Pfizer, Havant
 Contact: Michael Judson
 EMT Job No: 21/1760

VOC Report : Solid

EMT Sample No.	3-4	5-6	12-13									
Sample ID	WS2	WS7	WS9									
Depth	0.3-0.5	0.5-0.7	0.6-0.8									
COC No / misc												
Containers	V J	V J	V J									
Sample Date	04/02/2021	04/02/2021	04/02/2021									
Sample Type	Sand	Sand	Clay									
Batch Number	1	1	1									
Date of Receipt	09/02/2021	09/02/2021	09/02/2021									
	LOD/LOR	Units	Method No.									
VOC MS												
Dichlorodifluoromethane	<2	ug/kg	TM15/PM10									
Methyl Tertiary Butyl Ether #	<2	ug/kg	TM15/PM10									
Chloromethane #	<3	ug/kg	TM15/PM10									
Vinyl Chloride	<2	ug/kg	TM15_A/PM10									
Bromomethane	<1	ug/kg	TM15/PM10									
Chloroethane #	<2	ug/kg	TM15/PM10									
Trichlorofluoromethane #	<2	ug/kg	TM15/PM10									
1,1-Dichloroethene (1,1 DCE) #	<6	ug/kg	TM15/PM10									
Dichloromethane (DCM) #	<30	ug/kg	TM15/PM10									
trans-1,2-Dichloroethene #	<3	ug/kg	TM15/PM10									
1,1-Dichloroethane #	<3	ug/kg	TM15/PM10									
cis-1,2-Dichloroethene #	<3	ug/kg	TM15/PM10									
2,2-Dichloropropane	<4	ug/kg	TM15/PM10									
Bromochloromethane #	<3	ug/kg	TM15/PM10									
Chloroform #	<3	ug/kg	TM15/PM10									
1,1,1-Trichloroethane #	<3	ug/kg	TM15/PM10									
1,1-Dichloropropene #	<3	ug/kg	TM15/PM10									
Carbon tetrachloride #	<4	ug/kg	TM15/PM10									
1,2-Dichloroethane #	<4	ug/kg	TM15/PM10									
Benzene #	<3	ug/kg	TM15/PM10									
Trichloroethene (TCE) #	<3	ug/kg	TM15/PM10									
1,2-Dichloropropane #	<6	ug/kg	TM15/PM10									
Dibromomethane #	<3	ug/kg	TM15/PM10									
Bromodichloromethane #	<3	ug/kg	TM15/PM10									
cis-1,3-Dichloropropene	<4	ug/kg	TM15/PM10									
Toluene #	<3	ug/kg	TM15/PM10									
trans-1,3-Dichloropropene	<3	ug/kg	TM15/PM10									
1,1,2-Trichloroethane #	<3	ug/kg	TM15/PM10									
Tetrachloroethene (PCE) #	<3	ug/kg	TM15/PM10									
1,3-Dichloropropane #	<3	ug/kg	TM15/PM10									
Dibromochloromethane #	<3	ug/kg	TM15/PM10									
1,2-Dibromoethane #	<3	ug/kg	TM15/PM10									
Chlorobenzene #	<3	ug/kg	TM15/PM10									
1,1,1,2-Tetrachloroethane #	<3	ug/kg	TM15/PM10									
Ethylbenzene #	<3	ug/kg	TM15/PM10									
m/p-Xylene #	<5	ug/kg	TM15/PM10									
o-Xylene #	<3	ug/kg	TM15/PM10									
Styrene	<3	ug/kg	TM15_A/PM10									
Bromoform	<3	ug/kg	TM15/PM10									
Isopropylbenzene #	<3	ug/kg	TM15/PM10									
1,1,2,2-Tetrachloroethane #	<3	ug/kg	TM15/PM10									
Bromobenzene	<2	ug/kg	TM15/PM10									
1,2,3-Trichloropropane #	<4	ug/kg	TM15/PM10									
Propylbenzene #	<4	ug/kg	TM15/PM10									
2-Chlorotoluene	<3	ug/kg	TM15/PM10									
1,3,5-Trimethylbenzene #	<3	ug/kg	TM15/PM10									
4-Chlorotoluene	<3	ug/kg	TM15/PM10									
tert-Butylbenzene #	<5	ug/kg	TM15/PM10									
1,2,4-Trimethylbenzene #	<6	ug/kg	TM15/PM10									
sec-Butylbenzene #	<4	ug/kg	TM15/PM10									
4-Isopropyltoluene #	<4	ug/kg	TM15/PM10									
1,3-Dichlorobenzene #	<4	ug/kg	TM15/PM10									
1,4-Dichlorobenzene #	<4	ug/kg	TM15/PM10									
n-Butylbenzene #	<4	ug/kg	TM15/PM10									
1,2-Dichlorobenzene #	<4	ug/kg	TM15/PM10									
1,2-Dibromo-3-chloropropane #	<4	ug/kg	TM15/PM10									
1,2,4-Trichlorobenzene	<7	ug/kg	TM15/PM10									
Hexachlorobutadiene	<4	ug/kg	TM15/PM10									
Naphthalene	<27	ug/kg	TM15/PM10									
1,2,3-Trichlorobenzene	<7	ug/kg	TM15/PM10									
Surrogate Recovery Toluene D8	89	%	TM15/PM10									
Surrogate Recovery 4-Bromofluorobenzene	83	%	TM15/PM10									

Please see attached notes for all abbreviations and acronyms

Element Materials Technology

Job number: 21/1760 **Method:** SVOC
Sample number: 4 **Matrix:** Solid
Sample identity: WS2
Sample depth: 0.3-0.5
Sample Type: 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.

CAS No.	Tentative Compound Identification	Retention Time (minutes)	% Match	Concentration
832-69-9	Phenanthrene, 1-methyl-	10.705	86	148
832-64-4	Phenanthrene, 4-methyl-	10.771	94	191
2531-84-2	Phenanthrene, 2-methyl-	10.826	94	311
1576-67-6	Phenanthrene, 3,6-dimethyl-	11.228	95	279
1000400-52-2	anthracene, 2,7-dimethyl-	11.338	90	262
2789-88-0	di-p-Tolylacetylene	11.355	92	125
116196-83-9	4,4'-Bis(tetrahydrothiopyran)	11.515	90	301
1000400-58-5	quinoline, 6-chloro-5-nitro-	11.557	90	320
544-76-3	Hexadecane	11.582	93	113
77581-11-4	2,9-Dimethyl-2,3,4,5,6,7-hexahydro-1H-2-benzazonine	11.785	93	186
243-42-5	Benzo[b]naphtho[2,3-d]furan	11.802	83	279
2435-53-2	Tetrachloro-o-benzoquinone	11.903	93	126
288246-53-7	Pyridine-3-carboxamide, oxime, N-(2-trifluoromethylphenyl)-	11.962	91	222
112-95-8	Eicosane	11.995	94	189
2381-21-7	Pyrene, 1-methyl-	12.038	86	505
483-65-8	Retene	12.088	91	154
479-79-8	11H-Benzo[a]fluoren-11-one	12.628	93	355
68479-22-1	3-Bromo-7-methoxy pyrazolo[4,3-d]pyrimidine	12.704	90	198
239-35-0	Benzo[b]naphtho[2,1-d]thiophene	12.788	90	316
14427-61-3	1(2H)-Phenanthrenone, 3,4,9,10-tetrahydro-7-methoxy-	12.822	92	239
205-43-6	Benzo[b]naphtho[1,2-d]thiophene	12.994	86	115
3697-24-3	Chrysene, 5-methyl-	13.709	91	567
1000388-33-0	3-Hydroxy-2-(2-methylpyrazol-3-yl)chromen-4-one	13.742	93	275
6418-47-9	Heneicosane, 3-methyl-	13.808	81	600
192-97-2	Benzo[e]pyrene	14.810	96	1533

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]

Job number:	21/1760	Method:	SVOC
Sample number:	13	Matrix:	Solid
Sample identity:	WS9		
Sample depth:	0.6-0.8		
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.

QF-PM 3.1.5 v12

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	NDP		
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	NDP		
Particle Size <4mm =	>95%				
EMT Job No	21/1760		Landfill Waste Acceptance Criteria Limits		
Sample No	4				
Client Sample No	WS2		Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill	Hazardous Waste Landfill
Depth/Other	0.3-0.5				
Sample Date	04/02/2021				
Batch No	1				
Solid Waste Analysis					
Total Organic Carbon (%)	0.89		3	5	6
Loss on Ignition (%)	-		-	-	10
Sum of BTEX (mg/kg)	<0.017		6	-	-
Sum of 7 PCBs (mg/kg)	<0.035		1	-	-
Mineral Oil (mg/kg) (EH_CU_1D_AL)	204		500	-	-
PAH Sum of 17(mg/kg)	7.40		100	-	-
pH (pH Units)	-		-	>6	-
ANC to pH 7 (mol/kg)	-		-	to be evaluated	to be evaluated
ANC to pH 4 (mol/kg)	-		-	to be evaluated	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	A ₁₀			
	mg/l	mg/kg			
<u>Arsenic</u>	NDP	NDP	0.5	2	25
<u>Barium</u>	NDP	NDP	20	100	300
<u>Cadmium</u>	NDP	NDP	0.04	1	5
<u>Chromium</u>	NDP	NDP	0.5	10	70
<u>Copper</u>	NDP	NDP	2	50	100
<u>Mercury</u>	NDP	NDP	0.01	0.2	2
<u>Molybdenum</u>	NDP	NDP	0.5	10	30
<u>Nickel</u>	NDP	NDP	0.4	10	40
<u>Lead</u>	NDP	NDP	0.5	10	50
<u>Antimony</u>	NDP	NDP	0.06	0.7	5
<u>Selenium</u>	NDP	NDP	0.1	0.5	7
<u>Zinc</u>	NDP	NDP	4	50	200
<u>Chloride</u>	NDP	NDP	800	15000	25000
<u>Fluoride</u>	NDP	NDP	10	150	500
<u>Sulphate as SO4</u>	NDP	NDP	1000	20000	50000
<u>Total Dissolved Solids</u>	NDP	NDP	4000	60000	100000
<u>Phenol</u>	NDP	NDP	1	-	-
Dissolved Organic Carbon	NDP	-	500	800	1000

Mass of sample taken (kg)	-	Moisture Content Ratio (%) =	29.3
Mass of dry sample (kg) =	0.09	Dry Matter Content Ratio (%) =	77.3
Particle Size <4mm =	>95%		
EMT Job No	21/1760	Landfill Waste Acceptance Criteria Limits	
Sample No	11		
Client Sample No	WS8		
Depth/Other	0.9-1.0		
Sample Date	04/02/2021		
Batch No	1		
Solid Waste Analysis		Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill
Total Organic Carbon (%)	0.29	3	5
Loss on Ignition (%)	5.9	-	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)	7.97	-	>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	A ₁₀	
	mg/l	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	0.006	0.06	4
Chloride	17.4	174	800
Fluoride	<0.3	<3	10
Sulphate as SO ₄	8.8	88	1000
Total Dissolved Solids	37	370	4000
Phenol	<0.05	<0.5	1
Dissolved Organic Carbon	21	210	500

Matrix : Solid

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

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.

[illegible]

Matrix : Solid

[illegible]

Matrix : CEN 10:1 1 Batch

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Matrix : Solid

[illegible]

QF-PM 3.1.11 v3

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 21/1760

SOILS

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above calibration range, the result should be considered the minimum value. The actual result could be significantly higher, this result is not accredited.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range
AA	x5 Dilution

HWOL ACRONYMS AND OPERATORS USED

HS	Headspace Analysis.
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent.
CU	Clean-up - e.g. by florisil, silica gel.
1D	GC - Single coil gas chromatography.
Total	Aliphatics & Aromatics.
AL	Aliphatics only.
AR	Aromatics only.
2D	GC-GC - Double coil gas chromatography.
#1	EH_Total but with humics extracted.
#2	EU_Total but with fatty acids extracted.
_	Operator - underscore to separate acronyms (exception for +).
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry.

EMT Job No: 21/1760

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/S ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.	PM0	No preparation is required.			AR	
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM4	Modified USEPA 8270D v5:2014 method for the solvent extraction and determination of PAHs by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes	Yes	AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.			AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes		AR	Yes
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM8/PM16	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required/Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE.	Yes	Yes	AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details			AR	Yes
TM5/TM36	please refer to TM5 and TM36 for method details	PM8/PM12/PM16	please refer to PM8/PM16 and PM12 for method details	Yes		AR	Yes

EMT Job No: 21/1760

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
PM13	A visual examination of the solid sample is carried out to ascertain sample make up, colour and any other inclusions. This is not a geotechnical description.	PM0	No preparation is required.			AR	No
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.			AR	Yes
TM16	Modified USEPA 8270D v5:2014. Quantitative determination of Semi-Volatile Organic compounds (SVOCs) by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes	Yes	AR	Yes
TM17	Modified US EPA method 8270D v5:2014. Determination of specific Polychlorinated Biphenyl congeners by GC-MS.	PM8	End over end extraction of solid samples for organic analysis. The solvent mix varies depending on analysis required.	Yes		AR	Yes
TM20	Modified BS 1377-3:1990/USEPA 160.1/3 (TDS/TS: 1971) Gravimetric determination of Total Dissolved Solids/Total Solids	PM0	No preparation is required.			AR	Yes
TM21	Modified BS 7755-3:1995, ISO10694:1995 Determination of Total Organic Carbon or Total Carbon by combustion in an Eltra TOC furnace/analyser in the presence of oxygen. The CO ₂ generated is quantified using infra-red detection. Organic Matter (SOM) calculated as per EA MCERTS Chemical Testing of Soil, March 2012 v4.	PM24	Dried and ground solid samples are washed with hydrochloric acid, then rinsed with deionised water to remove the mineral carbon before TOC analysis.			AD	Yes
TM21	Modified BS 7755-3:1995, ISO10694:1995 Determination of Total Organic Carbon or Total Carbon by combustion in an Eltra TOC furnace/analyser in the presence of oxygen. The CO ₂ generated is quantified using infra-red detection. Organic Matter (SOM) calculated as per EA MCERTS Chemical Testing of Soil, March 2012 v4.	PM24	Dried and ground solid samples are washed with hydrochloric acid, then rinsed with deionised water to remove the mineral carbon before TOC analysis.	Yes		AD	Yes
TM22	Modified BS1377-3:1990 Gravimetric determination of Loss on Ignition by temperature controlled Muffle Furnace (35C-440C). On request modified ASTM D2974-00 LOI (105C-440C)	PM0	No preparation is required.	Yes		AD	Yes

EMT Job No: 21/1760

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM26	Determination of phenols by Reversed Phased High Performance Liquid Chromatography and Electro-Chemical Detection.	PM0	No preparation is required.			AR	Yes
TM26	Determination of phenols by Reversed Phased High Performance Liquid Chromatography and Electro-Chemical Detection.	PM21B	As Received samples are extracted in Methanol: Water (60:40) by reciprocal shaker.			AR	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP	PM15	Acid digestion of dried and ground solid samples using Aqua Regia refluxed at 112.5 °C. Samples containing asbestos are not dried and ground.	Yes	Yes	AD	Yes
TM30	Determination of Trace Metals by ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry): WATERS by Modified USEPA Method 200.7, Rev. 4.4, 1994; Modified EPA Method 6010B, Rev.2, Dec 1996; Modified BS EN ISO 11885:2009: SOILS by Modified USEP	PM17	Modified method BS EN12457-2:2002 As received solid samples are leached with water in a 10:1 water to soil ratio for 24 hours, the moisture content of the sample is included in the ratio.	Yes		AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes		AR	Yes
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GC/FID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.	Yes	Yes	AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM0	No preparation is required.	Yes		AR	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes	Yes	AD	Yes
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.			AR	Yes

EMT Job No: 21/1760

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM38	Soluble Ion analysis using Discrete Analyser. Modified US EPA methods: Chloride 325.2 (1978), Sulphate 375.4 (Rev.2 1993), o-Phosphate 365.2 (Rev.2 1993), TON 353.1 (Rev.2 1993), Nitrite 354.1 (1971), Hex Cr 7196A (1992), NH4+ 350.1 (Rev.2 1993) – All anions comparable to BS ISO 15923-1: 2013I	PM20	Extraction of dried and ground or as received samples with deionised water in a 2:1 water to solid ratio using a reciprocal shaker for all analytes except hexavalent chromium. Extraction of as received sample using 10:1 ratio of 0.2M sodium hydroxide to soil for hexavalent chromium using a reciprocal shaker.	Yes		AR	Yes
TM50	Acid soluble sulphate (Total Sulphate) analysed by ICP-OES	PM29	A hot hydrochloric acid digest is performed on a dried and ground sample, and the resulting liquor is analysed.	Yes	Yes	AD	Yes
TM60	TC/TOC analysis of Waters by High Temperature Combustion followed by NDIR detection. Based on the following modified standard methods: USEPA 9060A (2002), APHA SMEWW 5310B:1999 22nd Edition, ASTM D 7573, and USEPA 415.1.	PM0	No preparation is required.			AR	Yes
TM65	Asbestos Bulk Identification method based on HSG 248 First edition (2006)	PM42	Modified SCA Blue Book V.12 draft 2017 and WM3 1st Edition v1.1:2018. Solid samples undergo a thorough visual inspection for asbestos fibres prior to asbestos identification using TM065.	Yes		AR	
TM73	Modified US EPA methods 150.1 (1982) and 9045D Rev. 4 - 2004) and BS1377-3:1990. Determination of pH by Metrohm automated probe analyser.	PM11	Extraction of as received solid samples using one part solid to 2.5 parts deionised water.	Yes	Yes	AR	No
TM89	Modified USEPA method OIA-1667 (1999). Determination of cyanide by Flow Injection Analyser. Where WAD cyanides are required a Ligand displacement step is carried out before analysis.	PM45	As received solid samples are extracted with 1M NaOH by orbital shaker for Cyanide, Sulphide and Thiocyanate analysis.	Yes	Yes	AR	Yes
TM173	Analysis of fluoride by ISE (Ion Selective Electrode) using modified ISE method 9214 - 340.2 (EPA 1998)	PM0	No preparation is required.			AR	Yes
NONE	No Method Code	NONE	No Method Code			AD	Yes
NONE	No Method Code	PM4	Gravimetric measurement of Natural Moisture Content and % Moisture Content at either 35°C or 105°C. Calculation based on ISO 11465:1993(E) and BS1377-2:1990.			AR	
TM15_A	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds, Vinyl Chloride & Styrene by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.			AR	Yes

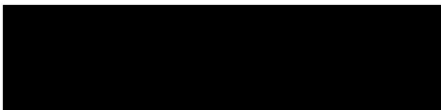
EPS Ltd
7B Caxton House
Broad Street
Cambourne
Cambridgeshire
CB23 6JN



Attention : Michael Judson
Date : 1st March, 2021
Your reference : UK20.5052c
Our reference : Test Report 21/1857 Batch 1
Location : Pfizer, Havant
Date samples received : 11th February, 2021
Status : Final report
Issue : 4

Twenty eight samples were received for analysis on 11th February, 2021 of which twenty eight 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:



Bruce Leslie
Project Manager

Please include all sections of this report if it is reproduced

Element Materials Technology

Client Name: (36/WG

Reference: 8 . F

Location: 3 IJ HUY DQW

Contact: 0 IFKD HXGVRQ

EMT Job No:

Report : Solid

Solids:9 J92&NDU- J JOWNDU7 SDWLWE

EMT Sample No.												
Sample ID	%+ %	+ %+	%+ %	+ %+	%+ %	+ %+	%+					
Depth												
COC No / misc												
Containers	7	9-77	7	7	7	7	7	7				
Sample Date												
Sample Type	&DA H I DQG	ODH 6DQG	&DA	&DA H I DQG	&DA	&DA	&DA	&DA	&DA	&DA	6 DQG	
Batch Number												
Date of Receipt												
											/ 2 ' /25	8 QW
												0 HMRG 1 R
73+ & *												
Aliphatics												
! &&6 B' B\$ / #M	P	JNJ										70 30
! &&6 B' B\$ / #M	P	JNJ										70 30
! &&6 B' B\$ / #M	P	JNJ										70 30
! &&(+B&8BB\$ / #M	P	JNJ										70 3B0
! &&(+B&8BB\$ / #M	P	JN	J									70 3B0
! &&(+B&8BB\$ / #M	P	JN	J									70 3B0
! &&(+B&8BB\$ / #M	P	JN	J									70 3B0
7RMDDBDVRW%+ +B&8B B\$ /	P	JNJ										70 7B0 3B0
Aromatics												
! (&6 B' B\$ 5 #	P	JNJ										70 30
! (&6 B' B\$ 5 #	P	JNJ										70 30
! (&6 B' B\$ 5 #M	P	JNJ										70 30
! (&(+B&8BB\$ 5 #	P	JNJ										70 3B0
! (&(+B&8BB\$ 5 #	P	JN	J									70 3B0
! (&(+B&8BB\$ 5 #	P	JN	J									70 3B0
! (&(+B&8BB\$ 5 #	P	JN	J									70 3B0
7RMDRFDVRW%+ +B&8B B\$ 5	P	JNJ										70 7B0 3B0
7RMDRFDVRW%+ +B&8B B\$ 5	P	JNJ										70 7B0 3B0
0 7%(#	X	JN	J									70 30
%HQ HQH #	X	JN	J									70 30
7RQHQH #	X	JN	J									70 30
(VHQ HQH #	X	JN	J									70 30
P S\OHQ #	X	JN	J									70 30
R\ OHQ #	X	JN	J									70 30
3&% #	X	J	N	J	7	0	3	0				
3&% #	X	J	N	J	7	0	3	0				
3&% #	X	J	N	J	7	0	3	0				
3&% #	X	J	N	J	7	0	3	0				
3&% #	X	J	N	J	7	0	3	0				
3&% #	X	J	N	J	7	0	3	0				
3&% #	X	J	N	J	7	0	3	0				
7RMDR% #	X	J	N	J	7	0	3	0				
7RMDKHQROV3 &	P	JNJ										70 30%
1 DMDOR LVXHQVHQV												30 30
\$ P P RQDFDL VHQDL	P	JNJ										70 30
+ H\ DYBQK URPL X #	P	JNJ										70 30
6XSKDMV6Z [W #M	JO											70 30

Client Name: (36/MG
Reference: 8 . F
Location: 311J HUYDQW
Contact: 0 IEKDHXGVRQ
EMT Job No:

Solids:9 J92&NDU- J10VMDU7 SOWLAME

3 QIDVNHHDWIKHGQRMVIRUQ
DEEUHYMDIROYDGGDFURQ PV

Element Materials Technology

Client Name:

(36/WG

Reference:

8 . F

Location:

3 IJ HUY DQW

Contact:

0 IFKHGXG/RQ

EMT Job No:

Report : Solid

Solids:9 J92&NDU- J JOW/NDU7 SOWLWE

EMT Sample No.												
Sample ID	%+ %	+ %+	%+ %	+ %+	%+ %	%+ %						
Depth												
COC No / misc												
Containers	7	9-79	7 9 77	7 779	7	7						
Sample Date												
Sample Type	& OA	& OA H DQG	6 DQG	& OA	6 DQG	& OA	& OA	& OA	& OA	& OA		
Batch Number											/ 2 ' /25	8 QW
Date of Receipt												0 HMRG 1 R
73+ & *												
Aliphatics												
! &&+6 B' B\$ / #M	P	JNJ										70 30
! &&+6 B' B\$ / #M	P	JNJ										70 30
! &&+6 B' B\$ / #M	P	JNJ										70 30
! &&+ B&8BB\$ / #M	P	JNJ										70 30
! &&+ B&8BB\$ / #M	P	JN	J									70 30
! &&+ B&8BB\$ / #M	P	JN	J									70 30
! &&+ B&8BB\$ / #M	P	JN	J									70 30
7RMDDBDVRW%+ +B&8B B\$ /	P	JNJ										70 700 30
Aromatics												
! (&+ 6 B' B\$ 5 #	P	JNJ										70 30
! (&+ 6 B' B\$ 5 #	P	JNJ										70 30
! (&+ 6 B' B\$ 5 #M	P	JNJ										70 30
! (&+ B&8BB\$ 5 #	P	JNJ										70 30
! (&+ B&8BB\$ 5 #	P	JN	J									70 30
! (&+ B&8BB\$ 5 #	P	JN	J									70 30
! (&+ B&8BB\$ 5 #	P	JN	J									70 30
7RMDDBDVRW%+ +B&8B B\$ 5	P	JNJ										70 700 30
7RMDDBDVRW%+ +B&8B B\$ 5	P	JNJ										70 700 30
0 7% (#	X	JN	J									70 30
%+HQ HQH #	X	JN	J									70 30
7RQHQH #	X	JN	J									70 30
(V&HQ HQH #	X	JN	J									70 30
P \$ \ OHQ #	X	JN	J									70 30
R \ OHQ #	X	JN	J									70 30
3&% #	X	J	N	J7	0	3	0					
3&% #	X	J	N	J7	0	3	0					
3&% #	X	J	N	J7	0	3	0					
3&% #	X	J	N	J7	0	3	0					
3&% #	X	J	N	J7	0	3	0					
3&% #	X	J	N	J7	0	3	0					
3&% #	X	J	N	J7	0	3	0					
7RMDDBDVRW% #	X	J	N	J70	3	0						
7RMDDBDVRW%3 &	P	JNJ										70 30%
1 DMDDBDVRW%3 &												30 30
\$ P P RQDFDQ V&HQDQ	P	JNJ										70 30
+ H [DYDBQ& URPL X #	P	JNJ										70 30
6XSKDMDV6Z [W #M	JO											70 30

Client Name: (36/MG
Reference: 8 . F
Location: 311 JUDY DQW
Contact: 0 1FKDHXGVRQ
EMT Job No:

Solids:9 J92&NDU- J10VMDU7 SDWLAME

3 ~~Q~~DMNH~~Q~~DM~~Q~~KHGQRMVIRU~~Q~~
DEEUHYDM~~Q~~RO~~Q~~GD~~Q~~FUR~~Q~~ PV

Element Materials Technology

Client Name: (36/VG
Reference: 8 . F
Location: 3 IJ HUY DQW
Contact: 0 IFKDHXG/RQ
EMT Job No:

Report : Solid

Solids:9 J92&NDU- J QW/NDU7 SOWLWE

EMT Sample No.												
Sample ID	%e %e	%e %e	%e %e	%e %e								
Depth												
COC No / misc												
Containers	7	7	7	7	7	7	7	7				
Sample Date												
Sample Type	& DA	& DA H DQG	& DA	& DA	& DA	6 DQG	& DA	& DA				
Batch Number												
Date of Receipt											/ 2 ' /25	8 QW 0 HMRG 1 R
\$UHQE #M	P	J	N	J								70 30
&DGP IXP #M	P	J	N	J								70 30
&KURP IXP #M	P	J	N	J								70 30
&RSSHU #M	P	J	N	J								70 30
/ HDG #M	P	J	N	J								70 30
0 HUPXU #M	P	J	N	J								70 30
1 IENHO #M	P	J	N	J								70 30
6 HXQXP #M	P	J	N	J								70 30
6 XSKXUV6												70 30
7 RMDX O&D VMD62 #M	PJN	J										70 30
=IQE #M	P	J	N	J								70 30
3 \$+ G												
1 DSKWDBQH #M	P	J	N	J	7	0	3	0				
\$FHQDSKWM BQH	P	J	N	J								70 30
\$FHQDSKWMHQH #M	P	J	N	J	7	0	3	0				
) QRHQH #M	P	J	N	J	7	0	3	0				
3 KHQDQWUHQH #M	P	J	N	J	7	0	3	0				
\$QMDFHQH #	P	J	N	J	7	0	3	0				
) QRUDQWUHQH #M	P	J	N	J	7	0	3	0				
3\ UHQH #	P	J	N	J	7	0	3	0				
%HQ RDQWUHQH #	P	J	N	J	7	0	3	0				
&KUV HQH #M	P	J	N	J	7	0	3	0				
%HQ REN ORDQWUHQH #M	P	J	N	J	7	0	3	0				
%HQ RDSUHQH #	P	J	N	J	7	0	3	0				
,QHQRFSU HQH #M	P	J	N	J	7	0	3	0				
' IEHQ RQDQWUHQH #	P	J	N	J	7	0	3	0				
%HQ RKL\$U HQH #	P	J	N	J	7	0	3	0				
&RURHQH	P	J	N	J	7	0	3	0				
3 \$+ TRWDPJN	7	0	3	0								
3 \$+ TRWDPJN	7	0	3	0								
%HQ RE ORDQWUHQH #	N	J	7	0	3	0						
%HQ RN ORDQWUHQH #	N	J	7	0	3	0						
3 \$+ 6XURDQWUHQH #												
92 &7, &1	R	Q	H									70 30
692 &7, &1	R	Q	H	7	0	3	0					
0 IQHQL Q&+ B&B' B\$	P	J	N	J								70 30

Client Name: (36/MG
Reference: 8 . F
Location: 311 JUDY DQW
Contact: 0 1FKDHOXGVRQ
EMT Job No:

Solids: 9 J92&NDU- J10VMDU7 \$DVLFXE

[illegible]

Client Name: (36/MG
Reference: 8 . F
Location: 311 JUDY DQW
Contact: 0 1FKDHOXGVRQ
EMT Job No:

Solids:9 J92&NDU- J10VMDU7 SDWLAME

[illegible]

Client Name: (36/WG

Reference: 8. F

Location: 31J HUEYDQW

Contact: 0 1FKDHXGVRQ

EMT Job No:

SVOC Report : Solid

EMT Sample No.												
Sample ID	% ⁺ %	+ % ⁺	% ⁺									
Depth												
COC No / misc												
Containers	9 - 79	79 79	- 7									
Sample Date												
Sample Type	& 0A H 6DQ2	0 0B H 6DQ	6 DQ	& 0A								
Batch Number												
Date of Receipt										/ 2' /25	8 QW	0 HWRG 1 R
692 & 06												
Phenols												
& 0RURSKHQRO ^{#M}	XJN	J70	30									
0HVKIOSKHQRO	XJN	J										70 30
1LWMBKHQRO	XJN	J										70 30
* 1FKORRSKHQRO ^{#M}	XJN	J70	30									
* 1PHWK OSKHQRO	XJN	J										70 30
7ULFKORUSKHQRO	XJN	J										70 30
7ULFKORUSKHQRO	XJN	J										70 30
& 0RURBAMIOSKHQRO	XJN	J										70 30
0HVKIOSKHQRO	XJN	J										70 30
1LWMBKHQRO	XJN	J										70 30
3HQWFKORUSKHQRO	XJN	J										70 30
3KHQRO ^{#M}	XJN	J70	30									
PAHs												
& 0RURQDSKVKIDHQ ^{#M}	XJN	J70	30									
0HVKIOSKVKIDHQ ^{#M}	XJN	J70	30									
Phthalates												
%0HVK OXJ OSKWDODM	XJNJ											70 30
%0XMBHQ \ OSKWDODM	XJNJ											70 30
* 1QXV OSKWDODM	XJNJ											70 30
* 1QFM OSKWDODM	XJNJ											70 30
* 1HMA OSKWDODM	XJNJ											70 30
* 1P HMA OSKWDODM ^{#M}	XJNJ	7030										
Other SVOCs												
* 1FKORREHQ HQH	XJN	J										70 30
7ULFKORUSHQHQH ^{#M}	XJN	J70	30									
* 1FKORREHQ HQH	XJN	J										70 30
* 1FKORREHQ HQH	XJN	J										70 30
1LWMBQLOQH	XJN	J										70 30
* 1QWMBQHQH	XJN	J										70 30
* 1QWMBQHQH	XJN	J										70 30
1LWMBQLOQH	XJN	J										70 30
%URRS KHQ OSKHQ CHMHU ^{#M}	XJN	J70	30									
& 0RURQLOQH	XJN	J										70 30
& 0RURSKHQ OSKHQ CHMHU	XJN	J										70 30
1LWMBQLOQH	XJN	J										70 30
\$J REHQ HQH	XJN	J										70 30
%0VKORURMHQ \ PHMDQH	XJN	J										70 30
%0VKORURMHQ CHMHU	XJN	J										70 30
& DUEJ RQH	XJN	J										70 30
* 1EHQ RIXUDQ ^{#M}	XJN	J70	30									
+ H[DFKUREHQHQHQH	XJN	J										70 30
+ H[DFKUREXWIGHQHQH ^{#M}	XJN	J70	30									
+ H[DFKURFA FESHQDGHQHQH	XJN	J										70 30
+ H[DFKURHMDQH	XJN	J										70 30
VRSKRURQH ^{#M}	XJN	J70	30									
1 QWVRLQSUSODQH ^{#M}	XJN	J70	30									
1 WREHQHQHQHQH ^{#M}	XJN	J70	30									
6XURJDMHFHYHJASHSKHQ OG	703	0										
6XURJDMHFHYHJASHSKHQ OG	70	30										

Client Name: (36/WG
Reference: 8. F
Location: 3 IJ HUEYDQW
Contact: 0 IFKDHXGVRQ
EMT Job No:

VOC Report : Solid

EMT Sample No.												
Sample ID	%+ %	+ %+	%+									
Depth												
COC No / misc												
Containers	9 -79	7 9 9	- 7									
Sample Date												
Sample Type	& QH H EDQG	QDH 6DQG	6 DQG	& QH								
Batch Number												
Date of Receipt										/ 2 ' /25	8 QW	0 HWRG 1 R
92 &G												
* IFKGURIGRURP HMDQH	XJ	NJ										70 30
0 HM GHUMDA%WM QVHU #M	XJ	NJ										70 30
&KGRUP HMDQH#	XJ	NJ										70 30
9IQ QK ORUG	XJ	NJ										70 BS30
%URP RP HMDQH	XJ	NJ										70 30
&KGRUPHMDQH#M	XJ	NJ										70 30
7UEKGRURGRURP HMDQH #M	XJ	NJ										70 30
* IFKORRWQH & #	XJ	NJ										70 30
* IFKGRUP HMDQH&D	XJ	NJ										70 30
MDQV LKOR WSHQH #	XJ	NJ										70 30
* IFKORRWQH #M	XJ	NJ										70 30
FLV LKOR WSHQH #M	XJ	NJ										70 30
* IFKORRSUSDQH	XJ	NJ										70 30
%URP RFGURP HMDQH#M	XJ	NJ										70 30
&KGRURUP #M	XJ	NJ										70 30
7ULKGRURWQH #M	XJ	NJ										70 30
* IFKORRSUSDQH #	XJ	NJ										70 30
&DUEQWVFKORUG #M	XJ	NJ										70 30
* IFKORRWQH #M	XJ	NJ										70 30
%HQ HQH #M	XJ	NJ										70 30
7UEKGRURHMQH& #M	XJ	NJ										70 30
* IFKORRSUSDQH #M	XJ	NJ										70 30
* IEURP RP HMDQH#M	XJ	NJ										70 30
%URP RFGURP HMDQH#M	XJ	NJ										70 30
FLV LKOR WSHQH	XJ	NJ										70 30
7RQHQH #M	XJ	NJ										70 30
MDQV LKOR WSHQH	XJ	NJ										70 30
7ULKGRURWQH #M	XJ	NJ										70 30
7HMDFKGRURHMQH& #	XJ	NJ										70 30
* IFKORRSUSDQH #M	XJ	NJ										70 30
* IEURP RFGURP HMDQH#M	XJ	NJ										70 30
* IEURRWK DQH #	XJ	NJ										70 30
&KGRURHQ HQH #M	XJ	NJ										70 30
7HMDFKGRURWQH #M	XJ	NJ										70 30
(VA QHQ HQH #M	XJ	NJ										70 30
P S OQH #M	XJ	NJ										70 30
R\ OQH #M	XJ	NJ										70 30
6 WUHQH	XJ	NJ										70 BS30
%URP RIRUP	XJ	NJ										70 30
,VRSURV QHQ HQH#	XJ	NJ										70 30
7HMDFKGRURWQH #M	XJ	NJ										70 30
%URP REHQ HQH	XJ	NJ										70 30
7ULKGRURUSDQH #M	XJ	NJ										70 30
3 URS QHQ HQH#	XJ	NJ										70 30
&KORURWQH	XJ	NJ										70 30
7ULPMA QHQ HQH #	XJ	NJ										70 30
&KORURWQH	XJ	NJ										70 30
WUWVWCEQ HQH #	XJ	NJ										70 30
7ULPMA QHQ HQH #	XJ	NJ										70 30
VHPWVCEQ HQH #	XJ	NJ										70 30
, VRSURV OVRQH #	XJ	NJ										70 30
* IFKORREQ HQH #M	XJ	NJ										70 30
* IFKORREQ HQH #	XJ	NJ										70 30
QWVCEQ HQH #	XJ	NJ										70 30
* IFKORREQ HQH #M	XJ	NJ										70 30
* IEURP K O R U R S D Q H #	XJ	NJ										70 30
7ULKGRURHQ HQH&XJ NJ												70 30
+ HJ DFKGUREXWGHQH	XJ	NJ										70 30
1 DSKWDBQH	XJ	NJ										70 30
7ULKGRURHQ HQH&XJ NJ												70 30
6 XURJ DMBFRYHJ 7RQHQH												70 30
6 XURJ DMBFRYHJ 9FRICK RUEQ HQH												70 30

0 DMR VPSOHNQJ		0	RLWCH&RQVHQVDMR	
0 DMR QVPSCHNJ		' W0	DMU & RQVQVDMR	
3 DMR JHPP		!		

EMT Job No	21/1857	Landfill Waste Acceptance Criteria Limits		
Sample No	22			
Client Sample No	BH8	Inert Waste Landfill	Stable Non-reactive Hazardous Waste in Non- Hazardous Landfill	Hazardous Waste Landfill
Depth/Other	11.95-12.00			
Sample Date	02/02/2021			
Batch No	1			
Solid Waste Analysis				
7 RQJJDQLRQJERQ				
/ RWRQ JQVWRQ				
6 XP R % ; PJNJ				
6 XP R 32APJNJ				
0 IQHJQJ QJ (&BB\$/				
3 \$ + 6XPR IPJNJ				
S+ S8QLWV	!			
\$ 1 & VSPROJ			WREHNDOKDWHG	WREHNDOKDWHG
\$ 1 & VSPROJ			WREHNDOKDWHG	WREHNDOKDWHG

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	A ₁₀	
	mg/l	mg/kg	
\$ WHQF			
%DXP			
& DGP LXP			
& KURP LXP			
& RSSHU			
0 HUFXU			
0 RDEGHQXP			
1 IENHO			
/ HDG			
\$ QMP RQ			
6 H8QXP			
=IQF			
& K8RUGH			
) 8RUGH			
6 XSKDMV62			
7 RQQL WRQFG6ROLG			
3 KHQRO			
' LVROHGJJDQLRQJERQ			

Matrix : Solid

4) 30 Y 30 ~~CH~~HLFO XGDOONFVROVR VUHSRWILWUSGXFHR

Note:

2 SLQRQMLQXGQ\$&OM SHQ\$EHMRVCHMCHWKQDHRXMLGHWKVFBRIRX\$. \$6DFUHLVDWRQ

: KHUHNMPSOHLVQWVNHQDQPHQVWMLDQ7HFQQR\FRQXODQWQPHQVWMLDQ7HFQQR\FRQVHHSQMECHRIQDFXLDWFRQVHHSQVWMLYHDSQV

[illegible]

Element Materials Technology

Notification of Deviating Samples

Client Name: (36/MG

Matrix : Solid

Reference: 8. F

Location: 314 HUDY DQW

Contact: 0 LFKDHG-XGVRQ

[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.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.:

SOILS

3 0DMHQWZHDUHQ00&(576 DFFUHGVHGB. VLOPQOI RUDQORPQFO DQQRWKHUPDW[LVRXWLGRXUVFS HRPFHGVWVRQ

: KHUH DQ0 &(576 UHSRUMKV EHHQ UHTXHMWG RXZ L QEHQ RWHLKEZ L VLQ RX UVRID Q VDP SCH WMD WIDYHEHH QLGH QVLI IHOYE HL QJRXWVLGRXU 0 &(576 VFRSH\$ VY DQGVWRK DVE HHQS HUIRPH GR QF QD VDQDQ GOR PPRQ Q VDP SCH WMD WDUHSUH GRPLQ QVQ VHVDPWU LFRUFRPELQD WRQV RI WHP ZLOEH ZLMLQ RXU0 &(576 VFRSH, IVDPSCVD UHQ RVRQR I DF RPE LQWRQR I WMD ERYHP D WWHFWIKI Z L QRVIEHP D UNHD V0 &(576 DFFUHGVMG

,WV DWXP HG WDM RX KDYH WDHQ UHSUHVQMWH VDP SBN RQ WVM DQG UHTXUW DQDVMV RQ D UHSUHVQMWH VXEVDP S06 WRQHVZ L QHQHUDE H LQFGHGQCVVZHDUHTXVWHGVRUFRPHMHP

\$ QDPS CHZLOGB VFDGHQHPRQKD VHWKHGVIRUHSRUWQ XQMVZHDHLQVIXFVGVVRVFRQVDA

,IRKDYHQRMDQDGRQRHRSCHDVNQXVDSXFKDVHGHULIVKLVLVHTXUWBB RXUFSQ

: KHUHSSUSLUDVSDYHPDNH VXUHKDVRUGHMFWRQDPLWDUWK DGEH RI RUQHGLIWH DHQRMSCBQVLI\ XLPPEHNO

\$ QDQDVMV LV UHSRUMG RQ D GU ZHU KWEDMV XQDV WDMG RWHLZLVH LRL VR I GHVFRVQ RUDQDVMF DUHGR XVRQD VU HFHL YGV DPS QVD UHQ RW P RVWUH FRQMQRFRUHFVWG5 HVXOND UHQ RVXUUR DWF RUHFVGBD PSONDU HGJ LHEWf&" f& QCV VRKHU ZLVHWADW GRLWK UHFRQVQ WRU &(1/HDFKDVWWVWJHULHGV&"f&

: KHUQL QUDQORQDZLOVQ*UDHLVT XRWGWLVI HUVFRDQSLKDF&&

: KHUH2(1=(52+HDQSDFI9 2&VWVKDNEHHQDUHGRWDUDMRZVMWZVUHFHYGRLQDVEHQVH

\$ VEHWRVQEHVVR&QVQLQ QDMUD O\$QVGVHU FLQEE UHI HU QCFMR+67KH6UYH*XLGH\$ SSHQ[\$QVLQXLOGQIV QMGLQGHURIHDVRI LLEHDDH

6XIIHFHQPR XQVRVDSCHPXW HUHFLYGVREUURWKHMMVLQSHFI LHGKHUHQQKI ILE HQMFRQRI VDSKHNEHH QUHFLYGVK H VMVQID[QVPHVWKHFXLPHQVR I RXDFRUGLMPHVKRQDW XKDFUELVWLRQDA EHURYG

1HJDMYHIXWIDJQVRC3VHQLQ3DQXHDUREVQHQZKHQHYROXPHR1D2+1WUDV\$+L VJHDVHUNQHYROPHR +Q VRUGXFHVS+R VKNDSCHVS QQJDMYH3DQXVHFRUHFVGR

7KHDFQDVRQI3\LVVFRQMQDVXPHWKDWDQ[LGVECHXSKLGNUNHQLQMHVDPSCDHS ULVH7 KLVDAQVEVVFH7KFDQFQDWRQ PDAEDQYHUHVLVBN ZKHQRKHUXOSKGNXKDVGBULVHCU XPOSDWIDH SJHVCW

WATERS

3 0DMHQWZHDUHQV8. 'ULQLQ :DVHQS HVRVH : , \$SURVH D ERDVRU

,62 DFFUH GLVWLRQSSL HWRKU ID FZDVHU DQURXQ GZWHUDQXVXDQ Q RQHVKHU PDVL[ZKFK LVQD Q VLVSHE I LFDQVKHUO LXLGVH RXWGHFRUVFSRI FRUHLVWVRQ

\$ WUIDFZDVHUHTLHQI IHQVDPDSU HSDWLRQVRJRXQZVUWKHOFERDURVWELQ RUP HGRVKHDMUM SHZKQXPLWLQVDPDHY

: KHUQL QUDQORQDZLOVQ*UDHLVT XRWGWLVI HUVFRDQSLKDF&&

DEVIATING SAMPLES

\$ QVDP SBN VKRQEH VXEP VMG VR WH DERUDRU IQ VLVDEI FRQMLQV ZLV VXIIHFQVHF SDFN VR VXWDLQ DQ DSSURSUDM WHP SHUDMUH IRUWH UHTXHMWG DQDVMV7 KHWHPS HUVVHR I VPS QV HFLSVLV FRUGR QWKF RQ WDD WRQV FKHGQVL Q UGLMKNVKF QVQVQDQ DND QL QRPH G GHFMRQVZKHVKHUVHXLQVRQVWLQEHQVNDHQ

SURROGATES

6XUURJDMFRP SRXQV DUH DQGHG GXUQI WH SUHSDUVRQ SURFWVRP RQVRUHFHYHVI RI DQDVM+ RZHYHUQZU HFRYHUL QRLQ VR I MQGXHVS HDV FO RUMKHURJQF UFK P DMFHV RUZDVUWKLVF DQE HG XHVR [LGQVXU DWDQVRU DQFULE KHG LPHQVRU HPGL DWRQX LQSFH SVDECH QP VV IRUP RVRUJQF P HVRGV DUH DQ GI RU9 2&V DQ: KHQVX UR J DMU HF RYH ULHDUHX WLGHVSH UR UPRFH ULWHLBEXV WHDVFFLDVGB&SDWHWKLVDVRHVEH GXHVRVLL[HIIHV5HVQDHCVRUURJDMRUHFVGB

DILUTIONS

\$ GQVRQXI LQCFDMQLQVRQDEHQSHU RUPHQVH UHSRUMGHXOVVNHVVLVQVFRXQVRXVHUFQFQDWRQLVHTLHG

BLANKS

: KHUH DQDVMV KDYH EHHQ IRXQG IQ WH EQNVVH DPS QZ L QHWWIDVEL Q FFRQDQFHZ L VR XUODERUDVRS UFFHGXUH RUGHQIQZ L VF RQVPL QVGB EQQV

NOTE

' DMDLV RQD UHSRUMG LV WH DERUDRU LV FRQIGHQVMDVH GDMDLV D VHXUHQFVRQRI WH VDP SBN DQDVMG DMD VRQOUHSRUMED VDFUHLVGB KHQ DQMH UHTXUHP HQV RI RXU4 XDQV6\ WMP KDYH EHHQ P HMQ HMDQ LUBPV VQFHVZ KHUH QVHU HTXLUPH QVR I VEH XQVGB\ WMPK DYHQRVIEHQ P HVRULQVDFH IWKD VFFLDVGB 4&K DVI DQBVKHU DVRQLV IX QDQYMWLDVHGBQ GGR FXPHQVHGKHVDP SCH GVDLVVIKI QYD QXMGOR QVLGH WHPVHUTDQWRQVRKHNVSU RUPHGU LQDQDVLVVRGVRUHLVWL VEDQV RQZIQMLHYDQWRQSRYLGHMNPSCUHXOVKDFQV EHHQ HIIHMGVKG DMD VHSRUMEE XVDFFUHLQVRQL V HPR YHG WVB . \$6UH TXLUHQQW RUEDVQR WUHSRUMGV DF FUGLVGR EH FR QVLGHG LQCFDMHFRQEXWKLVGRVPHQVGB DMDQVRMDQG

: KHUH SRMEQDQL UHTXHMVGDPSONZL QGHUH H WDFMGQD DUH YLVHGS RVLVXKGLWKBF UGLVHGVXOV3DDVGRQRVK HMLVDMVRFR QVDFW WHDERUDVRLIIXVHGHMDQDUHTLUGRI VHFUFRVQVZK LKKDYHOGVWKUHPROORDFUGVND VLRQ

REPORTS FROM THE SOUTH AFRICA LABORATORY

\$ Q PH WRGQPEH UQPSUHL[HZLVK\$ KVEIHQZQGWDNHL QRXS. CDEUDRUX QDVUHSRMEVXEFRQUDFNG

Measurement Uncertainty

0 HDXUHP HQMFHMD QVGH L QVWKHDQRI YDQXWKDVFRCUHVRCDEHDDWULEBNGRMMHDXUGXQVMM 7KLVDQHRH YDQKDVQV
EHHLQOGHGGZLVKQMMHSRWHGUVXOV8QFUMQW H[SUVHGVDSHUFHQDHFDEHSURYLGHGSRQHTXHW

ABBREVIATIONS and ACRONYMS USED

	,62 8. \$65H1 RDFUHQVH\$
6 \$	,62 6\$1\$6\$H 1 R7 DFF UHG W66RXW\$ ULFD
%	,QGLFDMVQDCOVH RQGL QDVFFLDWHBHWK\$ EODQN
' 5	' LQVRQUTXLWG
0	0 & (5 7 6 DFFUHLWG
1 \$	1 RMBQDECH
1 \$'	1 R\$VEHWR' HMFVHG
1'	1 RQHWWFVGXDOO UHWRQ2&G 9 2 &, &V
1' 3	1 RHWUL QVRQBRVLEB
66	&DQEDMGJDLQVNLQOMXVQCFH
69	6XURJDMUFYHJRXWLG\$HURDQF HFULWUD7KVPD EKHWRPDM[HI HFW
:	5 HXOM[SUVHGRQVHFHYHGEVLV
	\$4 &IDLQHDFFUHLVMDRQDVEHQHPRYH U RPVKLVHV XVM DSSURSDWH 1RWRQ\$UPLRXSDJH
!!	5 HXOMERYHFID EDW/RDQMKHUNKONKRXCEFRQVGHU\$WKRLQXPDOKH 7KH FWXDOHMXQFRXCEVLJD LFDQ KLKHUMVUXOMVQDFFUHLWG
	\$QDOVAXEFRQVFWGVQZCHHQD DWWL DQ7HFQRJR\ DSSURYHODEUDWV
\$'	6 DP SOMBHGLHEW&"/&
&2	6XSHFVGFUVRHU
/ 2' /25	/ LP WR' HMFVLRQLPWR HSRUQJLQQHZN6DQG &5 6
0 (	0 DM[(I HFW
1)'	1 R)LEH' HMFVHG
%6	\$4 &DPS CH
/ %	%DQDPS CH
1	&HQDPS CH
7%	7USQDNDPSOH
2 &	2 XMGHDCEDWRQDQH

HWOL ACRONYMS AND OPERATORS USED

+ 6	+ HDGVSDFHQDQMLV
(+	([WDFWEDH GUFFDUEQVLHFW VLQTH WDFWGEVWHROHQW
&8	&@DQSHETCRULV OXDFJH
'	* &@Q @FRQDWRPDRUD SK
7RND	\$@SKDWFV\$URFDWLFV
\$/	\$@SKDWFVRQ
\$5	\$URP DWFVRQ
'	* &*&' @EDHFRQDWRPDRUDS KI
	(+ B7RNDCKVZVW&RL FV H WDFWNG
	(8 B7RNDCKVZVW&DWBELGH WDFWNG
B	2 SHUDRUQ@HUFRUHFWHSDWHDURQPMH FHS WVRQ RU
	2 SHUDRUQL@FDVFXCD WYH@ (+@B7RNDORU(+B&@B7RND O
0 6	0 DW@SHFWPH WU

EMT Job No:

7 HMFH VWRGLR	' HMFUSMRO	3 UHSOH VWRG 1 RU DSSURSUDMH	' HMFUSMRO	.62 8 \$66 \$1\$6	0 & (5 76 8 VROV RQD	\$ QDOVLVGRQH RQV/SHF HLYH6 \$5 RUULHG \$	5 HSRUIMGRQ GU ZHLJKW EDMV
30	* UDYP HMFPH DVXUHPH QVRLOM UDOFRWVXUHRQVQVDOQROVVKUH &R QNQVQVIL VKHU f &R J f &8DFXOD VRCVMBRQ 6Z DQ3/6	30	1 RSUHSUDVRL VHTX UHG			\$5	
70	0 RQUHG6 (3\$ ' YPHVKRG RVKHMRO YHQVH[WOFMRQDQG HMFPLQVLRQ 3\$ + VE * 8 6	30	(QGRYHUHQH[WOFMRQ VROGDRSHI R URUQDFQD VLVKHVRQVQL[YDLW GHSHQGQ RQDQ VLVHTX UHG			\$5	Yes
70	0 RQUHG6 (3\$ ' YPHVKRG RVKHMRO YHQVH[WOFMRQDQG HMFPLQVLRQ 3\$ + VE * 8 6	30	(QGRYHUHQH[WOFMRQ VROGDRSHI R URUQDFQD VLVKHVRQVQL[YDLW GHSHQGQ RQDQ VLVHTX UHG	<HV		\$5	Yes
70	0 RQUHG6 (3\$ ' YPHVKRG RVKHMRO YHQVH[WOFMRQDQG HMFPLQVLRQ 3\$ + VE * 8 6	30	(QGRYHUHQH[WOFMRQ VROGDRSHI R URUQDFQD VLVKHVRQVQL[YDLW GHSHQGQ RQDQ VLVHTX UHG	<HV	<HV	\$5	Yes
70	0 RQUHGYPHMKR RVKHH VUPLQVLRQ VROHQV[WOFVDEBHMROHP + \ GURFDERQ(3 ZL WL QVHQ H8E * 8), ')RUZDWHV VKHVRHQV[WOFW GVVROHGSKDVHSDVHQLI SUPHQ	30	) UDFVRCVNRQVROD SDVLRQDURDF I UDFVRCVNLQDSDGUDF H63			\$5	
70	0 RQUHGYPHMKR RVKHH VUPLQVLRQ VROHQV[WOFVDEBHMROHP + \ GURFDERQ(3 ZL WL QVHQ H8E * 8), ')RUZDWHV VKHVRHQV[WOFW GVVROHGSKDVHSDVHQLI SUPHQ	30 30	(QGRYHUHQH[WOFMRQ VROGDRSHI R URUQDFQD VLVKHVRQVQL[YDLW GHSHQGQ RQDQ VLVHTX UHGUDVNRQVRCVROD SKDVDEQDDEVLH UDF VRCVNLQD 5 DSGUDFH63			\$5	Yes
70	0 RQUHGYPHMKR RVKHH VUPLQVLRQ VROHQV[WOFVDEBHMROHP + \ GURFDERQ(3 ZL WL QVHQ H8E * 8), ')RUZDWHV VKHVRHQV[WOFW GVVROHGSKDVHSDVHQLI SUPHQ	30 30	(QGRYHUHQH[WOFMRQ VROGDRSHI R URUQDFQD VLVKHVRQVQL[YDLW GHSHQGQ RQDQ VLVHTX UHGUDVNRQVRCVROD SKDVDEQDDEVLH UDF VRCVNLQD 5 DSGUDFH63	<HV		\$5	Yes
70	0 RQUHGYPHMKR RVKHH VUPLQVLRQ VROHQV[WOFVDEBHMROHP + \ GURFDERQ(3 ZL WL QVHQ H8E * 8), ')RUZDWHV VKHVRHQV[WOFW GVVROHGSKDVHSDVHQLI SUPHQ	30 30	(QGRYHUHQH[WOFMRQ VROGDRSHI R URUQDFQD VLVKHVRQVQL[YDLW GHSHQGQ RQDQ VLVHTX UHGUDVNRQVRCVROD SKDVDEQDDEVLH UDF VRCVNLQD 5 DSGUDFH63	<HV	<HV	\$5	Yes
70 70	SBIDVHUI HMDQDQ70 RUPHMKRGMQ OV	30 30 0	SBIDVHUI HMDQDQ30 DQ30 I RUPHVRG GHMLQV			\$5	Yes
70 70	SBIDVHUI HMDQDQ70 RUPHMKRGMQ OV	30 30 0	SBIDVHUI HMDQDQ30 DQ30 I RUPHVRG GHMLQV	<HV		\$5	Yes

EMT Job No:

7HMH WRGLR	' HMFUSWRQ	3 UHSH WRG 1 RU DSSUSUDM	' HMFUSWRQ	,62 8 \$66 \$1\$6	0 & (5 76 8 VRO/ RQD	\$ QDVMRQH RQ/5HF HLYH \$ RUULH \$	5 HSRUMGR GU ZHLJW EDMV
30	\$ YXDOHPLQDWRQ VHWOLGDSDHVF DUJGRVWRDFHMDQTPSCHFNKS FRBXUJGDQ RWHUHQOVLQ/VKLVLVQRDWRMFQDGOYFULSVLRQ	30	1 RSJHSDUDWRQLVHTLUHG			\$5	No
70	0 RGLIHG6 (3\$%4XDQMVDMYH HWHUPLQWRQ GRQDVOHULQLF &RP SRXQGV9&VE\ #DG5DFH* &06	30	0 RGLIHG6 (3\$PHWRQ\$Y3UHSUDWRQR VROGDQGLTXGVPSBWRP& KHOGVSDFHQDQVLV			\$5	Yes
70	0 RGLIHG6 (3\$%4XDQMVDMYH HWHUPLQWRQ GRQDVOHULQLF &RP SRXQGV9&VE\ #DG5DFH* &06	30	0 RGLIHG6 (3\$PHWRQ\$Y3UHSUDWRQR VROGDQGLTXGVPSBWRP& KHOGVSDFHQDQVLV	<HV		\$5	Yes
70	0 RGLIHG6 (3\$%4XDQMVDMYH HWHUPLQWRQ GRQDVOHULQLF &RP SRXQGV9&VE\ #DG5DFH* &06	30	0 RGLIHG6 (3\$PHWRQ\$Y3UHSUDWRQR VROGDQGLTXGVPSBWRP& KHOGVSDFHQDQVLV	<HV	<HV	\$5	Yes
70	0 RGLIHG6 (3\$' Y4XDQMVDMYHGHWHUPLQWRQ GHPI9FDWLQDULQLF FRP SRXQGV9&VE\ *06	30	(QGRYHUQH WGRWRQR VROGDSDHVR URUQDQDQ VLVKHVRMYQL YDLN GSHQGQRQDQD VLVHTLUHG			\$5	Yes
70	0 RGLIHG6 (3\$' Y4XDQMVDMYHGHWHUPLQWRQ GHPI9FDWLQDULQLF FRP SRXQGV9&VE\ *06	30	(QGRYHUQH WGRWRQR VROGDSDHVR URUQDQDQ VLVKHVRMYQL YDLN GSHQGQRQDQD VLVHTLUHG	<HV	<HV	\$5	Yes
70	0 RGLIHG6 (3\$PHWRQ\$Y HWHUPLQWRQR VSHFLF GRORUQDWHG %LSKHQ GRQHQHVA* &06	30	(QGRYHUQH WGRWRQR VROGDSDHVR URUQDQDQ VLVKHVRMYQL YDLN GSHQGQRQDQD VLVHTLUHG	<HV		\$5	Yes
70	0 RGLIHG6 (3\$7' 676* UDLPHWUFGHMDPLQWLQR 7RMDL WROHG6ROLGRMDGRGV	30	1 RSJHSDUDWRQLVHTLUHG			\$5	Yes
70	0 RGLIHG6, 62' HWHUPLQWRQR 7RMDQJ DQF &DWR QD 7RMDQ UERQELFRFXV VLRQDQDMDZ &XQF HQDQ VHUQVKSHUHQH R\ JHQ 7KH2 J HQDQVHVTXQML LHQDQIQI DWHGHMWRQUDQDQDMDU 620 FDGXQMGVSHU(\$Q(5' 6 &KHPIFDQ7 HWIQ RI QDQDUKY	30	' UHGQJ URQGVROGDPSCHV DWHZVHGLVKKI GRORULFDLQVQLQKZWK GHERQVHGZVWUWHRYH VKHQHUD QDWRQH RUH2&QDQVLV			\$'	Yes
70	0 RGLIHG6, 62' HWHUPLQWRQR 7RMDQJ DQF &DWR QD 7RMDQ UERQELFRFXV VLRQDQDMDZ &XQF HQDQ VHUQVKSHUHQH R\ JHQ 7KH2 J HQDQVHVTXQML LHQDQIQI DWHGHMWRQUDQDQDMDU 620 FDGXQMGVSHU(\$Q(5' 6 &KHPIFDQ7 HWIQ RI QDQDUKY	30	' UHGQJ URQGVROGDPSCHV DWHZVHGLVKKI GRORULFDLQVQLQKZWK GHERQVHGZVWUWHRYH VKHQHUD QDWRQH RUH2&QDQVLV	<HV		\$'	Yes

EMT Job No:

7HMH WRGLR	' HMFUSWRQ	3 UHSH WRG 1 RU DSSURSUDM	' HMFUSWRQ	,62 8 \$66 \$1\$6	0 & (5 76 8 V RLO/ RQD	\$ QDQVLRQH RQV/5HF HLYH \$ RUULHG \$	5 HSRUIMGRQ GU ZHLJKW EDML
70	0 RGLIHG6* UDYLPHMLFGVHUIQDWRQ / RVR QJ QVLRQEVHPSHVDUH FRQMRQGX I I QXQDFH&ZQHT XHVPRL H670' / 2& &	30	1 RSJHSDUDWRQLVHXLHG	<HV		\$'	Yes
70	' HMLP IQDWRQR SHQROVE 9HYU VH3KDM6+LJK3HUIRUPQHA LT XLG &KURP DMJUDSK I QX QHVRKHP LFD OHMF WRQ	30	1 RSJHSDUDWRQLVHXLHG			\$5	Yes
70	' HMLP IQDWRQR SHQROVE 9HYU VH3KDM6+LJK3HUIRUPQHA LT XLG &KURP DMJUDSK I QX QHVRKHP LFD OHMF WRQ	30 %	\$ VSHFLYHG/PSO HNDH (VDFWGL QHNDQ QDVHUBH FLSURDOKDNH			\$5	Yes
70	' HMLP IQDWRQR 7DFH0HMD OE, &2(6 QXFWMD &RSH3DVPD2SW/EO (P DMRQSHFWPH VW: \$5 6E 0 RGLIH G6\$0HWKRGS PY 0 RGLIHG3\$0HWKRGS PY HFO RL I L66 1, 62 62 / 6 E ORGLI I66(3	30	\$ FGGJHVRQRIQH QDGRX @ARLGDPBNVL QSTDSB LDWH OX HGDY& 6 DP SBMRQV Q Q D E H W R D U Q R W L H Q S U R Q G			\$'	Yes
70	' HMLP IQDWRQR 7DFH0HMD OE, &2(6 QXFWMD &RSH3DVPD2SW/EO (P DMRQSHFWPH VW: \$5 6E 0 RGLIH G6\$0HWKRGS PY 0 RGLIHG3\$0HWKRGS PY HFO RL I L66 1, 62 62 / 6 E ORGLI I66(3	30	\$ FGGJHVRQRIQH QDGRX @ARLGDPBNVL QSTDSB LDWH OX HGDY& 6 DP SBMRQV Q Q D E H W R D U Q R W L H Q S U R Q G	<HV	<HV	\$'	Yes
70	' HMLP IQDWRQR 7DFH0HMD OE, &2(6 QXFWMD &RSH3DVPD2SW/EO (P DMRQSHFWPH VW: \$5 6E 0 RGLIH G6\$0HWKRGS PY 0 RGLIHG3\$0HWKRGS PY HFO RL I L66 1, 62 62 / 6 E ORGLI I66(3	30	0 RGLIHGH WRG/6 1 \$UHFHLYHGRLGDPNDHCHFKELWZ DMU IQZDVHVR/RLDUM/RUBUWHRWVXHFQWRI V HZPSCHML QEXGBEQ WHUWR	<HV		\$5	Yes
70	0 RGLIHG6 (\$ PHW R9H' HNHUPL QWRQR 'DY RQ QI SDQJLUDQF V '5 2 L QWFRDERQHOL QWQ HR & KHDG/SF H'&,' 07% E I * &),' IR HDMVZ VPHW CSQDQHU SUHQDQV/KH H RUFDQ LYHIDOVHSLWYBRLWYH 0 7%(UWXOZLOQBHUQXQI)*&6VRQX EDHREHFKHQHTXHWG	30	0 RGLIHG6 (\$ PHW R9Y3HSDUDWRQ VRIQDQGLTXG/PSBMRP& KHDG/SDFHQDMLV			\$5	Yes
70	0 RGLIHG6 (\$ PHW R9H' HNHUPL QWRQR 'DY RQ QI SDQJLUDQF V '5 2 L QWFRDERQHOL QWQ HR & KHDG/SF H'&),' 07% E I * &),' IR HDMVZ VPHW CSQDQHU SUHQDQV/KH H RUFDQ LYHIDOVHSLWYBRLWYH 0 7%(UWXOZLOQBHUQXQI)*&6VRQX EDHREHFKHQHTXHWG	30	0 RGLIHG6 (\$ PHW R9Y3HSDUDWRQ VRIQDQGLTXG/PSBMRP& KHDG/SDFHQDMLV	<HV		\$5	Yes
70	0 RGLIHG6 (\$ PHW R9H' HNHUPL QWRQR 'DY RQ QI SDQJLUDQF V '5 2 L QWFRDERQHOL QWQ HR & KHDG/SF H'&),' 07% E I * &),' IR HDMVZ VPHW CSQDQHU SUHQDQV/KH H RUFDQ LYHIDOVHSLWYBRLWYH 0 7%(UWXOZLOQBHUQXQI)*&6VRQX EDHREHFKHQHTXHWG	30	0 RGLIHG6 (\$ PHW R9Y3HSDUDWRQ VRIQDQGLTXG/PSBMRP& KHDG/SDFHQDMLV	<HV	<HV	\$5	Yes
70	6 RQEGH RQDQ VLVQI'LVU MVGQDVHURGLI H66(3PHWRQ/K Q UGH 6XSKD6 HFGKRV3KDM5H7 21 SHYLVWLVH HJUSBY\$CO DQRQVPS DUEONH6,62 O	30	1 RSJHSDUDWRQLVHXLHG	<HV		\$5	Yes

EMT Job No:

7HMH WRGLR	' HMFUSWRQ	3 UHSH WRG 1 RU DSSURSUDM	' HMFUSWRQ	,62 8 \$66 \$1\$6	0 & (5 76 8 VROV RQD	\$ QDQVLRQH RQV/SHFLYH \$ RUULHG \$	5 HSRUIMGRQ GU ZHLJW EDMLV
70	6 R0EGH, RDQDQ, VVXMQI' LVU MW6QD VHUUGLIHG 86 (3PHMRQ & KQR ULGH 6XOSKQNS HFR3KRV/3KDW5H7 21 SHY1LVVLWH+HJUS\$4Y\$500 DQRQVFP\$ DUDECHW6,620	30	([WDFWRQR QILHGO3 URQQRUDVUHFLYH6DP\$H-VZLVK GH LRQ V6ZDWUL Q Z DMUWR/RL QDMRWL Q DWFISURFDYHONHURUDCCQD VWFHSHW DDOHQV FKURP IXP ([WJWVLRQ DWFH-YHG/PSCHVL QUDVLRU OVRG XKIGR LGMR VRDQRM DDOHQVFKRPLXP XVL Q DWFISURFDYHONHU	<HV	<HV	\$'	Yes
70	6 R0EGH, RDQDQ, VVXMQI' LVU MW6QD VHUUGLIHG 86 (3PHMRQ & KQR ULGH 6XOSKQNS HFR3KRV/3KDW5H7 21 SHY1LVVLWH+HJUS\$4Y\$500 DQRQVFP\$ DUDECHW6,620	30	([WDFWRQR QILHGO3 URQQRUDVUHFLYH6DP\$H-VZLVK GH LRQ V6ZDWUL Q Z DMUWR/RL QDMRWL Q DWFISURFDYHONHURUDCCQD VWFHSHW DDOHQV FKURP IXP ([WJWVLRQ DWFH-YHG/PSCHVL QUDVLRU OVRG XKIGR LGMR VRDQRM DDOHQVFKRPLXP XVL Q DWFISURFDYHONHU			\$5	Yes
70	6 R0EGH, RDQDQ, VVXMQI' LVU MW6QD VHUUGLIHG 86 (3PHMRQ & KQR ULGH 6XOSKQNS HFR3KRV/3KDW5H7 21 SHY1LVVLWH+HJUS\$4Y\$500 DQRQVFP\$ DUDECHW6,620	30	([WDFWRQR QILHGO3 URQQRUDVUHFLYH6DP\$H-VZLVK GH LRQ V6ZDWUL Q Z DMUWR/RL QDMRWL Q DWFISURFDYHONHURUDCCQD VWFHSHW DDOHQV FKURP IXP ([WJWVLRQ DWFH-YHG/PSCHVL QUDVLRU OVRG XKIGR LGMR VRDQRM DDOHQVFKRPLXP XVL Q DWFISURFDYHONHU	<HV		\$5	Yes
70	\$ FLGRQEQVXGSHVHRMD6XOSDWBQDQ VHEA, &32(6	30	\$ HRVKGURFKORLLRBLGGJ HMMVSHIRUPHQRG ULHEDQLRQGDPSQDQVH UHVXQDQ QDKRLVQDQ VHG	<HV	<HV	\$'	Yes
70	7 & 2 & DQDQ VVR:DMU V6 #LJ7HP SHUDXU H8P8XWRQ ROOZHG1',5 GHMFWRQD/HGRQMHIRQGL QPRGI LH GVDQDQPHMVRG/6 (\$5\$ \$3+\$50 (: : % QX GLWRQ\$670' DQ86(\$	30	1 RSJHSDUDWRQ VHTXUHG			\$5	Yes
70	\$ VEHMRVXQNGQMLIIBVLRPHM RQEDVHRQ+6' LVU VHGVLVRQ	30	0 RGLHGB\$ %QXHRN9GLD VQGSQV6 VLVRQ6RQ6 V DISCH XQGHU RQWRURX KYLXQD QHFWLRQRDNEHMRM LEHVSURVQVQVVRGQVLI IEDMRQ XVLQJ 70	<HV		\$5	
70	0 RGLHGB (3\$PHMVRQDQ5HYQ96 ' HWHUPLQWRQR IS+BDHMRQD XVRQ VMSUR EHQDQ\ VHU	30	([WDFWRQR DQFLHYGROLG/BSGX VHQQRHSDUWROGVSRUWVRQVHGQVU	<HV	<HV	\$5	No
70	0 RGLHGB (3\$PHMVRQ2, \$ HWHUPLQWRQRIDQLGHE\ QZ QVHMRQ \$ QDQVHURH H \$ R DQGHVQVHURULH6V LJDQ6VSDIFPHQDMSLVF DUUHGXRW EHIRHQDQVLV	30	\$ VUFLHYG/RL QDPSCH VDIH WDFVWZLWQD2EVRU E VQVQDNHU R8LQGH 6XOSKQHGQ7KLR DQVHQRDQ VLV	<HV	<HV	\$5	Yes
70	\$ QDQVLR IORULQEA, 6(, RQ6H8FVYHCHVRGHXLRQPRGLHG6(P HMRG (3\$	30	1 RSJHSDUDWRQ VHTXUHG			\$5	Yes
1 2 1 (	1 RQ HVRG&RSH	1 2 1 (	1 RQ HVRG&RSH			\$'	Yes

EMT Job No:

7HMH WRGLR	' HMFUSWRQ	3 UHSH WRG 1 RU DSSURSUDIM	' HMFUSWRQ	,62 8 \$66 \$1\$6	0 & (5 76 8 VRO/ RQD	\$ QDVMRQH RQV/5HF HLYH6 \$ RUULH6 \$	5 HSRUIMGRQ GU ZHLJKW EDMV
1 2 1 (	1 RQH WRG&RGH	30	* UDMF HMIEFH DXUHPH QWRLOUDDFRWVXUHRQVQWDQDRLVXUH & QMQDVMH VKHU f &RU /&DDFXODWRQEDVGRQ67, DQD96			\$5	
70 B\$	0 RGLUHGB (3 \$ %MXDQVMDMYH HHLUPLQWRQ GRQWLOHULQLF &RP SRXQG9LQO&GRUIG+6VUHQH6++HGGSDH+ &06	30	0 RGLUHGB (3 \$ PHV RQ\$Y3UHSUDWRQV VRIGDQGLTXGVPSBVRP& KHGGVSDFHQDQMLV			\$5	Yes

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



Attention :	Daryl Bowell
Date :	1st March, 2021
Your reference :	UK20.5052C-5001
Our reference :	Test Report 21/2478 Batch 1
Location :	Pfizer Havant
Date samples received :	23rd February, 2021
Status :	Final report
Issue :	1

Twelve samples were received for analysis on 23rd February, 2021 of which eleven 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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell
EMT Job No: 21/2478

Report : Gas

[illegible]

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS01
Depth:
EMT Job No: 21/2478
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 609 0.45
Sample Train Serial number: ST-68

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		159	299.6	<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		<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		1.8	5.6	<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		4.3	15.2	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Howell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS01
Depth:
EMT Job No: 21/2478
EMT Sample No: 1
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 609 0.45
Sample Train Serial number: ST-68

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		18.2	68.6	<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)		2.3	15.6	<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		204.6	449.6				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		103%		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		500	1656	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		23	122	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS02
Depth:
EMT Job No: 21/2478
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 587 0.45
Sample Train Serial number: ST-69

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		6	14	<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)		<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		6	32.7	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS02
Depth:
EMT Job No: 21/2478
EMT Sample No: 2
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 587 0.45
Sample Train Serial number: ST-69

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)		1.7	9.1	<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		<1.5	<5.7	<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)		5.5	37.3	<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		<1.5	<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		19.2	93.1				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		100%		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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS07
Depth:
EMT Job No: 21/2478
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 611 0.45
Sample Train Serial number: ST-63

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		<6	<14	<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)		<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS07
Depth:
EMT Job No: 21/2478
EMT Sample No: 3
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 611 0.45
Sample Train Serial number: ST-63

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		2.6	9.8	<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		4.3	21.3				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		99%		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: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Canister Serial number: QT 611 0.45
Sample Train Serial number: ST-63

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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS08
Depth:
EMT Job No: 21/2478
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 635 0.45
Sample Train Serial number: ST-221

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		111	209.1	<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		27	64	<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)		<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS08
Depth:
EMT Job No: 21/2478
EMT Sample No: 4
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 635 0.45
Sample Train Serial number: ST-221

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		3.6	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		141.6	286.7				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		102%		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: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Canister Serial number: SQT 635 0.45
Sample Train Serial number: ST-221

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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS09
Depth:
EMT Job No: 21/2478
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 612 0.45
Sample Train Serial number: ST-64

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		21	50	<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)		<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS09
Depth:
EMT Job No: 21/2478
EMT Sample No: 5
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 612 0.45
Sample Train Serial number: ST-64

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		4.8	18.1	<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)		<1.5	<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		25.8	68.1				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		102%		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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS10
Depth:
EMT Job No: 21/2478
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 610 0.45
Sample Train Serial number: ST-226

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		<6	<14	<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)		<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		2	6.4	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS10
Depth:
EMT Job No: 21/2478
EMT Sample No: 6
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 610 0.45
Sample Train Serial number: ST-226

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		25.1	94.6	<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)		1.7	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		19.3	83.8	<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		3.1	13.2	<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		5.9	25.6	<1.5	<1.5	<6.5	<6.5
108-67-8	120.2	# 1,3,5-Trimethylbenzene		1.7	8.4	<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		2.8	13.8	<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		63.1	257.3				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		103%		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		2243	7431	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		20	106	<10	<10	<53	<53

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Canister Serial number: QT 610 0.45
Sample Train Serial number: ST-226

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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS11
Depth:
EMT Job No: 21/2478
EMT Sample No: 7
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 482 0.45
Sample Train Serial number: ST-522

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		<6	<14	<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)		<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS11
Depth:
EMT Job No: 21/2478
EMT Sample No: 7
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 482 0.45
Sample Train Serial number: ST-522

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		<1.5	<5.7	<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)		1.9	12.9	<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		1.9	12.9				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		100%		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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS12
Depth:
EMT Job No: 21/2478
EMT Sample No: 8
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 852 0.45
Sample Train Serial number: ST-506

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		11	25.2	<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		10	24	<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)		28	83	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS12
Depth:
EMT Job No: 21/2478
EMT Sample No: 8
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 852 0.45
Sample Train Serial number: ST-506

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		1.9	7.2	<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)		2.2	14.9	<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		53.1	154.3				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		99%		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		19	101	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS13
Depth:
EMT Job No: 21/2478
EMT Sample No: 9
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 800 0.45
Sample Train Serial number: ST-194

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)		<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)		31	91	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS13
Depth:
EMT Job No: 21/2478
EMT Sample No: 9
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 800 0.45
Sample Train Serial number: ST-194

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		2.1	7.9	<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)		4.3	29.2	<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		50.4	159.1				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		100%		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		12	40	<10	<10	<33	<33
	100	Aliphatic >C6-C8		<10	<41	<10	<10	<41	<41
	130	Aliphatic >C8-C10		15	80	<10	<10	<53	<53

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS14
Depth:
EMT Job No: 21/2478
EMT Sample No: 10
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 593 0.45
Sample Train Serial number: ST-512

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		6.4	14.7	<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		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		<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)		23	68	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS14
Depth:
EMT Job No: 21/2478
EMT Sample No: 10
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: QT 593 0.45
Sample Train Serial number: ST-512

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		4.8	18.1	<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)		11.5	78	<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		93.7	292.8				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		100%		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		16	53	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS15
Depth:
EMT Job No: 21/2478
EMT Sample No: 11
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 576 0.45
Sample Train Serial number: ST-524

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		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		<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		9	21	<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)		13	38	<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: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

Sample Date: 18 Feb 2021
Date of Receipt: 23 Feb 2021
Date Analysed: 1 Mar 2021

Sample ID: WS15
Depth:
EMT Job No: 21/2478
EMT Sample No: 11
Matrix: Air
Method: TM68 VOCs in gases (GC-MS)

Canister Serial number: SQT 576 0.45
Sample Train Serial number: ST-524

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		2.5	9.4	<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)		2.9	19.7	<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		29.7	93.4				
460-00-4		4-Bromofluorobenzene Surrogate Recovery		100%		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]

Element Materials Technology

Method: VOC

Matrix: Gas

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]

Client Name: EPS Ltd
Reference: UK20.5052C-5001
Location: Pfizer Havant
Contact: Daryl Bowell

[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.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 21/2478

SOILS

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above calibration range, the result should be considered the minimum value. The actual result could be significantly higher, this result is not accredited.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

HWOL ACRONYMS AND OPERATORS USED

HS	Headspace Analysis.
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent.
CU	Clean-up - e.g. by florisil, silica gel.
1D	GC - Single coil gas chromatography.
Total	Aliphatics & Aromatics.
AL	Aliphatics only.
AR	Aromatics only.
2D	GC-GC - Double coil gas chromatography.
#1	EH_Total but with humics extracted.
#2	EU_Total but with fatty acids extracted.
_	Operator - underscore to separate acronyms (exception for +).
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry.

EMT Job No: 21/2478

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/S ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM68	Modified TO-15 method. Volatile Organic Compounds (VOCs) sampled using Gas Canisters, BottleVacs or Tedlar bags and analysed using Entech GC-MS.	PM0	No preparation is required.				
TM68	Modified TO-15 method. Volatile Organic Compounds (VOCs) sampled using Gas Canisters, BottleVacs or Tedlar bags and analysed using Entech GC-MS.	PM0	No preparation is required.	Yes			
TM69	Analysis of gas samples by direct injection onto a Gas Chromatography (GC) column and analysed using a Flame Ionisation Detector (FID) or a Thermocouple Detector (TD)	PM0	No preparation is required.				
TM119	Determination of hydrogen sulphide using Gerhardt Steam distillation followed by Impact Pro Multi Gas Detector.	PM0	No preparation is required.				

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



Attention :	Daryl Bowell
Date :	26th February, 2021
Your reference :	UK20.5052C-5001
Our reference :	Test Report 21/2399 Batch 1
Location :	Pfizer Havant
Date samples received :	20th February, 2021
Status :	Final report
Issue :	1

Sixteen samples were received for analysis on 20th February, 2021 of which sixteen 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: (36/MG
Reference: 8 . &
Location: 3 IJ HUDYDQW
Contact: ' DU ORZHOO
EMT Job No:

Report : Liquid

Liquids/products:9POYLD O JOVE RVMB SOWARVMB
+ + 62 ==Q\$F1 12++1 +1

EMT Sample No.													
Sample ID	%+ %+	%+ * \$	%+ * \$ \$%	%+ * \$ %* \$	\$ %+*	\$ \$ %+* \$%	+						
Depth													
COC No / misc													
Containers	9+3+6/13*9+4+6/13	/ 13*9+4+6/13	+3+6/13 9+4+6/13	3*		9+4+6/13	9+3+6/13*9+4+6/13	/ 13*9+4+6/13				9+4/3	
Sample Date													
Sample Type	* URXQGD WBU	URXQS DVHJL	RXQS DM UUF	XQS DMUJ * URX	QG DMUJ URX	G: DMUJU RQ	: DMUJ UR XQS	DMUJ UR QSD	WBU URQ GDMUJ				
Batch Number													
Date of Receipt													
											12' /25	8 QW	0 HMRG 1R
* LVRQHGJUNHLE #	XJO												70 30
* LVRQHGJGGLXP #	XJO												70 30
* LVRQHGJGJCEP #	PJO												70 30
7RMDL WROFG&KURRLXP #	XJO												70 30
* LVRQHGJRSSHU #	XJ	O											70 30
* LVRQHGJHJG #	XJ	O											70 30
* LVRQHGJGJQHMLP #	PJO												70 30
* LVRQHGJHURXU #	XJ	O											70 30
* LVRQHGJL IHO #	XJ	O											70 30
* LVRQHGJRVDMLP #	PJO												70 30
* LVRQHGJHJQLP #	XJ	O											70 30
* LVRQHGJRCLP #	PJO												70 30
* LVRQHGJLQ #	X	J	O										70 30
3\$+G													
1DSKWDQJH #	XJO												70 30
\$FHQDSKVM QJH #	XJO												70 30
\$FHQDSKVMHJH #	XJO												70 30
) QRUHJH #	XJO												70 30
3KHQDQMUHJH #	XJO												70 30
\$QMUJFHJH #	XJO												70 30
) QRUJQMUHJH #	XJO												70 30
3\UHJH #	XJO												70 30
%HJQ RQDQKUDFHJH #	XJO												70 30
&KUVHJH #	XJO												70 30
%HJQ RENI QRUJQKJH #	XJO												70 30
%HJQ RDS\UHJH #	XJO												70 30
,QGHQFQGS\UHJH #	XJO												70 30
* LEHJQ RQDQKUDFHJH #	XJO												70 30
%HJQ RJLSUA QJH #	XJO												70 30
3\$+7RMD #	XJO												70 30
%HJQ RENI QRUJQKJH	XJO												70 30
%HJQ RENI QRUJQKJH	XJO												70 30
3\$+6XURJDMHSHF RYHU													70 30
92 &7, &/	1'	1'	1'	1'	1' 3	1'	1'	1'	1'	1'		1 RQ	70 30
0 HMR QHUMDA%WV QVHU #	1' 3X	JO											70 30
%HJQ HJH #	1' 3X	JO											70 30
7RQJHJH #	1'	3X	JO										70 30
(V\ QHJQ HJH #	1'	3X	JO										70 30
P\$ \QHJ #	1'	3X	JO										70 30
R\ QJH #	1'	3X	JO										70 30
6XURJDMHSHFRYHU7RQJHJH	1' 3												70 30
6XURJDMHSHFRYHU%RRICK RUEJQHJH	1' 3												70 30

3 QDMVH-HDMWK-HGQRMVIRUDD
DEEUHYDMRQVQGDURQ PV

Element Materials Technology

Client Name: (36/MG
Reference: 8 . &
Location: 3 IJ HUDYDQW
Contact: ' DU ORZHO
EMT Job No:

Report : Liquid

Liquids/products:9POYLD O JOVE RVMB SOWARVMB
+ + 62 ==Q\$F1 12++1 +1

EMT Sample No.													
Sample ID	%+ %+	%+ * \$	%+ * \$ \$+	%+ * \$ %* \$	\$ %+*	\$ \$ %+* \$ %	+						
Depth													
COC No / misc													
Containers	9+ 3+ 6/13* 9+ 4 4	/ 10 9+ 4+ 6/13 9+	+ 3+ 6 13 9+ 4 4 4/1	3*		9 4+ 6 13*	9+ 3+ 6/13* 9+ 4 4	/ 10 9+ 4+ 6/13		9 4 3*			
Sample Date													
Sample Type	* URXQGD VWU	URXQS DVHJL	RXQS DM URU	XQS DMUJ * UR	QG DMHJ UR	G: DMHJU RQ	: DMHJ UR XQS	DMHJ UR QSD	WHJ URQ GDVHU				
Batch Number											/ 2' /25	8 QW	0 HMRG 1R
Date of Receipt													
692 & 7, &	1'	1'	1'	1'	1'	1'	1'	1'	1'	1'		1 RQH	70 30
73+ & *													
Aliphatics													
! & & #	1' 3	XJO											70 30
! & & #	1' 3	XJO											70 30
! & & #	1' 3	XJO											70 30
! & & #	XJ	O											70 300
! & & #	XJO												70 300
! & & #	XJO												70 300
! & & #	XJO												70 300
7RMDQSDWV& #	1' 3	XJO											70 700 300
Aromatics													
! (& & #	1' 3	XJO											70 30
! (& & #	1' 3	XJO											70 30
! (& & #	1' 3	XJO											70 30
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! (& & #	XJO												70 300
! (& & #	XJO												70 300
! (& & #	XJO												70 300
7RMDQSDWV& #	1' 3	XJO											70 700 300
7RMDQSDWV& QURDVL F& #	1' 3	XJO											70 700 300
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
7RMDQSDWV& #	X	J	O										70 30
7RMDQSDWV& QURDVL F& #	PJO												70 30
6XSKDMDV62 #	PJO												70 30
&KQUGH#	PJO												70 30
1MDMDV12 #	PJO												70 30
7RMDQSDWV& QURDVL F& #	PJO												70 30
\$P P RQDFDL VW HQDL #	PJO												70 30
+H[DYDQK URPL X	PJO												70 30
7RMDQSDWV& QURDVL F& #	PJO												70 30

Client Name: (36/WG
Reference: 8. &
Location: 311 HUDYDQW
Contact: ' DU GRZHO
EMT Job No:

Report : Liquid

Liquids/products: 9POYLD 0 JIVE RMD-B SCDWFRWMD
+ + 62 ==Q\$F1 12 ++1 +1

[illegible]

Element Materials Technology

Client Name: (36/MG
Reference: 8 . &
Location: 3 IJ HJBYDQW
Contact: ' DU ORZHOO
EMT Job No:

Report : Liquid

Liquids/products:9POYLD O JOVE RVWGB SOWARVWBI
+ + 62 ==Q\$F1 12++1 +1

EMT Sample No.													
Sample ID	%+ * \$%#	* \$%+ %#	%# %	+									
Depth													
COC No / misc													
Containers	9=3+&/13*9+&# / 109+&+&/139+ +3+&139+					9+&139+		9=3+&/139+					
Sample Date													
Sample Type	* URXQGD VWU	URXQS DVHJL	RXQS DM UUF	XQS DVHJ * URX	QG DVHJ URX	G DVHJ							
Batch Number													
Date of Receipt													
											12' /25	8 QW	0 HMRG 1R
* IWRQHGJUNHQLF #	XJO												70 30
* IWRQHGJGJPLXP #	XJO												70 30
* IWRQHGJGJOEJ #	PJO												70 30
7RMDL WROFG&KURRLXP #	XJO												70 30
* IWRQHGJRSSHJ #	XJ	O											70 30
* IWRQHGJHDG #	XJ	O											70 30
* IWRQHGJGJQHMLJ #	PJO												70 30
* IWRQHGJGJURXJ #	XJ	O											70 30
* IWRQHGJGJINHO #	XJ	O											70 30
* IWRQHGJRVDMLJ #	PJO												70 30
* IWRQHGJGJQJLJ #	XJ	O											70 30
* IWRQHGJRCLJ #	PJO												70 30
* IWRQHGJGJ #	X	JO											70 30
3\$+&													
1DSKWDQJH #	XJO												70 30
\$FHQDSKVMQJH #	XJO												70 30
\$FHQDSKVMHQH #	XJO												70 30
)QRJHQH #	XJO												70 30
3KHQDQWJHQH #	XJO												70 30
\$QJMDFHQH #	XJO												70 30
)QRJQWJHQH #	XJO												70 30
3\JHQH #	XJO												70 30
%HQJ RDQJWJHQH #	XJO												70 30
&KJ\JHQH #	XJO												70 30
%HQJ RENI QRJQWJHQH #	XJO												70 30
%HQJ RDS\JHQH #	XJO												70 30
,QGHQJFSG\JHQH #	XJO												70 30
* IEHQJ RQDQWJHQH #	XJO												70 30
%HQJ RJLSJ\JHQH #	XJO												70 30
3\$+7RMD #	XJO												70 30
%HQJ RENI QRJQWJHQH #	XJO												70 30
%HQJ RENI QRJQWJHQH #	XJO												70 30
3\$+6UURJDMJSHF RYHJ													70 30
92 &7, &/	1'	1'	1'	1'	1'	1'						1 RQH	70 30
0HJM QJMDJ%WJ QJHJ #	XJO												70 30
%HQJ HQH #	XJO												70 30
7RQJHQH #	XJ	O											70 30
(VJHQJHQH #	XJ	O											70 30
P\$JQHJ #	XJ	O											70 30
R\QJH #	XJ	O											70 30
6XURJDMJSHFRYHJ7RQJHQH													70 30
6XURJDMJSHFRYHJ%RRJQJHQH													70 30

Element Materials Technology

Client Name: (36/MG
Reference: 8 . &
Location: 3 IJ HUDYDQW
Contact: ' DU ORZHO
EMT Job No:

Report : Liquid

Liquids/products:9POYLD O JOVE RVMB SOWARVMB
+ + 62 ==Q\$F1 12++1 +1

EMT Sample No.													
Sample ID	%+ * \$%#	* \$%+ %#	%# %	+									
Depth													
COC No / misc													
Containers	9= 3+ 6/13 * 9+ 6+ 6/	/ 10 9+ 4+ 6/13 9+	+ 3+ 6/13		9+ 4/3	9= 3+ 6/13 *							
Sample Date													
Sample Type	* URXQGD VWU	URXQG DVHJL	RXQG DM UUF	XQG DMUJ * URX	QG DMHJ URX	G DMHJ							
Batch Number													
Date of Receipt													
											12' /25	8 QW	0 HMRG 1R
692 & 7, &	1'	1'	1'	1'	1'	1'						1 RQH	70 30
73+ & *													
Aliphatics													
! & & #	XJO												70 30
! & & #	XJO												70 30
! & & #	XJO												70 30
! & & #	XJ	O											70 300
! & & #	XJO												70 300
! & & #	XJO												70 300
! & & #	XJO												70 300
! & & #	XJO												70 300
7RMDSDMV& #	XJO												70 700 300
Aromatics													
! (& & #	XJO												70 30
! (& & #	XJO												70 30
! (& & #	XJO												70 30
! (& & #	XJ	O											70 300
! (& & #	XJO												70 300
! (& & #	XJO												70 300
! (& & #	XJO												70 300
7RMDUPD VV& #	XJO												70 700 300
7RMDSDMV& QURDVL F& #	XJO												70 700 300
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
3& %	X	J	O										70 30
7RMDQ& %	X	J	O										70 30
7RMDKHQRO/3 &	PJO												70 30
6XSKDMDV62 #	PJO												70 30
&K&UGH#	PJO												70 30
1MDMDV12 #	PJO												70 30
7RMDQ DQGI #	PJO												70 30
\$P P RQDFDQL VVH QDVL #	PJO												70 30
+H[DYDBQAK UPL X	PJO												70 30
7RMDSDVQVDB&D&2 #	PJ	O											70 30

Client Name: (36/MG
Reference: 8. &
Location: 3111 HUDYDQW
Contact: ' DU ORZHO
EMT Job No:

Liquids/products: 9POYLD 0 JOVE RW0-B S0MFR RW0
+ + 62 ==Q\$F1 12++1 +1

3 0IDMNHHDWTKHGQRMVIRUDD
DEEUHYMDNRQVDDGDFURQ PV

Element Materials Technology

Client Name: (36/MG
Reference: 8. &
Location: 31J HUDYDQW
Contact: ' DU'GRZHO
EMT Job No:

SVOC Report : Liquid

EMT Sample No.												
Sample ID	%e %e	%e * \$	%e * \$ \$e	%e * \$ %e \$	\$ %e*	\$ \$ %e* %e	+					
Depth												
COC No / misc												
Containers	9+3-6/13*9-4-6	/ 12*9+4+6/12*9	+3-6 12*9+4-6/1	3*		9-4+6 13*	9+3-6/13*9-4-6	/ 12*9+4+6/12*		9-4 3		
Sample Date	* URXQSD VWH	URXQSD VWH	RXQSD DM UPR	XQSD DMU * UR	QGDVHJ URQ	G:DMVHU RQ	: DMVHU UR XQ	DMVHU UR XQ	QSD	VWH URQ GDMVHU		
Sample Type												
Batch Number												
Date of Receipt											/ 2' /25	8 QW
												0 HMRG 1 R
692 & 6												
Phenols												
2KORURSKHQRO #	XJ	O										70 30
0HVKIOSKHQRO #	XJO											70 30
1LWMBKHQRO	XJO											70 30
* LFORURSKHQRO #	XJO											70 30
* LPHWK OSKHQRO	XJ	O										70 30
7ULFKORURSKHQRO #	XJO											70 30
7ULFKORURSKHQRO	XJ	O										70 30
2KORURAHMIO SKHQRO #	XJO											70 30
0HVKIOSKHQRO	XJ	O										70 30
1LWMBKHQRO	XJO											70 30
3HQWFKBURSKHQRO	XJ	O										70 30
3KHQRO	XJ	O										70 30
PAHs												
2KORURQSKVKWIDHQRO #	XJ	O										70 30
0HVKIOSQSKVKWIDHQRO #	XJ	O										70 30
Phthalates												
%4HVK (B) OSKWDODM	XJ	O										70 30
%4HVKHQ \ OSKWDODM	XJ	O										70 30
* IQEAV OSKWDODM #	XJO											70 30
* IQEAV OSKWDODM	XJ	O										70 30
* IHM OSKWDODM #	XJ	O										70 30
* IP HM OSKWDODM	XJ	O										70 30
Other SVOCs												
* LFORUREHQ HQH #	XJ	O										70 30
7ULFKORUREHQ HQH #	XJ	O										70 30
* LFORUREHQ HQH #	XJ	O										70 30
* LFORUREHQ HQH #	XJ	O										70 30
1LWMBQLOHQ	XJ	O										70 30
* LQWMBQLOHQ #	XJO											70 30
* LQWMBQLOHQ	XJ	O										70 30
1LWMBQLOHQ	XJ	O										70 30
%4URRS KHQ OSKHQ CHWU #	XJ	O										70 30
2KORUREQLOHQ	XJ	O										70 30
2KORUREKHQ OSKHQ CHWU #	XJ	O										70 30
1LWMBQLOHQ	XJO											70 30
\$J REHQ HQH #	XJO											70 30
%4VKORURMRQ \ PHWDQH #	XJO											70 30
%4VKORURMRQ CHWU #	XJ	O										70 30
&DUEJ RQ #	XJO											70 30
* IEHQ RIXUDQ #	XJO											70 30
+H[DFKUREHQ HQH #	XJ	O										70 30
+H[DFKUREXMGHQ #	XJ	O										70 30
+H[DFKURAFQSHQMGHQ	XJ	O										70 30
+H[DFKURHMDQH #	XJ	O										70 30
VRSKRURQH #	XJO											70 30
1 QWVAGLSURSCDQH #	XJO											70 30
1 WREHQ HQH #	XJ	O										70 30
6XURJDMHFYHUJ OQIELSKHQO				SV								70 30
6XURJDMHFYHUSHUSKHQ OG				SV								70 30

Element Materials Technology

Client Name: (36/MG
Reference: 8. &
Location: 31J HJYDQW
Contact: ' D\ERZHO
EMT Job No:

SVOC Report : Liquid

EMT Sample No.												
Sample ID	%+ * \$%	* \$%+ %	%+ %	+								
Depth												
COC No / misc												
Containers	9++ 3-6/13* 9-4-4	/ 2/19+4+ 6/12 9	+ 3-4 13		9-4 3	9++ 3-6/13*						
Sample Date												
Sample Type	* URXQSD VWF	URXQSD VWF	RXQSD VWF	XQSD VWF	QSD VWF	URXQSD VWF						
Batch Number												
Date of Receipt										1/2' /25	8 QW	0 HWRG 1 R
692 & 6												
Phenols												
2KORURSKHQRO #	XJ	O										70 30
0HWKIOSKHQRO #	XJO											70 30
1LWMBKHQRO	XJO											70 30
* LFORURSKHQRO #	XJO											70 30
* LPHWK OSKHQRO	XJ	O										70 30
7ULFKORURSKHQRO #	XJO											70 30
7ULFKORURSKHQRO	XJ	O										70 30
2KORURSKHQRO #	XJO											70 30
0HWKIOSKHQRO	XJ	O										70 30
1LWMBKHQRO	XJO											70 30
3HQWFKBURSKHQRO	XJ	O										70 30
3KHQRO	XJ	O										70 30
PAHs												
2KORURQSKVKWQHQRO #	XJ	O										70 30
0HWKIOSKVKWQHQRO #	XJ	O										70 30
Phthalates												
%4HWK QH\ OSKWKODVH	XJ	O										70 30
%4HWKQ\ OSKWKODVH	XJ	O										70 30
* LQXV OSKWKODVH #	XJO											70 30
* LQFM OSKWKODVH	XJ	O										70 30
* LHM OSKWKODVH #	XJ	O										70 30
* LP HM OSKWKODVH	XJ	O										70 30
Other SVOCs												
* LFORURHQHQ #	XJ	O										70 30
7ULFKORURHQHQ #	XJ	O										70 30
* LFORURHQHQ #	XJ	O										70 30
* LFORURHQHQ #	XJ	O										70 30
1LWMBQHQ	XJ	O										70 30
* LQWMBQHQ #	XJO											70 30
* LQWMBQHQ	XJ	O										70 30
1LWMBQHQ	XJ	O										70 30
%4URRS KHQ OSKHQ CHWU #	XJ	O										70 30
2KORURQHQ	XJ	O										70 30
2KORURSKHQ OSKHQ CHWU #	XJ	O										70 30
1LWMBQHQ	XJO											70 30
\$J REHQHQ #	XJO											70 30
%4VKORURMH\ PHWQH #	XJO											70 30
%4VKORURMH\ CHWU #	XJ	O										70 30
&DUEJ RH #	XJO											70 30
* LEHQ RIXUDQ #	XJO											70 30
+ H\ DFKUREHQHQ #	XJ	O										70 30
+ H\ DFKUREXWGHQHQ #	XJ	O										70 30
+ H\ DFKURF FBHQHQHQ	XJ	O										70 30
+ H\ DFKURHMDQH #	XJ	O										70 30
VRSKRURCH #	XJO											70 30
1 QVWGLSURSODQH #	XJO											70 30
1 WREHQHQ #	XJ	O										70 30
6XURJDMHFHYHU\ QWELSKHQO				SV	SV							70 30
6XURJDMHFHYHUSHSKHQ OG				SV	SV							70 30

Client Name: (36/MG
Reference: 8. &
Location: 311 HJYDQW
Contact: ' DUORZHO
EMT Job No:

EMT Job No:

3 @IDV-NH-DWTKHGQRMIRU@
DEEUHYDMROMDGGDFUR@PV

Element Materials Technology

Client Name: (36/MG
Reference: 8. &
Location: 311 HUB YDQW
Contact: ' DU GRZHO
EMT Job No:

VOC Report : Liquid

EMT Sample No.	Sample ID	%e * \$%e	* \$ %e+ %e	%e %e	+						3 @DVHVFHDWIKHGCRMMVRUDD DEEUHYDMRQVQGCFURQ PV		
Depth													
COC No / misc													
Containers	9==> &/13^9-4&	/ D^9+4+=&/2>	+>&12		9-43	9==> &/13^							
Sample Date													
Sample Type	* URXQSD VWUP	URKQS DVHS L	RXQS DM UPUF	X QS DWIU *	QR QGVHS URQ G:DWHU								
Batch Number													
Date of Receipt											/ 2' /25	8 QW	0 HMRG 1 R
92 &@													
* IFKBURGICORUP HMDQH "	XJ	O											70 30
0 HM\ GHUMDA %VM QVHU #	XJO												70 30
&KGURP HMDQH"	XJ	O											70 30
9IQ @CORUGI #	XJO												70 30
%LUP RP HMDQH	XJ	O											70 30
&KGURHMDQH"	XJ	O											70 30
7UEKBURGICORUP HMDQH"	XJ	O											70 30
* LFHORRWHQH &(#	XJ	O											70 30
* IFKBURP HMDQH&D #	XJ	O											70 30
VNDQV LAKORBHMHQH #	XJ	O											70 30
* LFHORRWVDQH #	XJ	O											70 30
FIV LAKORBHMHQH #	XJ	O											70 30
* LFHORRSUSDQH	XJ	O											70 30
%LUP RFKBURP HMDQH"	XJ	O											70 30
&KGURIRUP #	XJ	O											70 30
7ULKORURWDQH #	XJ	O											70 30
* LFHORRSUSHQH #	XJ	O											70 30
&DUERQWWDFKORUGI #	XJ	O											70 30
* LFHORRWVDQH #	XJ	O											70 30
%HQJ HQH"	XJO												70 30
7UEKBURHMHQH&E #	XJ	O											70 30
* LFHORRSUSDQH #	XJ	O											70 30
* IEURP RP HMDQH"	XJ	O											70 30
%LUP RGEBURP HMDQH"	XJ	O											70 30
FIV LAKORBSUSHQH	XJ	O											70 30
7ROHQH"	XJ	O											70 30
VNDQV LAKORBSUSHQH	XJ	O											70 30
7ULKORURWDQH #	XJ	O											70 30
7HMDFKBURHMHQH&G #	XJ	O											70 30
* LFHORRSUSDQH #	XJ	O											70 30
* IEURP RFKBURP HMDQH"	XJ	O											70 30
* IEURPRWK DQH #	XJ	O											70 30
&KBUREHQJ HQH"	XJ	O											70 30
7HWDFKORURVKDQH #	XJ	O											70 30
(VM @HQJ HQH"	XJ	O											70 30
P SVOHQI #	XJ	O											70 30
R \ OQH #	XJ	O											70 30
6VMHQH	XJ	O											70 30
%LRP RIRUP #	XJ	O											70 30
, VRSURS @HQJ HQH"	XJ	O											70 30
7HWDFKORURVKDQH	XJ	O											70 30
%LRP REHQJ HQH"	XJ	O											70 30
7ULKORUSUSDQH #	XJ	O											70 30
3 URS @HQJ HQH"	XJ	O											70 30
&KORURWOKQH #	XJ	O											70 30
7ULPMA @ HQHQI #	XJ	O											70 30
&KORURWOKQH #	XJ	O											70 30
VWUWKVCEHQJ HQH #	XJ	O											70 30
7ULPMA @ HQHQI #	XJ	O											70 30
VHPXWCEHQJ HQH #	XJ	O											70 30
, VBSURS OVOKQH #	XJ	O											70 30
* LFHORREHQJ HQH #	XJ	O											70 30
* LFHORREHQJ HQH #	XJ	O											70 30
QXWCEHQJ HQH #	XJ	O											70 30
* LFHORREHQJ HQH #	XJ	O											70 30
* IEURPRKORUSUSDQXJO													70 30
7ULKORUREHQJHQXJO													70 30
+ H[DFKBUREXWGHQH	XJ	O											70 30
1 DSKWDBQH	XJ	O											70 30
7ULKORUREHQJHQXJO													70 30
6XUURJDMGHFRYHU7ROKHQH													70 30
6XUURJDMGHFRYHUURRQK RUEHQJQH													70 30

Matrix : Liquid

[illegible]

Element Materials Technology					Notification of Deviating Samples	
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Notification of Deviating Samples

Client Name: (36/MG
Reference: 8. &
Location: 311 HUBBYDQW
Contact: ' DU ORZHO

Matrix : Liquid

[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.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.:

SOILS

3 0DMHQRWZHDUHQ00&(576 DFFUHG&VHG. VLORQOI RUDQORPQDA DQQRWKHUPDVL[LVRXWLGHRXVFS HRDPRKEWVRQ

: KHUH DQ0 &(576 UHSRUMKV EHHQ UHTXHWMG RXZ L QHQ RVILHEZ L VLQ RX UVRDQ VDP SCH VMD WQDYHEHH QLGH QVLI LGE HL QJRWVLGRU
0 &(576 VFRSH\$ VY DQGVWRK DVE HHQS HUIRPH GR QF QD VQGDQ GOR DPRQ O VDP SCH VMD WDUHSUH GPLQD QVQ VHVPDWU LFRURPELQD WRQV
RI VHP ZLOEH ZVMQ RXU0 &(576 VFRSH IVDPQ CWD UHQ RWRQR I DF RPE LQWR I WKHD ERYHP D WWHFWKA Z L QWRVEHP D UNHD V0 &(576
DFFUHGUMG

,VW DWXP HG WDM RX KDYH WNHQ UHSUHVQWYH VDP SBN RQ VVM DQG UHTXUH DQDVMV RQ D UHSUHVQWYH VXEVDP S06 WRQHVZ L QHQHUDE H
LQFGHGQGVZHDUHTXWVHGVRUFRYHMH P

\$ QDPS CQZLOGE VDUHGQRHPRQKD WHUWKDVRUHSRUWQ XQHVZHDHQWVFWGVVWVFRQVDA

,IRXKDYHQRWDQDGRQRHRSCHDVHQ&VDSXFKDVRUHLI VKLVL VHTXUW RUFSDQ

: KHUHSSURSUDDVSDYHPDNH VXUWKDVRUGHMFARQDPLWDJNK DGEHI RA BUQHGLVMH DHRVSDYQVLI\ XLEPHEDMCA

\$ QDQDVMV LV UHSRUMG RQ D GU ZHUKVEDMV XQBN WDMG RWHUZLVH LRL VR I GHVFWVRQ RUDQDVMVF DUJER XWRQD VU HFHL YGV DPS CWD UHQ RW
P RLVUH FRQMQVRUHFVWG HVXOND UHQ RWWXURJ DWF RUHFVGD PSO HNDU HGJ LHWf&" f& QCH VRKHU ZLVHMDVH GRVWU UHFRQV W RU
&(1/HDFKDVVWVWVHULHGV&"f&

: KHUHL QUDZORQDZLOVQ*UDHLVT XRWGVVUH HUWFRDQSKDF&&

: KHUHL(1=(52+HDGSDFI9 2&VHMKDEHH QDUHGRWDUDMRZDVMWZVNUHFHYHRL QDVEHQVH

\$ VHWVRVQEVVR&QVQLQ QDMD O\$&VGVHU PLQEHU HU KQFHV&7K6XUYH*XLGH\$ \$HQGL \$0VLQXLOGLQV
QWGLQURH DVI I LEJHDDVH

6 XIIIEHQPR XQVWDSCH PXW HUHL YGVFEU RXWKHMMVL QSHFI LHGKHUHQXI ILE HQDPRQV VDSKDEH QHHL YGVK H
VWVQID\ QVPHVWKHHTXUHPQR I RXDFRUGLMPVWRQDW XKDFUELWVLRQDA EHUFRY

1 HJDMYHIXWVQDVRQ8RVHQV Q3DQXHDUREVQHQZKHQHYROXPHR1D2+1VWUDV\$+L VJHDMVUNQHYROPHR &Q
VRUGXFWV\$+R WKNDSCHV\$ QQJDMYH3DQXHDUHFUHFVBR

7 KHDFQDVRQRI3\LVWFRQMQDVXPHWKD WDQ LG VCHXSKL GMSUHVQV QMH/DPSQDHS ULVH7 KLVDA QVHVH7KFD QFQDWRQ
P DA EDQYHUHLVLBN ZKHQVKHUXOSKGHVXKDV&ULVHCU XPOSDWVHJ SJHVQW

WATERS

3 0DMHQRWZHDUHQV8. 'ULQLQ :DVUQS HVRVH : , \$SURYQ D ERDVRU

,62 DFFUH GLVWVQSL HWVXU ID FZVHU DQGUHQXQ GZVHUDQXVXD O RQVVKHU PDVL[ZKFK LVQD Q VLVSH E LFDQVKHUO LTXGVH
RXWLGHRUVFSRI DFRUGLVWRQ

\$ VXU DFRZDVHUHTL UHG IHUQVDP\$SU HSDW/RQVRJRXQZVUWVKHDERDVRUFXWHLQ RUP HGRVKHDMVM SHZKQXELVWLQVDP\$HV

: KHUHL QUDZORQDZLOVQ*UDHLVT XRWGVVUH HUWFRDQSKDF&&

DEVIATING SAMPLES

\$ QDVP SBN VKRXQEH VQEP WMG VR VEH DERUDRU IQ VVDEQ FRQDQHV/ ZLV XIIIEHQVHF SDFN VR VXVQLQ DQ DSSURSUDM VWP SHUDMUH IRUVH
UHTXHWMG DQDVMV7KHVHPS HUDVUR I VDPQ QV HFHSLV W HFRUGGR QVKEF RQ WQD WRQV FKHGQV L Q UGUMKOVVHF QQVQDQ DND QL QRUH G
GHFMRQVWZKHVHVHVQVVRXQVWDEHQVNHQ

SURROGATES

6 XURJDM FRP SRXQV DUH DGGHG GXUQ VEH SUHSDUMRQ SURFHV VR P RQVUHFHYHU RI DQDVM+ RZHYHUQZU HFHYHUL Q RLQ VR I WQGXWR
SHVW QDR UR VEHUR WQLEJ LKP D WWHV) RUZD WHVM LVQ QEH GX HVR R LGQWVXU DQDQVRJDQLFLK VBL PHQV RUH PH QDVLQQL Q
\$ FHSWQEI QP LV IRUP RWRUJDQF P HMRGV DUH DQGI RU9 2&V DQ: KHQVXU UR J DVHU HF RYH ULHDURK WLGHWVSH UIR UPQFH
FUMUDEKVVWVRFLDV\$&SV VHVKLVLVXPRHGX HVRDMLHI I HVBH VXQDHRVXURJDVFRUHFVWG

DILUTIONS

\$ QVRVX I LQEDVWBLQVWQDEHQSHU RUPEDQVH UHSRUMGHXOVNDHVM VLQVFRXQVRXVHFDFQDVRQLVHTXUH

BLANKS

: KHUH DQDVM KDYH EHHQ IRXQGLQ VEH EQNVKHV DPS QZ L QHWMVWEL Q FFRUGQFHZ L VR XUQERUDVRUS UFFHGXUH RUGHQQLZ L VFRQVPL QVWG
EQQV

NOTE

' DND LV RQD UHSRUMG IL VWH OERUDVRU LV FRQIGHQWMDWVH GDM LV D WKH UHGHFNRQ RI VWH VDP SGN DQDQVHG DMD VR QQU HSRUMGD VD FFUHLVHG ZKHQ DQVH UHTXLUP HQW RI RXU4 XDQW 6\ VMP KDYH EHHQ P HVG E HMD E LUXPV VDFHVZ KHUH DQVH UHTXLUPHQW RI VWH4 XDQW 6\ VMPK DYH QRVEHHQ P HVRUL QVDFH IWKD VRFLOVGS 4&K DVI DQVH UHTXLUPHQW DVRLV IX QIQ YHVLJWHGQ GGR FXPHQ VHGKHVDP SCH GMDLVVWH QYD QDNG DQJVLGH VWH RWHUTXDQV FRQVROKHFV SHURP HG GXUQJ DQDQV LV GHMUP LQH LV VXDQDQV) ROZL QVH VYDQVRSURLGQV HVD PSO H UHVDV KDYH QRVEHHQ HHHFVGHVHG DMD VHSRUMGE XVDFFUHLVVRQL V HPR YHG VLVB . \$ 6 UH TXLUHQW RUEDMDQR VHSRUMGEV DF FVGLVGR EH FRQVGHUHGQLFVYFRQ EHVLVGRVPHDQVHG VDLVQVDCG : KHUH SRMEOQQL IUTXHVVGDPSO HZL OGHUH H VDFVQDQ DUH Y LVHGH S RVLVVXGZLVK DF UHGVHGV XQVZDVIGRQR VK HVLVDVVR QVDFW VWH OERUDVRU LIXVHGH MDQDWHUHTLVGR VHFUVRVDFVZK LK KDYH GHVH UHPRORDFVHG VLRQ

REPORTS FROM THE SOUTH AFRICA LABORATORY

\$ Q I H V R G Q P E H U Q R S U H L [H G Z V K \$ K D E I H Q C Q H W D N H L Q R X \$. C D E R U R U X Q Q W U I S R U M G D V X E F R Q U D F M G

Measurement Uncertainty

0 H D V X U P H Q Q F H M Q V G H L Q W K H D Q H R I Y D X H W K D V F R X Q U H V R Q E C E H D W U L E X M G R W K H P D X U H G X Q W M 7 K L V D Q H R I Y D N K D Q R V E H H Q Q O G H G Z L W K M H S R W H G U V X O S Q F U M Q W H [S U V H E M D S H U F Q D U H F Q E H S U R L G H G S R Q H T X H W

ABBREVIATIONS and ACRONYMS USED

	,62 8. \$65H1 RDFUJHBAH3
6 \$	,62 6\$1\$65H 1 R7 D F U H E W 66RXW\$ ULFD
%	,QGFDMVMDQDVMI RQGLQDWFFLDWHBPWKRS EDDQN
' 5	' LQVRQUTXLWG
0	0 &(5 76 DFFUHLWG
1 \$	1 RMBSCIECH
1 \$'	1 R3/EHWW' HWHFWG
1'	1 RQH H W F V G X V D O A U H W A R 2 & G 9 2 &, &V
1' 3	1 R H W U R Q M R Q B R V L E O I
66	& D E U D M G J D L Q V W L Q O M X E W D Q H
69	6 X U R J D M U F R Y H A R X W L G S H U R U D Q F H F U L V M U D K V R D E H G H W R P D M L [H I H F W
:	5 H V X O M H S U H W H G R Q M U H F H Y H G E M L V
	\$4 & I D Q U H D F U H G L W M R Q D V E H Q U P R Y H U R P W K L V H V X M L D S U R S D W H 1 R W H R S U Y L R X S D J H
!!	5 H V X O M D E R Y H F I D E D M R Q D Q M K H U K O N K R X Q E F R Q L G H U B W K H L Q P X P D O H K H D F W X D U H X O F R X G E V L J Q L F Q Q K L J K H U M U H X O V L Q D F U H G W H G
	\$ Q D O V L X E F R Q W F V W G W Q C H F H Q D W M L D O 7 H F Q R J \ D S S U R Y H C D E R U D W U
\$'	6 D P S O M D H G L H G V & " &
&2	6 X V S H F M G E U R Y H U
/ 2' /25	/ I P M R ' H W H W L R Q L P W R S R U M Q I L Q Q H Z W 6 D Q G & 5 6
0 (	0 D M L (I I H F W
1)'	1 R J L E H V' H W H F W G
%6	\$4 & D P S C H
/ %	% D Q N D P S C H
1	& H Q M D P S C H
7%	7 U S % D Q N D P S O H
2 &	2 X M G H S D C I E D W R S D J H

\$\$	[' LOMPO
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HWOL ACRONYMS AND OPERATORS USED

+ 6	+ HDGVSDFHQDDMLV
(+	([WDFVDECH GUFEDUERQVLHFWVLQJH WDFWGEVKHROYQW
& 8	& @DQSHJEICRULV OXDFJH
'	* & @Q @FRQDVRPDPVUD SK
7 RMO	\$ @SKDMFV \$ URPDWLFV
\$ /	\$ @SKDMFVRQ
\$ 5	\$ URP DMFVRQ
'	* & * & ' FROHFRQDVRPDPVUDS KI
	(+ B7 RMDCKVZVWXRPLV H WDFVNG
	(8 B7 RMDCKVZVWDMVDEGH WDFVNG
B	2 SHUDRUXQEHUFRUHWVSDUWHDFURQPMH FHS VFRQ RU
	2 SHUDRULQGFDFVFXOD VYHJ(++B7VNDORU(+B&B7VND O
0 6	0 DWGSHFWPH VW

Element Materials Technology

Method Code Appendix

EMT Job No:

7 H M H V W R G L R	' H V F U S W R Q	3 U H S H W R G 1 R U D S S U R S U I D M	' H V F U S W R Q	. 6 2 8 \$ 6 6 \$ 1 \$ 6	0 & (5 7 6 8 V R O V R Q D	\$ Q D O V L V R Q H R Q \$ V H F H L Y G \$ 5 R U U U G \$	5 H S R U M G R Q G U Z H L K W E D M V
70	1 R M Y D L O E O H	30	1 R S U H S D U W R L W H X L U H G				
70	0 R G U H G 6 (3 \$ ' Y P H W K R G R W K H V R O Y H Q W H W D W R Q Q G H W H P L Q W L R Q I 3 \$ + V E * 0 6	30	: D M U D P S C H V D H H W D R M G L V W R Y H Q W L Q I P D I Q H M F V V L U U H W F U M D R M				
70	0 R G U H G 6 (3 \$ ' Y P H W K R G R W K H V R O Y H Q W H W D W R Q Q G H W H P L Q W L R Q I 3 \$ + V E * 0 6	30	: D M U D P S C H V D H H W D R M G L V W R Y H Q W L Q I P D I Q H M F V V L U U H W F U M D R M	< H V			
70	0 R G U H G % P H W K R G R W K H G H W H P L Q W L R Q I V R O H Q W (V H F V E G S H M R O R P + \ G U R F D U E R Q M (3 * Z L W L Q H Q W H H E A * &) , ') R U Z D H V V W K H V R Y H Q W (W D W V G U W R Q H G 3 K D V S O X D V H H Q L I S U H Q V	30 30	) U D F W R Q D M R Q Q R Q D S O V L R Q E U R F M F I U P M R Q W L Q I S D S G U D F H 6 3 : D M U V D P S G M D H H (V L D W H G L W V R O H Q W L Q D P Q H W F V V L U U H W F U M D R M	< H V			
70 70	S B D V H U H H M D O Q G 7 0 R U P H W K R G H M O V	30 30 30	S B D V H U H H M D O 3 D Q G 3 0 I R U P H W K R G H M O V	< H V			
70	0 R G U H G 6 (3 \$ % X D Q M V D M Y H H W H P L Q W L R Q I G R C D V O B U D Q F & R P S R X Q G V 6 2 V E \ # H G S D F H * & 0 6	30	0 R G U H G 6 (3 \$ P H W R S Y 3 U H S D U W R Q I V R O G D Q G L T X G V P S M V R * & K H D G V S D F H Q D O M L V				
70	0 R G U H G 6 (3 \$ % X D Q M V D M Y H H W H P L Q W L R Q I G R C D V O B U D Q F & R P S R X Q G V 6 2 V E \ # H G S D F H * & 0 6	30	0 R G U H G 6 (3 \$ P H W R S Y 3 U H S D U W R Q I V R O G D Q G L T X G V P S M V R * & K H D G V S D F H Q D O M L V	< H V			
70	0 R G U H G 6 (3 \$ ' Y X D Q M V D M Y H G H W H P L Q W L R Q I G H P I 9 R O D M L G R U D Q F F R P S R X Q G V 6 2 V E \ * 0 6	30	: D M U D P S C H V D H H W D R M G L V W R Y H Q W L Q I P D I Q H M F V V L U U H W F U M D R M				
70	0 R G U H G 6 (3 \$ ' Y X D Q M V D M Y H G H W H P L Q W L R Q I G H P I 9 R O D M L G R U D Q F F R P S R X Q G V 6 2 V E \ * 0 6	30	: D M U D P S C H V D H H W D R M G L V W R Y H Q W L Q I P D I Q H M F V V L U U H W F U M D R M	< H V			
70	0 R G U H G 6 (3 \$ P H W R S Y H W H P L Q W L R Q I V H F L I F 3 R O K R O R U Q W H G % 4 S K H Q (R Q) H Q H U E * & 6	30	: D M U D P S C H V D H H W D R M G L V W R Y H Q W L Q I P D I Q H M F V V L U U H W F U M D R M				

Element Materials Technology

Method Code Appendix

EMT Job No:

7 HMFH VWRGLR	' HMFUSVRQ	3 UHSOH VWRG 1 RU DSSURSUIM	' HMFUSVRQ	.62 8 \$66 \$1\$6	0 & (576 8 VRO/ RQD	\$ QDOVVRQHQ \$ VGHFHYG \$ RUUUH \$	5 HSRUMGRQ GUZHLKW EDMV
70	0 RGLLHG36 (3\$7'676" UDYL PHWJFCHMUPQMLRRI 7RMDL WROHGBROLGRMORQGV	30	1 RSUHSUDUVRQLVWRLUHG	<HV			
70	' HMUP IQDURQR SEQROVE\$YHUVHG\$DVH6+LJK3HURUDQFI LT XLG & KURP DMRUDSKL DQ (HAYURKHP LFD OHMF VWRQ	30	1 RSUHSUDUVRQLVWRLUHG				
70	' HMUP IQDURQR ZDFH-DHMOE, &2(6 QGKFWLYD &RSHGOWPD2SWIEDO (P LVMRQ6 HFVWPH VU: \$ (5 6 E) 0 RGL IH G8 (\$0HMKRG5 H' 0 RGLLHG(3 \$0HMKR9/6 H" HF0 RE I LIG 1, 2 62 / 6 E O RGL I LIG 6(3	30	3 UHSUDUVRQR ZYHVVDQGH-DHOMI RUPHDOE \ , &2(6, &D 6 DP SOWDIH I LOMHU HG IRUL WROHGPWDOYQDHPDLQQ I LOMUHRUFWPHIDOVWQ DFLGILHG				
70	' HMUP IQDURQR ZDFH-DHMOE, &2(6 QGKFWLYD &RSHGOWPD2SWIEDO (P LVMRQ6 HFVWPH VU: \$ (5 6 E) 0 RGL IH G8 (\$0HMKRG5 H' 0 RGLLHG(3 \$0HMKR9/6 H" HF0 RE I LIG 1, 2 62 / 6 E O RGL I LIG 6(3	30	3 UHSUDUVRQR ZYHVVDQGH-DHOMI RUPHDOE \ , &2(6, &D 6 DP SOWDIH I LOMHU HG IRUL WROHGPWDOYQDHPDLQQ I LOMUHRUFWPHIDOVWQ DFLGILHG	<HV			
70	0 RGLLHG6 (3PHWRG9" HWHUPLQWRQR "DYRQHQDQJLUDQFV "5 2 L QHHEUERQHOLQUQ HIR & KHDS\$SF H"&) ' 07% E\ " &) ' IR HOMVZL VPHWK OGHQDQHL SUHQDQGHV KH HIRUFQ LYHDI DOVHRYLWYBRYLWYH 0 7%(UVXONZLOQHULQXVQ " &0HVRK X EDHREHYZKHQTXHWWG	30	0 RGLLHG6 (3PHWRG\$Y3UHSUDUVRQR VROGQDQGLXG/TP\$DMVR"& KHOGVSDHEDQDMLV	<HV			
70	6 RQEBQRDQDQ VVXLQ" LVUHWPHQDVHURGLI LIG86(3PHWRG/KOR ULGH 6(CSKDMS HVR3KVR\$DVA\$H7 21 SHY1LVMLVH+HJUS\$Y\$CO DQRQWPS DUECHW6,62 O	30	1 RSUHSUDUVRQLVWRLUHG				
70	6 RQEBQRDQDQ VVXLQ" LVUHWPHQDVHURGLI LIG86(3PHWRG/KOR ULGH 6(CSKDMS HVR3KVR\$DVA\$H7 21 SHY1LVMLVH+HJUS\$Y\$CO DQRQWPS DUECHW6,62 O	30	1 RSUHSUDUVRQLVWRLUHG	<HV			
70	' HMUP IQDURQR JHURV, URG UHDMRQZUW6RLXPDUERQ VMDQ80RUDTXDW 6 XSKDMZKLRLVQD VHGSHVURSRRPHML FQD	30	1 RSUHSUDUVRQLVWRLUHG				
70	7&Z&DQD VVR:DMU V6 4LK7HP SHUDXU H&PEKWRQR ROGHCE1'5 GHMFVRQD/HGRQWHIROGLQRGEI IH GAWDQDHPMKRG/6 (3\$ \$3+\$0 (: : %Q GLVWRQ\$670" DQ86(3	30	1 RSUHSUDUVRQLVWRLUHG	<HV			
70	0 RGLLHG6 (3PHWRG/DQ\$HYDQ6 ' HWHUPLQWRQR IS+EDHMRPD XVRD VMSUR EDQDQ\ VHU	30	1 RSUHSUDUVRQLVWRLUHG	<HV			

EMT Job No:

7HMH WRGLR	' HMFUSMRQ	3 UHSCH WRIG 1 RU DSSURSUDM	' HMFUSMRQ	.62 8 \$66 \$1\$6	0 & (5 76 8 VROV RQ0	\$ QDOVMRQHRQ \$ VSHFLYHG \$ RUULHG \$	5 HSRUMGRQ GU ZHLJKW EDMV
70	0 RGLIHGB (3\$PHWKRE2 \$ HWUPLQWRQRIADQLGHE\ ONWRKP DXVRP DMGMMDWRQDQ VU	30	1 RSJHSDUDWRQLVHTXLUHG	<HV			
70	0 RGLIHGB (3\$PHWKRE2 \$ HWUPLQWRQRIADQLGHE\ ORZ QWRMRQ \$ QDOVMHUKHU H \$ R DQLGHMDUHTXLUHG\ LIJQGEVSODFPHQMWISLVF DUUHGEXW EHIRUHQQDOVLV	30	1 RSJHSDUDWRQLVHTXLUHG	<HV			

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

Attention : Michael Judson
Date : 16th March, 2021
Your reference : UK20.5032C
Our reference : Test Report 21/3483 Batch 1
Location :
Date samples received : 11th March, 2021
Status : Final report
Issue : 1

One sample was received for analysis on 11th March, 2021 of which one was 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:

Phil Sommerton BSc
Senior Project Manager

Please include all sections of this report if it is reproduced

Client Name: EPS Ltd
Reference: UK20.5032C
Location:
Contact: Michael Judson
EMT Job No: 21/3483

[illegible]

Element Materials Technology

Client Name: EPS Ltd
Reference: UK20.5032C
Location:
Contact: Michael Judson
EMT Job No: 21/3483

Report : Liquid (Duplicate results)

Liquids/products: V=40ml vial, G=glass bottle, P=plastic bottle
H=H₂SO₄, Z=ZnAc, N=NaOH, HN=HNO₃

[illegible]

Client Name: EPS Ltd
Reference: UK20.5032C
Location:
Contact: Michael Judson
EMT Job No: 21/3483

VOC Report : Liquid

EMT Sample No.	1-3											
Sample ID	BH17											
Depth												
COC No / misc												
Containers	V G											
Sample Date	<>											
Sample Type	Liquid											
Batch Number	1											
Date of Receipt	11/03/2021											
		LOD/LOR	Units	Method No.								
VOC MS												
Dichlorodifluoromethane	<2									<2	ug/l	TM15/PM10
Methyl Tertiary Butyl Ether	<0.1									<0.1	ug/l	TM15/PM10
Chloromethane	<3									<3	ug/l	TM15/PM10
Vinyl Chloride	<0.1									<0.1	ug/l	TM15/PM10
Bromomethane	<1									<1	ug/l	TM15/PM10
Chloroethane	<3									<3	ug/l	TM15/PM10
Trichlorofluoromethane	<3									<3	ug/l	TM15/PM10
1,1-Dichloroethene (1,1 DCE)	<3									<3	ug/l	TM15/PM10
Dichloromethane (DCM)	<5									<5	ug/l	TM15/PM10
trans-1-2-Dichloroethene	<3									<3	ug/l	TM15/PM10
1,1-Dichloroethane	<3									<3	ug/l	TM15/PM10
cis-1-2-Dichloroethene	<3									<3	ug/l	TM15/PM10
2,2-Dichloropropane	<1									<1	ug/l	TM15/PM10
Bromochloromethane	<2									<2	ug/l	TM15/PM10
Chloroform	<2									<2	ug/l	TM15/PM10
1,1,1-Trichloroethane	<2									<2	ug/l	TM15/PM10
1,1-Dichloropropene	<3									<3	ug/l	TM15/PM10
Carbon tetrachloride	<2									<2	ug/l	TM15/PM10
1,2-Dichloroethane	<2									<2	ug/l	TM15/PM10
Benzene	<0.5									<0.5	ug/l	TM15/PM10
Trichloroethene (TCE)	<3									<3	ug/l	TM15/PM10
1,2-Dichloropropane	<2									<2	ug/l	TM15/PM10
Dibromomethane	<3									<3	ug/l	TM15/PM10
Bromodichloromethane	<2									<2	ug/l	TM15/PM10
cis-1-3-Dichloropropene	<2									<2	ug/l	TM15/PM10
Toluene	<5									<5	ug/l	TM15/PM10
trans-1-3-Dichloropropene	<2									<2	ug/l	TM15/PM10
1,1,2-Trichloroethane	<2									<2	ug/l	TM15/PM10
Tetrachloroethene (PCE)	<3									<3	ug/l	TM15/PM10
1,3-Dichloropropane	<2									<2	ug/l	TM15/PM10
Dibromochloromethane	<2									<2	ug/l	TM15/PM10
1,2-Dibromoethane	<2									<2	ug/l	TM15/PM10
Chlorobenzene	<2									<2	ug/l	TM15/PM10
1,1,1,2-Tetrachloroethane	<2									<2	ug/l	TM15/PM10
Ethylbenzene	<1									<1	ug/l	TM15/PM10
m/p-Xylene	<2									<2	ug/l	TM15/PM10
o-Xylene	<1									<1	ug/l	TM15/PM10
Styrene	<2									<2	ug/l	TM15/PM10
Bromoform	<2									<2	ug/l	TM15/PM10
Isopropylbenzene	<3									<3	ug/l	TM15/PM10
1,1,2,2-Tetrachloroethane	<4									<4	ug/l	TM15/PM10
Bromobenzene	<2									<2	ug/l	TM15/PM10
1,2,3-Trichloropropane	<3									<3	ug/l	TM15/PM10
Propylbenzene	<3									<3	ug/l	TM15/PM10
2-Chlorotoluene	<3									<3	ug/l	TM15/PM10
1,3,5-Trimethylbenzene	<3									<3	ug/l	TM15/PM10
4-Chlorotoluene	<3									<3	ug/l	TM15/PM10
tert-Butylbenzene	<3									<3	ug/l	TM15/PM10
1,2,4-Trimethylbenzene	<3									<3	ug/l	TM15/PM10
sec-Butylbenzene	<3									<3	ug/l	TM15/PM10
4-Isopropyltoluene	<3									<3	ug/l	TM15/PM10
1,3-Dichlorobenzene	<3									<3	ug/l	TM15/PM10
1,4-Dichlorobenzene	<3									<3	ug/l	TM15/PM10
n-Butylbenzene	<3									<3	ug/l	TM15/PM10
1,2-Dichlorobenzene	<3									<3	ug/l	TM15/PM10
1,2-Dibromo-3-chloropropane	<2									<2	ug/l	TM15/PM10
1,2,4-Trichlorobenzene	<3									<3	ug/l	TM15/PM10
Hexachlorobutadiene	<3									<3	ug/l	TM15/PM10
Naphthalene	<2									<2	ug/l	TM15/PM10
1,2,3-Trichlorobenzene	<3									<3	ug/l	TM15/PM10
Surrogate Recovery Toluene D8	90									<0	%	TM15/PM10
Surrogate Recovery 4-Bromofluorobenzene	89									<0	%	TM15/PM10

Please see attached notes for all abbreviations and acronyms

Matrix : Liquid

QF-PM 3.1.8 v10 Please include all sections of this report if it is reproduced 5 of 10

Client Name: EPS Ltd
Reference: UK20.5032C
Location:
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.

NOTES TO ACCOMPANY ALL SCHEDULES AND REPORTS

EMT Job No.: 21/3483

SOILS

Please note we are only MCERTS accredited (UK soils only) for sand, loam and clay and any other matrix is outside our scope of accreditation.

Where an MCERTS report has been requested, you will be notified within 48 hours of any samples that have been identified as being outside our MCERTS scope. As validation has been performed on clay, sand and loam, only samples that are predominantly these matrices, or combinations of them will be within our MCERTS scope. If samples are not one of a combination of the above matrices they will not be marked as MCERTS accredited.

It is assumed that you have taken representative samples on site and require analysis on a representative subsample. Stones will generally be included unless we are requested to remove them.

All samples will be discarded one month after the date of reporting, unless we are instructed to the contrary.

If you have not already done so, please send us a purchase order if this is required by your company.

Where appropriate please make sure that our detection limits are suitable for your needs, if they are not, please notify us immediately.

All analysis is reported on a dry weight basis unless stated otherwise. Limits of detection for analyses carried out on as received samples are not moisture content corrected. Results are not surrogate corrected. Samples are dried at 35°C ±5°C unless otherwise stated. Moisture content for CEN Leachate tests are dried at 105°C ±5°C.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

Where a CEN 10:1 ZERO Headspace VOC test has been carried out, a 10:1 ratio of water to wet (as received) soil has been used.

% Asbestos in Asbestos Containing Materials (ACMs) is determined by reference to HSG 264 The Survey Guide - Appendix 2 : ACMs in buildings listed in order of ease of fibre release.

Sufficient amount of sample must be received to carry out the testing specified. Where an insufficient amount of sample has been received the testing may not meet the requirements of our accredited methods, as such accreditation may be removed.

Negative Neutralization Potential (NP) values are obtained when the volume of NaOH (0.1N) titrated (pH 8.3) is greater than the volume of HCl (1N) to reduce the pH of the sample to 2.0 - 2.5. Any negative NP values are corrected to 0.

The calculation of Pyrite content assumes that all oxidisable sulphides present in the sample are pyrite. This may not be the case. The calculation may be an overestimate when other sulphides such as Barite (Barium Sulphate) are present.

WATERS

Please note we are not a UK Drinking Water Inspectorate (DWI) Approved Laboratory .

ISO17025 accreditation applies to surface water and groundwater and usually one other matrix which is analysis specific, any other liquids are outside our scope of accreditation.

As surface waters require different sample preparation to groundwaters the laboratory must be informed of the water type when submitting samples.

Where Mineral Oil or Fats, Oils and Grease is quoted, this refers to Total Aliphatics C10-C40.

DEVIATING SAMPLES

All samples should be submitted to the laboratory in suitable containers with sufficient ice packs to sustain an appropriate temperature for the requested analysis. The temperature of sample receipt is recorded on the confirmation schedules in order that the client can make an informed decision as to whether testing should still be undertaken.

SURROGATES

Surrogate compounds are added during the preparation process to monitor recovery of analytes. However low recovery in soils is often due to peat, clay or other organic rich matrices. For waters this can be due to oxidants, surfactants, organic rich sediments or remediation fluids. Acceptable limits for most organic methods are 70 - 130% and for VOCs are 50 - 150%. When surrogate recoveries are outside the performance criteria but the associated AQC passes this is assumed to be due to matrix effect. Results are not surrogate corrected.

DILUTIONS

A dilution suffix indicates a dilution has been performed and the reported result takes this into account. No further calculation is required.

BLANKS

Where analytes have been found in the blank, the sample will be treated in accordance with our laboratory procedure for dealing with contaminated blanks.

NOTE

Data is only reported if the laboratory is confident that the data is a true reflection of the samples analysed. Data is only reported as accredited when all the requirements of our Quality System have been met. In certain circumstances where all the requirements of the Quality System have not been met, for instance if the associated AQC has failed, the reason is fully investigated and documented. The sample data is then evaluated alongside the other quality control checks performed during analysis to determine its suitability. Following this evaluation, provided the sample results have not been effected, the data is reported but accreditation is removed. It is a UKAS requirement for data not reported as accredited to be considered indicative only, but this does not mean the data is not valid.

Where possible, and if requested, samples will be re-extracted and a revised report issued with accredited results. Please do not hesitate to contact the laboratory if further details are required of the circumstances which have led to the removal of accreditation.

REPORTS FROM THE SOUTH AFRICA LABORATORY

Any method number not prefixed with SA has been undertaken in our UK laboratory unless reported as subcontracted.

Measurement Uncertainty

Measurement uncertainty defines the range of values that could reasonably be attributed to the measured quantity. This range of values has not been included within the reported results. Uncertainty expressed as a percentage can be provided upon request.

ABBREVIATIONS and ACRONYMS USED

#	ISO17025 (UKAS Ref No. 4225) accredited - UK.
SA	ISO17025 (SANAS Ref No.T0729) accredited - South Africa
B	Indicates analyte found in associated method blank.
DR	Dilution required.
M	MCERTS accredited.
NA	Not applicable
NAD	No Asbestos Detected.
ND	None Detected (usually refers to VOC and/SVOC TICs).
NDP	No Determination Possible
SS	Calibrated against a single substance
SV	Surrogate recovery outside performance criteria. This may be due to a matrix effect.
W	Results expressed on as received basis.
+	AQC failure, accreditation has been removed from this result, if appropriate, see 'Note' on previous page.
>>	Results above calibration range, the result should be considered the minimum value. The actual result could be significantly higher, this result is not accredited.
*	Analysis subcontracted to an Element Materials Technology approved laboratory.
AD	Samples are dried at 35°C ±5°C
CO	Suspected carry over
LOD/LOR	Limit of Detection (Limit of Reporting) in line with ISO 17025 and MCERTS
ME	Matrix Effect
NFD	No Fibres Detected
BS	AQC Sample
LB	Blank Sample
N	Client Sample
TB	Trip Blank Sample
OC	Outside Calibration Range

HWOL ACRONYMS AND OPERATORS USED

HS	Headspace Analysis.
EH	Extractable Hydrocarbons - i.e. everything extracted by the solvent.
CU	Clean-up - e.g. by florisil, silica gel.
1D	GC - Single coil gas chromatography.
Total	Aliphatics & Aromatics.
AL	Aliphatics only.
AR	Aromatics only.
2D	GC-GC - Double coil gas chromatography.
#1	EH_Total but with humics extracted.
#2	EU_Total but with fatty acids extracted.
_	Operator - underscore to separate acronyms (exception for +).
+	Operator to indicate cumulative e.g. EH+HS_Total or EH_CU+HS_Total
MS	Mass Spectrometry.

EMT Job No: 21/3483

Test Method No.	Description	Prep Method No. (if appropriate)	Description	ISO 17025 (UKAS/S ANAS)	MCERTS (UK soils only)	Analysis done on As Received (AR) or Dried (AD)	Reported on dry weight basis
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM16/PM30	Fractionation into aliphatic and aromatic fractions using a Rapid Trace SPE/Water samples are extracted with solvent using a magnetic stirrer to create a vortex.				
TM5	Modified 8015B v2:1996 method for the determination of solvent Extractable Petroleum Hydrocarbons (EPH) within the range C8-C40 by GCFID. For waters the solvent extracts dissolved phase plus a sheen if present.	PM30	Water samples are extracted with solvent using a magnetic stirrer to create a vortex.				
TM5/TM36	please refer to TM5 and TM36 for method details	PM12/PM16/PM30	please refer to PM16/PM30 and PM12 for method details				
TM15	Modified USEPA 8260B v2:1996. Quantitative Determination of Volatile Organic Compounds (VOCs) by Headspace GC-MS.	PM10	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.				
TM36	Modified US EPA method 8015B v2:1996. Determination of Gasoline Range Organics (GRO) in the carbon chain range of C4-12 by headspace GC-FID. MTBE by GCFID co-elutes with 3-methylpentane if present and therefore can give a false positive. Positive MTBE results will be re-run using GC-MS to double check, when requested.	PM12	Modified US EPA method 5021A v2:2014. Preparation of solid and liquid samples for GC headspace analysis.				

APPENDIX H

Waste Classification Report



Waste Classification Report



K868X-LCVQD-67FMS

Job name

Pfizer, 32 New Lane, Havant

Description/Comments

Project

UK20.5052c

Site

Pfizer, 32 New Lane, Havant

Related Documents

#	Name	Description
1	EMT-21-1423-Batch-1-File-2.hwol	.hwol file used to create the Job

Waste Stream Template

EPS Waste Stream Pfizer

Classified by

Name: Michael Judson	Company: EPS	HazWasteOnline™ Training Record:	
Date: 02 Mar 2021 11:57 GMT	Unit 7B, Caxton House	Course	Date
Telephone: 01954 710666	Broad Street, Great Cambourne	Hazardous Waste Classification	07 Dec 2016
	Cambridge	Advanced Hazardous Waste Classification	08 Dec 2016
	CB23 6JN		

Report

Created by: Michael Judson
Created date: 02 Mar 2021 11:57 GMT

Job summary

#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
1	BH10 ES2-25/01/2021-0.70-0.90m		Non Hazardous		3
2	BH16 ES2-25/01/2021-6.50m		Non Hazardous		9
3	BH03 ES1-26/01/2021-0.00-0.80m		Non Hazardous		15
4	BH03 ES2-26/01/2021-3.00-4.00m		Non Hazardous		21
5	TP22 ES2-26/01/2021-1.20m		Non Hazardous		27
6	TP16 ES1-26/01/2021-1.60m		Non Hazardous		33
7	TP30 ES1-26/01/2021-1.80m		Non Hazardous		39
8	TP15 ES1-27/01/2021-0.30-0.70m		Hazardous	HP 3(i), HP 7, HP 11	45
9	TP15 ES2-27/01/2021-1.00m		Non Hazardous		51
10	BH04 ES1-27/01/2021-0.50m		Non Hazardous		57
11	TP13 ES1-27/01/2021-0.20-0.25m		Non Hazardous		63
12	TP12 ES3-27/01/2021-2.10m		Non Hazardous		69



#	Sample Name	Depth [m]	Classification Result	Hazard properties	Page
13	BH13 ES1-28/01/2021-1.00m		Non Hazardous		75
14	BH13 ES2-28/01/2021-6.00-6.50m		Non Hazardous		81
15	TP11 ES2-28/01/2021-1.50m		Non Hazardous		87
16	TP29 ES1-28/01/2021-0.50m		Non Hazardous		93
17	BH11 ES1-28/01/2021-0.00-0.50m		Non Hazardous		96
18	BH02 ES2-29/01/2021-3.50-4.00m		Non Hazardous		102
19	BH12 ES1-29/01/2021-0.00-0.50m		Non Hazardous		108
20	BH17	0.4-0.6	Non Hazardous		114
21	TP18	1.2-1.3	Non Hazardous		117
22	WS2	0.3-0.5	Non Hazardous		120
23	WS7	0.5-0.7	Non Hazardous		123
24	WS8	0.9-1.0	Non Hazardous		126
25	WS9	0.6-0.8	Non Hazardous		129
26	BH1	2.50-3.00	Non Hazardous		132
27	BH8	0.80	Non Hazardous		135
28	BH8[2]	2.50-3.00	Non Hazardous		138
29	BH8[3]	11.95-12.00	Non Hazardous		141
30	BH12	2.50-3.00	Non Hazardous		144

Appendices	Page
Appendix A: Classifier defined and non CLP determinands	147
Appendix B: Rationale for selection of metal species	152
Appendix C: Version	152

Classification of sample: BH10 ES2-25/01/2021-0.70-0.90m

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

Sample details

Sample Name:	LoW Code:
BH10 ES2-25/01/2021-0.70-0.90m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
23.2%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 23.2% 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	603-181-00-X	216-653-1	1634-04-4	<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
2	benzene	601-020-00-8	200-753-7	71-43-2	<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }	033-001-00-X	231-148-6	7440-38-2	10.9 mg/kg		8.847 mg/kg	0.000885 %	✓	
6	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			<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
7	copper { copper(II) oxide }	029-016-00-6	215-269-1	1317-38-0	9 mg/kg	1.252	9.144 mg/kg	0.000914 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			9 mg/kg		7.305 mg/kg	0.000731 %	✓	
9	mercury { mercury }	080-001-00-0	231-106-7	7439-97-6	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
10	nickel { nickel }	028-002-00-7	231-111-4	7440-02-0	13.4 mg/kg		10.877 mg/kg	0.00109 %	✓	
11	selenium { selenium }	034-001-00-2	231-957-4	7782-49-2	<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
12	zinc { zinc oxide }	030-013-00-7	215-222-5	1314-13-2	38 mg/kg	1.245	38.392 mg/kg	0.00384 %	✓	
13	naphthalene	601-052-00-2	202-049-5	91-20-3	<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<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									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				6 µg/kg		0.0048 mg/kg	0.000000487 %	✓	
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6									
74	vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
75	styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5									
76	xylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<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]									
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<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]									
78	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]									
79	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]									
80	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									
81	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									
82	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8									
83	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]									
84	2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5									
85	2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
86	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]	95-65-8 [1]									
		202-461-5 [2]	[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]										
87	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									
88	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									
89	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									
90	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									
91	pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5									
92	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
93	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	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
100	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	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
107	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	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
112	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		40.3 mg/kg	1.462	47.809 mg/kg	0.00478 %		✓	
115	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0163 %		



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: BH16 ES2-25/01/2021-6.50m

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

Sample details

Sample Name:	LoW Code:
BH16 ES2-25/01/2021-6.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
29.2%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 29.2% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				6.5 mg/kg		5.031 mg/kg	0.000503 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		<0.1 mg/kg	<0.00001 %		<LOD
	048-001-00-5									
7	copper { copper(II) oxide }				7 mg/kg	1.252	6.782 mg/kg	0.000678 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10 mg/kg		7.74 mg/kg	0.000774 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	11.4 mg/kg		8.824 mg/kg	0.000882 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				34 mg/kg	1.245	32.756 mg/kg	0.00328 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2		<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9		<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				34 µg/kg		0.0263 mg/kg	0.00000263 %	✓	
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6									
74	vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
75	styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5									
76	xylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<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]									
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<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]									
78	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]									
79	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]									
80	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									
81	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									
82	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8									
83	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]									
84	2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5									
85	2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
86	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.01	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]	[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]										
87	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									
88	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									
89	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									
90	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									
91	pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5									
92	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
93	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	2,4-dinitrotoluene; [1] dinitrotoluene [2]	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
100	2,6-dinitrotoluene	210-106-0	606-20-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	203-401-0	106-47-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	203-102-5	103-33-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethyl) ether	203-870-1	111-44-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	hexachlorobenzene	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	201-029-3	77-47-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	3,5,5-trimethylcyclohex-2-enone; isophorone	201-126-0	78-59-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	nitrosodipropylamine	210-698-0	621-64-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	202-716-0	98-95-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		45.9 mg/kg	1.462	51.924 mg/kg	0.00519 %		✓	
115	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0154 %		



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: BH03 ES1-26/01/2021-0.00-0.80m

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

Sample details

Sample Name:	LoW Code:	
BH03 ES1-26/01/2021-0.00-0.80m	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)
30% (dry weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 30% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				7.4 mg/kg		5.692 mg/kg	0.000569 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.154 mg/kg	0.0000154 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				11 mg/kg	1.252	10.592 mg/kg	0.00106 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	46 mg/kg		35.385 mg/kg	0.00354 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	9.8 mg/kg		7.538 mg/kg	0.000754 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				60 mg/kg	1.245	57.448 mg/kg	0.00574 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.09	mg/kg		0.0692	mg/kg	0.00000692 %	✓	
20	pyrene	204-927-3	129-00-0		0.08	mg/kg		0.0615	mg/kg	0.00000615 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.09	mg/kg		0.0692	mg/kg	0.00000692 %	✓	
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.05	mg/kg		0.0385	mg/kg	0.00000385 %	✓	
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.05	mg/kg		0.0385	mg/kg	0.00000385 %	✓	
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		0.05	mg/kg		0.0385	mg/kg	0.00000385 %	✓	
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.07	mg/kg		0.0538	mg/kg	0.00000538 %	✓	
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.03	mg/kg		0.0231	mg/kg	0.00000231 %	✓	
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
		201-757-1	87-61-6									
74	vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
75	styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5									
76	polychlorobiphenyls; PCB				<35	µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
	602-039-00-4	215-648-1	1336-36-3									
77	xylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<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]									
78	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<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]									
79	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]									
80	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]									
81	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				1.041	mg/kg		0.801	mg/kg	0.0000801 %	✓	
	607-317-00-9	204-211-0	117-81-7									
82	BBP; benzyl butyl phthalate				53.468	mg/kg		41.129	mg/kg	0.00411 %	✓	
	607-430-00-3	201-622-7	85-68-7									
83	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8									
84	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]									
85	2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5									
86	2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [7]				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]									
88	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									
89	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									
90	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									
91	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									
92	pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5									
93	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	201-557-4	84-74-2		0.614 mg/kg		0.472 mg/kg	0.0000472 %	✓		
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	2,6-dinitrotoluene	609-049-00-8	210-106-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	612-137-00-9	203-401-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	611-001-00-6	203-102-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrosodipropylamine	612-098-00-8	210-698-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		61.5 mg/kg	1.462	69.143 mg/kg	0.00691 %	✓		
116	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0269 %		



Key

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

Classification of sample: BH03 ES2-26/01/2021-3.00-4.00m

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

Sample details

Sample Name:	LoW Code:	
BH03 ES2-26/01/2021-3.00-4.00m	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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				7.3 mg/kg		6.255 mg/kg	0.000626 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.171 mg/kg	0.0000171 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				8 mg/kg	1.252	8.581 mg/kg	0.000858 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	9 mg/kg		7.712 mg/kg	0.000771 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	14.6 mg/kg		12.511 mg/kg	0.00125 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				34 mg/kg	1.245	36.264 mg/kg	0.00363 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	201-757-1		87-61-6									
74	vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
75	styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5									
76	xylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<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]									
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<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]									
78	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]									
79	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]									
80	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									
81	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									
82	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8									
83	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]									
84	2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5									
85	2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
86	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]	95-65-8 [1]									
		202-461-5 [2]	[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]										
87	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									
88	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									
89	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									
90	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									
91	pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5									
92	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
93	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	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
100	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	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
107	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	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
112	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		80.4 mg/kg	1.462	100.693 mg/kg	0.0101 %		✓	
115	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0213 %		



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: TP22 ES2-26/01/2021-1.20m

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

Sample details

Sample Name:	LoW Code:
TP22 ES2-26/01/2021-1.20m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
13.1%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 13.1% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				2.3 mg/kg		2.034 mg/kg	0.000203 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.177 mg/kg	0.0000177 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				3 mg/kg	1.252	3.32 mg/kg	0.000332 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	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									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	5.3 mg/kg		4.686 mg/kg	0.000469 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				12 mg/kg	1.245	13.207 mg/kg	0.00132 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				6 µg/kg		0.0053 mg/kg	0.000000531 %	✓	
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	201-757-1		87-61-6									
74	vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
75	styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5									
76	xylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<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]									
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<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]									
78	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]									
79	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]									
80	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									
81	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									
82	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8									
83	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]									
84	2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5									
85	2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
86	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]	95-65-8 [1]									
		202-461-5 [2]	[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]										
87	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									
88	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									
89	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									
90	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									
91	pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5									
92	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
93	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	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
100	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	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
107	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	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
112	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		75.5 mg/kg	1.462	97.566 mg/kg	0.00976 %		✓	
115	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0167 %		



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: TP16 ES1-26/01/2021-1.60m

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

Sample details

Sample Name:	LoW Code:
TP16 ES1-26/01/2021-1.60m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
15%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 15% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				8.4 mg/kg		7.304 mg/kg	0.00073 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.522 mg/kg	0.0000522 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				10 mg/kg	1.252	10.885 mg/kg	0.00109 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13 mg/kg		11.304 mg/kg	0.00113 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	30.5 mg/kg		26.522 mg/kg	0.00265 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				51 mg/kg	1.245	55.2 mg/kg	0.00552 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	201-757-1		87-61-6								
74	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
75	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-026-00-0	202-851-5	100-42-5								
76	xylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<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]								
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<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]								
78	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]								
79	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]								
80	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								
81	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								
82	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-696-0	86-74-8								
83	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]								
84	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		201-857-5	88-75-5								
85	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-011-00-7	204-429-6	120-83-2								
86	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]	95-65-8 [1]								
		202-461-5 [2]	[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]									
87	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								
88	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								
89	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								
90	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								
91	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-002-00-8	201-778-6	87-86-5								
92	phenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
93	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		202-079-9	91-58-7								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	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
100	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	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
107	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	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
112	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		71.9 mg/kg	1.462	91.379 mg/kg	0.00914 %		✓	
115	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
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: TP30 ES1-26/01/2021-1.80m

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

Sample details

Sample Name:	LoW Code:
TP30 ES1-26/01/2021-1.80m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
18.9%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 18.9% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				8.5 mg/kg		7.149 mg/kg	0.000715 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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	0.7 mg/kg		0.589 mg/kg	0.0000589 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				10 mg/kg	1.252	10.528 mg/kg	0.00105 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10 mg/kg		8.41 mg/kg	0.000841 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	21.6 mg/kg		18.167 mg/kg	0.00182 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				41 mg/kg	1.245	42.921 mg/kg	0.00429 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
		201-757-1	87-61-6								
74	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
		602-023-00-7	200-831-0								
75	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		601-026-00-0	202-851-5								
76	polychlorobiphenyls; PCB				<35 µg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
		602-039-00-4	215-648-1								
77	xylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<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]								
78	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<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]								
79	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]								
80	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]								
81	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								
82	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								
83	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
			201-696-0								
			86-74-8								
84	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]								
85	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
			201-857-5								
			88-75-5								
86	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		604-011-00-7	204-429-6								
			120-83-2								
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]								
			95-65-8 [1] [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]								
88	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								
89	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								
90	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								
91	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								
92	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		604-002-00-8	201-778-6								
			87-86-5								
93	phenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
		604-001-00-2	203-632-7								
			108-95-2								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	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
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	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
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	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
113	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		63.3 mg/kg	1.462	77.81 mg/kg	0.00778 %		✓	
116	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0206 %		



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: TP15 ES1-27/01/2021-0.30-0.70m

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

Sample details

Sample Name:	LoW Code:	
TP15 ES1-27/01/2021-0.30-0.70m	Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:	17 05 03 * (Soil and stones containing hazardous substances)
11.3% (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.: 0.15%)

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.: 0.15%)

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

Because of determinand:

toluene: (conc.: 7.19e-07%)

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

Because of determinands:

mesitylene; 1,3,5-trimethylbenzene: (conc.: 3.59e-07%)

1,2,4-trimethylbenzene: (conc.: 7.19e-07%)

n-butylbenzene: (conc.: 3.59e-07%)

xylene: (conc.: 8.09e-07%)

TPH (C6 to C40) petroleum group: (conc.: 0.15%)

Determinands

Moisture content: 11.3% 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 603-181-00-X	216-653-1	1634-04-4		<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
2	benzene 601-020-00-8	200-753-7	71-43-2		<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
3	toluene 601-021-00-3	203-625-9	108-88-3		8	µg/kg		0.0071	mg/kg	0.000000719 %	✓	
4	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
5	arsenic { arsenic } 033-001-00-X	231-148-6	7440-38-2		3	mg/kg		2.695	mg/kg	0.00027 %	✓	
6	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	0.3	mg/kg		0.27	mg/kg	0.000027 %	✓	
7	copper { copper(II) oxide } 029-016-00-6	215-269-1	1317-38-0		9	mg/kg	1.252	10.122	mg/kg	0.00101 %	✓	
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	29	mg/kg		26.056	mg/kg	0.00261 %	✓	
9	mercury { mercury } 080-001-00-0	231-106-7	7439-97-6		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
10	nickel { nickel } 028-002-00-7	231-111-4	7440-02-0	7	12.7	mg/kg		11.411	mg/kg	0.00114 %	✓	
11	selenium { selenium } 034-001-00-2	231-957-4	7782-49-2		<1	mg/kg		<1	mg/kg	<0.0001 %		<LOD
12	zinc { zinc oxide } 030-013-00-7	215-222-5	1314-13-2		31	mg/kg	1.245	34.669	mg/kg	0.00347 %	✓	
13	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.027	mg/kg		<0.027	mg/kg	<0.0000027 %		<LOD
14	acenaphthylene 205-917-1	208-96-8			<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene 201-469-6	83-32-9			<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene 201-695-5	86-73-7			<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene 201-581-5	85-01-8			0.07	mg/kg		0.0629	mg/kg	0.00000629 %	✓	
18	anthracene 204-371-1	120-12-7			<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene 205-912-4	206-44-0			0.03	mg/kg		0.027	mg/kg	0.0000027 %	✓	
20	pyrene 204-927-3	129-00-0			0.04	mg/kg		0.0359	mg/kg	0.00000359 %	✓	
21	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene 601-048-00-0	205-923-4	218-01-9		<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene 205-883-8	191-24-2			<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<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							
27	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
28	benzo[k]fluoranthene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
29	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
30	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
31	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
32	chloroethane				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
33	trichlorofluoromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-892-3	75-69-4							
34	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							
35	dichloromethane; methylene chloride				<30 µg/kg		<0.03 mg/kg	<0.000003 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
36	1,1-dichloroethane				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
37	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
38	bromochloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-826-3	74-97-5							
39	chloroform; trichloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-006-00-4	200-663-8	67-66-3							
40	1,1,1-trichloroethane; methyl chloroform				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-013-00-2	200-756-3	71-55-6							
41	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-031-00-0	209-253-3	563-58-6							
42	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-008-00-5	200-262-8	56-23-5							
43	1,2-dichloroethane; ethylene dichloride				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-012-00-7	203-458-1	107-06-2							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
56	1,1,1,2-tetrachloroethane	211-135-1	630-20-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
57	bromoform; tribromomethane	602-007-00-X	200-854-6	75-25-2	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
58	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
59	bromobenzene	602-060-00-9	203-623-8	108-86-1	<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
60	1,2,3-trichloropropane	602-062-00-X	202-486-1	96-18-4	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
61	mesitylene; 1,3,5-trimethylbenzene	601-025-00-5	203-604-4	108-67-8	4 µg/kg		0.0035 mg/kg	0.000000359 %	✓		
62	tert-butylbenzene	202-632-4	98-06-6		<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
63	1,2,4-trimethylbenzene	601-043-00-3	202-436-9	95-63-6	8 µg/kg		0.0071 mg/kg	0.000000719 %	✓		
64	sec-butylbenzene	205-227-0	135-98-8		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
65	4-isopropyltoluene	202-796-7	99-87-6		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
66	1,3-dichlorobenzene	602-067-00-7	208-792-1	541-73-1	<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
67	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
68	n-butylbenzene	203-209-7	104-51-8		4 µg/kg		0.0035 mg/kg	0.000000359 %	✓		
69	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
70	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
71	1,2,4-trichlorobenzene	602-087-00-6	204-428-0	120-82-1	<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
72	hexachlorobutadiene	201-765-5	87-68-3		<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
77	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]	0.009 mg/kg		0.008 mg/kg	0.000000809 %	✓		
78	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]	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
79	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
80	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



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
81	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							
82	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							
83	carbazole				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8							
84	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]							
85	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5							
86	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2							
87	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] 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]							
88	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							
89	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							
90	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							
91	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							
92	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5							
93	phenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2							
94	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7							
95	2-methyl naphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6							
96	dibutyl phthalate; DBP				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2							
97	di-n-octyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0							
98	diethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2							
99	dimethyl phthalate				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3							
100	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]							
101	2,6-dinitrotoluene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2							
102	4-bromophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3							
103	4-chloroaniline				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8							
104	4-chlorophenylphenylether				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3							
105	azobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
106	• bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	• bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	• dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	• hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrosodipropylamine	612-098-00-8	210-698-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { • chromium(III) oxide }	215-160-9	1308-38-9		137.9 mg/kg	1.462	181.086 mg/kg	0.0181 %		✓	
116	• TPH (C6 to C40) petroleum group		TPH		1674 mg/kg		1504.043 mg/kg	0.15 %		✓	
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.177 %		

Key

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

Classification of sample: TP15 ES2-27/01/2021-1.00m

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

Sample details

Sample Name:	LoW Code:
TP15 ES2-27/01/2021-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
16.4%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 16.4% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				4.3 mg/kg		3.694 mg/kg	0.000369 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.344 mg/kg	0.0000344 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				7 mg/kg	1.252	7.528 mg/kg	0.000753 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	18 mg/kg		15.464 mg/kg	0.00155 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	13.8 mg/kg		11.856 mg/kg	0.00119 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				24 mg/kg	1.245	25.664 mg/kg	0.00257 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene				<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
	201-757-1		87-61-6									
74	vinyl chloride; chloroethylene				<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
	602-023-00-7	200-831-0	75-01-4									
75	styrene				<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
	601-026-00-0	202-851-5	100-42-5									
76	xylene				<0.012	mg/kg		<0.012	mg/kg	<0.0000012 %		<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]									
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10	µg/kg		<0.01	mg/kg	<0.000001 %		<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]									
78	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]									
79	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]									
80	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									
81	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									
82	carbazole				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-696-0	86-74-8									
83	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]									
84	2-nitrophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		201-857-5	88-75-5									
85	2,4-dichlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-011-00-7	204-429-6	120-83-2									
86	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]	95-65-8 [1]									
		202-461-5 [2]	[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]										
87	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									
88	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									
89	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									
90	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									
91	pentachlorophenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-002-00-8	201-778-6	87-86-5									
92	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
93	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
100	2,6-dinitrotoluene	609-049-00-8	210-106-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	612-137-00-9	203-401-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	611-001-00-6	203-102-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	hexachlorobenzene	602-065-00-6	204-273-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	nitrosodipropylamine	612-098-00-8	210-698-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	609-003-00-7	202-716-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		114.8 mg/kg	1.462	144.147 mg/kg	0.0144 %		✓	
115	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.025 %		



Key

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

Classification of sample: BH04 ES1-27/01/2021-0.50m

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

Sample details

Sample Name:	LoW Code:
BH04 ES1-27/01/2021-0.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
14.6%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				4.6 mg/kg		4.014 mg/kg	0.000401 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.524 mg/kg	0.0000524 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				6 mg/kg	1.252	6.554 mg/kg	0.000655 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6 mg/kg		5.236 mg/kg	0.000524 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	11.6 mg/kg		10.122 mg/kg	0.00101 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				23 mg/kg	1.245	24.981 mg/kg	0.0025 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
77	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]	<0.012 mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
78	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]	<10 µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	2,4-dinitrotoluene; [1] dinitrotoluene [2]	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
101	2,6-dinitrotoluene	210-106-0	606-20-2		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	203-401-0	106-47-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	203-102-5	103-33-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	bis(2-chloroethyl) ether	203-870-1	111-44-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	204-273-9	118-74-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	201-029-3	77-47-4		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	3,5,5-trimethylcyclohex-2-enone; isophorone	201-126-0	78-59-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrosodipropylamine	210-698-0	621-64-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	202-716-0	98-95-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		78.1 mg/kg	1.462	99.605 mg/kg	0.00996 %		✓	
116	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
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: TP13 ES1-27/01/2021-0.20-0.25m

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

Sample details

Sample Name:	LoW Code:
TP13 ES1-27/01/2021-0.20-0.25m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12.5%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.5% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				6.4 mg/kg		5.689 mg/kg	0.000569 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.267 mg/kg	0.0000267 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				11 mg/kg	1.252	12.24 mg/kg	0.00122 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	17 mg/kg		15.111 mg/kg	0.00151 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	10.8 mg/kg		9.6 mg/kg	0.00096 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				47 mg/kg	1.245	52.001 mg/kg	0.0052 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		0.06	mg/kg		0.0533	mg/kg	0.00000533 %	✓	
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.14	mg/kg		0.124	mg/kg	0.0000124 %	✓	
18	anthracene	204-371-1	120-12-7		0.08	mg/kg		0.0711	mg/kg	0.00000711 %	✓	
19	fluoranthene	205-912-4	206-44-0		0.57	mg/kg		0.507	mg/kg	0.0000507 %	✓	
20	pyrene	204-927-3	129-00-0		0.79	mg/kg		0.702	mg/kg	0.0000702 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.35	mg/kg		0.311	mg/kg	0.0000311 %	✓	
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.37	mg/kg		0.329	mg/kg	0.0000329 %	✓	
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	0.33	mg/kg		0.293	mg/kg	0.0000293 %	✓	
24	indeno[123-cd]pyrene	205-893-2	193-39-5		0.21	mg/kg		0.187	mg/kg	0.0000187 %	✓	
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	0.05	mg/kg		0.0444	mg/kg	0.00000444 %	✓	
26	benzo[ghi]perylene	205-883-8	191-24-2		0.21	mg/kg		0.187	mg/kg	0.0000187 %	✓	
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.46	mg/kg		0.409	mg/kg	0.0000409 %	✓	
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.18	mg/kg		0.16	mg/kg	0.000016 %	✓	
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	201-757-1		87-61-6								
74	vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-023-00-7	200-831-0	75-01-4								
75	styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	601-026-00-0	202-851-5	100-42-5								
76	xylene				<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<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]								
77	1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10 µg/kg		<0.01 mg/kg	<0.000001 %			<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]								
78	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]								
79	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]								
80	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								
81	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								
82	carbazole				0.02 mg/kg		0.0178 mg/kg	0.00000178 %		✓	
	201-696-0		86-74-8								
83	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]								
84	2-nitrophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	201-857-5		88-75-5								
85	2,4-dichlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-011-00-7	204-429-6	120-83-2								
86	3,4-xyleneol; [1] 2,5-xyleneol; [2] 2,4-xyleneol; [3] 2,3-xyleneol; [4] 2,6-xyleneol; [5] xyleneol; [6] 2,4(or 2,5)-xyleneol [7]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-006-00-X	202-439-5 [1] 202-461-5 [2] 203-321-6 [3] 208-395-3 [4] 209-400-1 [5] 215-089-3 [6] 276-245-4 [7]	95-65-8 [1] 95-87-4 [2] 105-67-9 [3] 526-75-0 [4] 576-26-1 [5] 1300-71-6 [6] 71975-58-1 [7]								
87	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								
88	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								
89	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								
90	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								
91	pentachlorophenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-002-00-8	201-778-6	87-86-5								
92	phenol				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	604-001-00-2	203-632-7	108-95-2								
93	2-chloronaphthalene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	202-079-9		91-58-7								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
94	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
96	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	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
100	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	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
107	dibenzofuran	205-071-3	132-64-9		0.012 mg/kg		0.0107 mg/kg	0.00000107 %	✓		
108	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	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
112	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	chromium { chromium(III) oxide }	215-160-9	1308-38-9		55.6 mg/kg	1.462	72.233 mg/kg	0.00722 %	✓		
115	TPH (C6 to C40) petroleum group		TPH		266 mg/kg		236.444 mg/kg	0.0236 %	✓		
116	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
117	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0409 %		



Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because 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.: 0.0236%)

Classification of sample: TP12 ES3-27/01/2021-2.10m

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

Sample details

Sample Name:	LoW Code:
TP12 ES3-27/01/2021-2.10m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
10.8%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 10.8% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				3.2 mg/kg		2.888 mg/kg	0.000289 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.361 mg/kg	0.0000361 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				5 mg/kg	1.252	5.649 mg/kg	0.000565 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	6 mg/kg		5.415 mg/kg	0.000542 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	9.2 mg/kg		8.303 mg/kg	0.00083 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				15 mg/kg	1.245	16.851 mg/kg	0.00169 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
77	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]	<0.012 mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
78	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]	<10 µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	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
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	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
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	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
113	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		104.8 mg/kg	1.462	138.241 mg/kg	0.0138 %		✓	
116	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0219 %		



Key

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

Classification of sample: BH13 ES1-28/01/2021-1.00m

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

Sample details

Sample Name:	LoW Code:
BH13 ES1-28/01/2021-1.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
7.5%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 7.5% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				26 µg/kg		0.0242 mg/kg	0.00000242 %	✓	
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				6 µg/kg		0.0055 mg/kg	0.000000558 %	✓	
	601-023-00-4	202-849-4	100-41-4							
5	arsenic { arsenic }				4.2 mg/kg		3.907 mg/kg	0.000391 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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									
7	copper { copper(II) oxide }				4 mg/kg	1.252	4.658 mg/kg	0.000466 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	10 mg/kg		9.302 mg/kg	0.00093 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	5.3 mg/kg		4.93 mg/kg	0.000493 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				44 mg/kg	1.245	50.946 mg/kg	0.00509 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	mesitylene; 1,3,5-trimethylbenzene				5 µg/kg		0.0046 mg/kg	0.000000465 %	✓	
	601-025-00-5	203-604-4	108-67-8							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				10 µg/kg		0.0093 mg/kg	0.00000093 %	✓	
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7	µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35	µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
77	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]	0.043	mg/kg		0.04	mg/kg	0.000004 %	✓	
78	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]	<10	µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	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
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	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
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	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
113	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		24.4 mg/kg	1.462	33.174 mg/kg	0.00332 %		✓	
116	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0148 %		



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 determinands:

toluene: (conc.: 2.42e-06%)

ethylbenzene: (conc.: 5.58e-07%)

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

Because of determinands:

mesitylene; 1,3,5-trimethylbenzene: (conc.: 4.65e-07%)

1,2,4-trimethylbenzene: (conc.: 9.3e-07%)

xylene: (conc.: 4.0e-06%)

Classification of sample: BH13 ES2-28/01/2021-6.00-6.50m

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

Sample details

Sample Name:	LoW Code:
BH13 ES2-28/01/2021-6.00-6.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
24.4%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 24.4% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				10.1 mg/kg		8.119 mg/kg	0.000812 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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									
7	copper { copper(II) oxide }				9 mg/kg	1.252	9.056 mg/kg	0.000906 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11 mg/kg		8.842 mg/kg	0.000884 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	13.3 mg/kg		10.691 mg/kg	0.00107 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				40 mg/kg	1.245	40.023 mg/kg	0.004 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	<0.06	mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4	218-01-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
77	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]	<0.012 mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
78	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]	<10 µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	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
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	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
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	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
113	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		42.1 mg/kg	1.462	49.463 mg/kg	0.00495 %		✓	
116	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0167 %		



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: TP11 ES2-28/01/2021-1.50m

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

Sample details

Sample Name:	LoW Code:
TP11 ES2-28/01/2021-1.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
20.6%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 20.6% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	arsenic { arsenic }				7.6 mg/kg		6.302 mg/kg	0.00063 %	✓	
	033-001-00-X	231-148-6	7440-38-2							
6	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		0.249 mg/kg	0.0000249 %	✓	
	048-001-00-5									
7	copper { copper(II) oxide }				11 mg/kg	1.252	11.418 mg/kg	0.00114 %	✓	
	029-016-00-6	215-269-1	1317-38-0							
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		15.755 mg/kg	0.00158 %	✓	
	082-001-00-6									
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6							
10	nickel { nickel }			7	18.9 mg/kg		15.672 mg/kg	0.00157 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2							
12	zinc { zinc oxide }				47 mg/kg	1.245	48.509 mg/kg	0.00485 %	✓	
	030-013-00-7	215-222-5	1314-13-2							
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
14	acenaphthylene	205-917-1	208-96-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05	mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.16	mg/kg		0.133	mg/kg	0.0000133 %	✓	
20	pyrene	204-927-3	129-00-0		0.18	mg/kg		0.149	mg/kg	0.0000149 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6	56-55-3	0.1	mg/kg		0.0829	mg/kg	0.00000829 %	✓	
22	chrysene	601-048-00-0	205-923-4	218-01-9	0.11	mg/kg		0.0912	mg/kg	0.00000912 %	✓	
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5	50-32-8	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8	53-70-3	<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9	205-99-2	0.07	mg/kg		0.058	mg/kg	0.0000058 %	✓	
28	benzo[k]fluoranthene	601-036-00-5	205-916-6	207-08-9	0.03	mg/kg		0.0249	mg/kg	0.00000249 %	✓	
29	dichlorodifluoromethane	200-893-9	75-71-8		<2	µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4	74-87-3	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2	74-83-9	<1	µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5	75-00-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0	75-35-4	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9	75-09-2	<30	µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5	75-34-3	<6	µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8	67-66-3	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3	71-55-6	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3	563-58-6	<3	µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8	56-23-5	<4	µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1	107-06-2	<5	µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007	mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035	mg/kg	<0.0000035 %		<LOD
77	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]	<0.012 mg/kg		<0.012	mg/kg	<0.0000012 %		<LOD
78	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]	<10 µg/kg		<0.01	mg/kg	<0.000001 %		<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
87	3,4-xlenol; [1] 2,5-xlenol; [2] 2,4-xlenol; [3] 2,3-xlenol; [4] 2,6-xlenol; [5] xlenol; [6] 2,4(or 2,5)-xlenol [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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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								
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
96	dibutyl phthalate; DBP	201-557-4	84-74-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
100	2,4-dinitrotoluene; [1] dinitrotoluene [2]	609-007-00-9	204-450-0 [1] 246-836-1 [2]		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
101	2,6-dinitrotoluene	609-049-00-8	210-106-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
103	4-chloroaniline	612-137-00-9	203-401-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
105	azobenzene	611-001-00-6	203-102-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
107	bis(2-chloroethyl) ether	603-029-00-2	203-870-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
108	dibenzofuran	205-071-3	132-64-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
112	3,5,5-trimethylcyclohex-2-enone; isophorone	606-012-00-8	201-126-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
113	nitrosodipropylamine	612-098-00-8	210-698-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
114	nitrobenzene	609-003-00-7	202-716-0		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		75.1 mg/kg	1.462	91.014 mg/kg	0.0091 %		✓	
116	TPH (C6 to C40) petroleum group		TPH		182 mg/kg		150.912 mg/kg	0.0151 %		✓	
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
Total:									0.0343 %		



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.: 0.0151%)



Classification of sample: TP29 ES1-28/01/2021-0.50m

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

Sample details

Sample Name:	LoW Code:
TP29 ES1-28/01/2021-0.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
21.1%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 21.1% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<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	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
6	dichlorodifluoromethane				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
		200-893-9	75-71-8							
7	chloromethane; methyl chloride				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-001-00-7	200-817-4	74-87-3							
8	bromomethane; methylbromide				<1 µg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	602-002-00-2	200-813-2	74-83-9							
9	chloroethane				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-009-00-0	200-830-5	75-00-3							
10	trichlorofluoromethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		200-892-3	75-69-4							
11	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							
12	dichloromethane; methylene chloride				<30 µg/kg		<0.03 mg/kg	<0.0000003 %		<LOD
	602-004-00-3	200-838-9	75-09-2							
13	1,1-dichloroethane				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	602-011-00-1	200-863-5	75-34-3							
14	2,2-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		209-832-0	594-20-7							
15	bromochloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-826-3	74-97-5							
16	chloroform; trichloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-006-00-4	200-663-8	67-66-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
17	1,1,1-trichloroethane; methyl chloroform				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	602-013-00-2	200-756-3	71-55-6								
18	1,1-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-031-00-0	209-253-3	563-58-6								
19	carbon tetrachloride; tetrachloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-008-00-5	200-262-8	56-23-5								
20	1,2-dichloroethane; ethylene dichloride				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	602-012-00-7	203-458-1	107-06-2								
21	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	602-027-00-9	201-167-4	79-01-6								
22	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-020-00-0	201-152-2	78-87-5								
23	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-003-00-8	200-824-2	74-95-3								
24	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		200-856-7	75-27-4								
25	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]								
26	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		431-460-4	10061-02-6								
27	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-014-00-8	201-166-9	79-00-5								
28	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
29	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		205-531-3	142-28-9								
30	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		204-704-0	124-48-1								
31	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-010-00-6	203-444-5	106-93-4								
32	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-033-00-1	203-628-5	108-90-7								
33	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		211-135-1	630-20-6								
34	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-007-00-X	200-854-6	75-25-2								
35	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								
36	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-060-00-9	203-623-8	108-86-1								
37	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-062-00-X	202-486-1	96-18-4								
38	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								
39	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		202-632-4	98-06-6								
40	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	601-043-00-3	202-436-9	95-63-6								
41	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		205-227-0	135-98-8								
42	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		202-796-7	99-87-6								
43	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
44	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								
45	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		203-209-7	104-51-8								



#		Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		CLP index number	EC Number	CAS Number								
46		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								
47		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								
48		1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
		602-087-00-6	204-428-0	120-82-1								
49	●	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD	
			201-765-5	87-68-3								
50	●	1,2,3-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD	
			201-757-1	87-61-6								
51		vinyl chloride; chloroethylene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD	
		602-023-00-7	200-831-0	75-01-4								
52		styrene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD	
		601-026-00-0	202-851-5	100-42-5								
53		xylene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<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]								
54		1,2-dichloroethylene; [1] cis-dichloroethylene; [2] trans-dichloroethylene [3]				<10 µg/kg		<0.01 mg/kg	<0.000001 %		<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]								
55		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]								
56		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]								
Total:									0.00002 %			

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)
<LOD	Below limit of detection
ND	Not detected



Classification of sample: BH11 ES1-28/01/2021-0.00-0.50m



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

Sample details

Sample Name:	LoW Code:
BH11 ES1-28/01/2021-0.00-0.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12.9%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 12.9% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<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	arsenic { arsenic }				5.1 mg/kg		4.517 mg/kg	0.000452 %		✓	
	033-001-00-X	231-148-6	7440-38-2								
6	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		0.177 mg/kg	0.0000177 %		✓	
	048-001-00-5										
7	copper { copper(II) oxide }				7 mg/kg	1.252	7.761 mg/kg	0.000776 %		✓	
	029-016-00-6	215-269-1	1317-38-0								
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	15 mg/kg		13.286 mg/kg	0.00133 %		✓	
	082-001-00-6										
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
10	nickel { nickel }			7	7.6 mg/kg		6.732 mg/kg	0.000673 %		✓	
	028-002-00-7	231-111-4	7440-02-0								
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
12	zinc { zinc oxide }				29 mg/kg	1.245	31.972 mg/kg	0.0032 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	acenaphthylene	205-917-1	208-96-8		<0.03 mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.1 mg/kg		0.0886	mg/kg	0.00000886 %	✓	
18	anthracene	204-371-1	120-12-7		0.05 mg/kg		0.0443	mg/kg	0.00000443 %	✓	
19	fluoranthene	205-912-4	206-44-0		0.32 mg/kg		0.283	mg/kg	0.0000283 %	✓	
20	pyrene	204-927-3	129-00-0		0.34 mg/kg		0.301	mg/kg	0.0000301 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.19 mg/kg		0.168	mg/kg	0.0000168 %	✓	
22	chrysene	601-048-00-0	205-923-4		0.18 mg/kg		0.159	mg/kg	0.0000159 %	✓	
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.15 mg/kg		0.133	mg/kg	0.0000133 %	✓	
24	indeno[123-cd]pyrene	205-893-2	193-39-5		0.09 mg/kg		0.0797	mg/kg	0.00000797 %	✓	
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		0.09 mg/kg		0.0797	mg/kg	0.00000797 %	✓	
27	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.21 mg/kg		0.186	mg/kg	0.0000186 %	✓	
28	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.08 mg/kg		0.0709	mg/kg	0.00000709 %	✓	
29	dichlorodifluoromethane	200-893-9	75-71-8		<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2		<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9		<30 µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]	542-75-6 [1]							
		233-195-8 [2]	10061-01-5 [2]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035 mg/kg	<0.0000035 %			<LOD
77	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]	<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %			<LOD
78	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]	<10 µg/kg		<0.01 mg/kg	<0.000001 %			<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
87	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] 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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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									
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
96	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
100	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
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
103	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
105	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
107	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
108	dibenzofuran	205-071-3	132-64-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
112	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
113	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
114	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		48.3	mg/kg	1.462	62.527	mg/kg	0.00625 %	✓	
116	TPH (C6 to C40) petroleum group		TPH		276	mg/kg		244.464	mg/kg	0.0244 %	✓	
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
Total:										0.0376 %		



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.: 0.0244%)



Classification of sample: BH02 ES2-29/01/2021-3.50-4.00m

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

Sample details

Sample Name:	LoW Code:
BH02 ES2-29/01/2021-3.50-4.00m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
12.4%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

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				<6 µg/kg		<0.006 mg/kg		<0.0000006 %		<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<5 µg/kg		<0.005 mg/kg		<0.0000005 %		<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	arsenic { arsenic }				2.7 mg/kg		2.402 mg/kg		0.00024 %	✓	
	033-001-00-X	231-148-6	7440-38-2								
6	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		0.267 mg/kg		0.0000267 %	✓	
	048-001-00-5										
7	copper { copper(II) oxide }				5 mg/kg	1.252	5.568 mg/kg		0.000557 %	✓	
	029-016-00-6	215-269-1	1317-38-0								
8	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										
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg		<0.00001 %		<LOD
	080-001-00-0	231-106-7	7439-97-6								
10	nickel { nickel }			7	8.6 mg/kg		7.651 mg/kg		0.000765 %	✓	
	028-002-00-7	231-111-4	7440-02-0								
11	selenium { selenium }				<1 mg/kg		<1 mg/kg		<0.0001 %		<LOD
	034-001-00-2	231-957-4	7782-49-2								
12	zinc { zinc oxide }				12 mg/kg	1.245	13.289 mg/kg		0.00133 %	✓	
	030-013-00-7	215-222-5	1314-13-2								
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg		<0.0000027 %		<LOD
	601-052-00-2	202-049-5	91-20-3								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	acenaphthylene	205-917-1	208-96-8		<0.03 mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		<0.03 mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
18	anthracene	204-371-1	120-12-7		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		<0.03 mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
20	pyrene	204-927-3	129-00-0		<0.03 mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
21	benzo[a]anthracene	601-033-00-9	200-280-6		<0.06 mg/kg		<0.06	mg/kg	<0.000006 %		<LOD
22	chrysene	601-048-00-0	205-923-4		<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
24	indeno[123-cd]pyrene	205-893-2	193-39-5		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
27	benzo[b]fluoranthene	601-034-00-4	205-911-9		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
28	benzo[k]fluoranthene	601-036-00-5	205-916-6		<0.02 mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
29	dichlorodifluoromethane	200-893-9	75-71-8		<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2		<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9		<30 µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
	602-027-00-9	201-167-4	79-01-6								
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-020-00-0	201-152-2	78-87-5								
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-003-00-8	200-824-2	74-95-3								
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		200-856-7	75-27-4								
48	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]								
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
		431-460-4	10061-02-6								
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-014-00-8	201-166-9	79-00-5								
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-028-00-4	204-825-9	127-18-4								
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		205-531-3	142-28-9								
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		204-704-0	124-48-1								
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %			<LOD
	602-010-00-6	203-444-5	106-93-4								
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-033-00-1	203-628-5	108-90-7								
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		211-135-1	630-20-6								
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-007-00-X	200-854-6	75-25-2								
58	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								
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %			<LOD
	602-060-00-9	203-623-8	108-86-1								
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-062-00-X	202-486-1	96-18-4								
61	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								
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<LOD
		202-632-4	98-06-6								
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	601-043-00-3	202-436-9	95-63-6								
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		205-227-0	135-98-8								
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		202-796-7	99-87-6								
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
	602-067-00-7	208-792-1	541-73-1								
67	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								
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		203-209-7	104-51-8								
69	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								
70	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								
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %			<LOD
	602-087-00-6	204-428-0	120-82-1								
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %			<LOD
		201-765-5	87-68-3								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
77	coronene	205-881-7	191-07-1		<0.04 mg/kg		<0.04 mg/kg	<0.000004 %		<LOD
78	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]	<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
79	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]	<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
80	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
81	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
82	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
83	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
84	carbazole	201-696-0	86-74-8		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	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
86	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	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
89	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
90	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
91	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
92	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
93	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<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									
94	phenol				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	604-001-00-2	203-632-7	108-95-2									
95	2-chloronaphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-079-9	91-58-7									
96	2-methyl naphthalene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-078-3	91-57-6									
97	dibutyl phthalate; DBP				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
	607-318-00-4	201-557-4	84-74-2									
98	di-n-octyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		204-214-7	117-84-0									
99	diethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		201-550-6	84-66-2									
100	dimethyl phthalate				<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
		205-011-6	131-11-3									
101	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]									
102	2,6-dinitrotoluene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	609-049-00-8	210-106-0	606-20-2									
103	4-bromophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		202-952-4	101-55-3									
104	4-chloroaniline				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	612-137-00-9	203-401-0	106-47-8									
105	4-chlorophenylphenylether				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		230-281-7	7005-72-3									
106	azobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	611-001-00-6	203-102-5	103-33-3									
107	bis(2-chloroethoxy)methane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		203-920-2	111-91-1									
108	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									
109	dibenzofuran				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		205-071-3	132-64-9									
110	hexachlorobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1									
111	hexachlorocyclopentadiene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	602-078-00-7	201-029-3	77-47-4									
112	hexachloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		200-666-4	67-72-1									
113	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									
114	nitrosodipropylamine				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	612-098-00-8	210-698-0	621-64-7									
115	nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	609-003-00-7	202-716-0	98-95-3									
116	chromium { chromium(III) oxide }				93.6	mg/kg	1.462	121.71	mg/kg	0.0122 %	✓	
		215-160-9	1308-38-9									
117	TPH (C6 to C40) petroleum group				<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
			TPH									
118	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]									
119	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:										0.0197 %		



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: BH12 ES1-29/01/2021-0.00-0.50m

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

Sample details

Sample Name:	LoW Code:
BH12 ES1-29/01/2021-0.00-0.50m	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
25%	Entry:
(dry weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 25% 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				<6 µg/kg		<0.006 mg/kg	<0.0000006 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %			<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	arsenic { arsenic }				6.2 mg/kg		4.96 mg/kg	0.000496 %		✓	
	033-001-00-X	231-148-6	7440-38-2								
6	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		0.32 mg/kg	0.000032 %		✓	
	048-001-00-5										
7	copper { copper(II) oxide }				34 mg/kg	1.252	34.048 mg/kg	0.0034 %		✓	
	029-016-00-6	215-269-1	1317-38-0								
8	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	58 mg/kg		46.4 mg/kg	0.00464 %		✓	
	082-001-00-6										
9	mercury { mercury }				<0.1 mg/kg		<0.1 mg/kg	<0.00001 %			<LOD
	080-001-00-0	231-106-7	7439-97-6								
10	nickel { nickel }			7	12.4 mg/kg		9.92 mg/kg	0.000992 %		✓	
	028-002-00-7	231-111-4	7440-02-0								
11	selenium { selenium }				<1 mg/kg		<1 mg/kg	<0.0001 %			<LOD
	034-001-00-2	231-957-4	7782-49-2								
12	zinc { zinc oxide }				94 mg/kg	1.245	93.602 mg/kg	0.00936 %		✓	
	030-013-00-7	215-222-5	1314-13-2								
13	naphthalene				<0.027 mg/kg		<0.027 mg/kg	<0.0000027 %			<LOD
	601-052-00-2	202-049-5	91-20-3								



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
14	acenaphthylene	205-917-1	208-96-8		<0.03 mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
15	acenaphthene	201-469-6	83-32-9		<0.05 mg/kg		<0.05	mg/kg	<0.000005 %		<LOD
16	fluorene	201-695-5	86-73-7		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
17	phenanthrene	201-581-5	85-01-8		0.06 mg/kg		0.048	mg/kg	0.0000048 %	✓	
18	anthracene	204-371-1	120-12-7		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
19	fluoranthene	205-912-4	206-44-0		0.29 mg/kg		0.232	mg/kg	0.0000232 %	✓	
20	pyrene	204-927-3	129-00-0		0.25 mg/kg		0.2	mg/kg	0.00002 %	✓	
21	benzo[a]anthracene	601-033-00-9	200-280-6		0.18 mg/kg		0.144	mg/kg	0.0000144 %	✓	
22	chrysene	601-048-00-0	205-923-4		0.19 mg/kg		0.152	mg/kg	0.0000152 %	✓	
23	benzo[a]pyrene; benzo[def]chrysene	601-032-00-3	200-028-5		0.2 mg/kg		0.16	mg/kg	0.000016 %	✓	
24	indeno[123-cd]pyrene	205-893-2	193-39-5		0.13 mg/kg		0.104	mg/kg	0.0000104 %	✓	
25	dibenz[a,h]anthracene	601-041-00-2	200-181-8		<0.04 mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
26	benzo[ghi]perylene	205-883-8	191-24-2		0.13 mg/kg		0.104	mg/kg	0.0000104 %	✓	
27	benzo[b]fluoranthene	601-034-00-4	205-911-9		0.24 mg/kg		0.192	mg/kg	0.0000192 %	✓	
28	benzo[k]fluoranthene	601-036-00-5	205-916-6		0.1 mg/kg		0.08	mg/kg	0.000008 %	✓	
29	dichlorodifluoromethane	200-893-9	75-71-8		<2 µg/kg		<0.002	mg/kg	<0.0000002 %		<LOD
30	chloromethane; methyl chloride	602-001-00-7	200-817-4		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
31	bromomethane; methylbromide	602-002-00-2	200-813-2		<1 µg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
32	chloroethane	602-009-00-0	200-830-5		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
33	trichlorofluoromethane	200-892-3	75-69-4		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
34	1,1-dichloroethylene; vinylidene chloride	602-025-00-8	200-864-0		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
35	dichloromethane; methylene chloride	602-004-00-3	200-838-9		<30 µg/kg		<0.03	mg/kg	<0.000003 %		<LOD
36	1,1-dichloroethane	602-011-00-1	200-863-5		<6 µg/kg		<0.006	mg/kg	<0.0000006 %		<LOD
37	2,2-dichloropropane	209-832-0	594-20-7		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
38	bromochloromethane	200-826-3	74-97-5		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
39	chloroform; trichloromethane	602-006-00-4	200-663-8		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
40	1,1,1-trichloroethane; methyl chloroform	602-013-00-2	200-756-3		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD
41	1,1-dichloropropene	602-031-00-0	209-253-3		<3 µg/kg		<0.003	mg/kg	<0.0000003 %		<LOD
42	carbon tetrachloride; tetrachloromethane	602-008-00-5	200-262-8		<4 µg/kg		<0.004	mg/kg	<0.0000004 %		<LOD
43	1,2-dichloroethane; ethylene dichloride	602-012-00-7	203-458-1		<5 µg/kg		<0.005	mg/kg	<0.0000005 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
44	trichloroethylene; trichloroethene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
	602-027-00-9	201-167-4	79-01-6							
45	1,2-dichloropropane; propylene dichloride				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-020-00-0	201-152-2	78-87-5							
46	dibromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-003-00-8	200-824-2	74-95-3							
47	bromodichloromethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		200-856-7	75-27-4							
48	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]							
49	trans-1,3-dichloropropene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
		431-460-4	10061-02-6							
50	1,1,2-trichloroethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-014-00-8	201-166-9	79-00-5							
51	tetrachloroethylene				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-028-00-4	204-825-9	127-18-4							
52	1,3-dichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-531-3	142-28-9							
53	dibromochloromethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		204-704-0	124-48-1							
54	1,2-dibromoethane				<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
	602-010-00-6	203-444-5	106-93-4							
55	chlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-033-00-1	203-628-5	108-90-7							
56	1,1,1,2-tetrachloroethane				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		211-135-1	630-20-6							
57	bromoform; tribromomethane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-007-00-X	200-854-6	75-25-2							
58	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							
59	bromobenzene				<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	602-060-00-9	203-623-8	108-86-1							
60	1,2,3-trichloropropane				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-062-00-X	202-486-1	96-18-4							
61	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							
62	tert-butylbenzene				<5 µg/kg		<0.005 mg/kg	<0.0000005 %		<LOD
		202-632-4	98-06-6							
63	1,2,4-trimethylbenzene				<6 µg/kg		<0.006 mg/kg	<0.0000006 %		<LOD
	601-043-00-3	202-436-9	95-63-6							
64	sec-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		205-227-0	135-98-8							
65	4-isopropyltoluene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		202-796-7	99-87-6							
66	1,3-dichlorobenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
	602-067-00-7	208-792-1	541-73-1							
67	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							
68	n-butylbenzene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		203-209-7	104-51-8							
69	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							
70	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							
71	1,2,4-trichlorobenzene				<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
	602-087-00-6	204-428-0	120-82-1							
72	hexachlorobutadiene				<4 µg/kg		<0.004 mg/kg	<0.0000004 %		<LOD
		201-765-5	87-68-3							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
73	1,2,3-trichlorobenzene	201-757-1	87-61-6		<7 µg/kg		<0.007 mg/kg	<0.0000007 %		<LOD
74	vinyl chloride; chloroethylene	602-023-00-7	200-831-0	75-01-4	<2 µg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
75	styrene	601-026-00-0	202-851-5	100-42-5	<3 µg/kg		<0.003 mg/kg	<0.0000003 %		<LOD
76	polychlorobiphenyls; PCB	602-039-00-4	215-648-1	1336-36-3	<35 µg/kg		<0.035 mg/kg	<0.0000035 %		<LOD
77	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]	<0.012 mg/kg		<0.012 mg/kg	<0.0000012 %		<LOD
78	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]	<10 µg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79	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
80	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
81	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
82	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
83	carbazole	201-696-0	86-74-8		0.014 mg/kg		0.0112 mg/kg	0.00000112 %	✓	
84	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
85	2-nitrophenol	201-857-5	88-75-5		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	2,4-dichlorophenol	604-011-00-7	204-429-6	120-83-2	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
87	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] 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
88	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
89	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
90	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
91	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
92	pentachlorophenol	604-002-00-8	201-778-6	87-86-5	<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
93	phenol	604-001-00-2	203-632-7	108-95-2	<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									
94	2-chloronaphthalene	202-079-9	91-58-7		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
95	2-methyl naphthalene	202-078-3	91-57-6		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
96	dibutyl phthalate; DBP	607-318-00-4	201-557-4	84-74-2	<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
97	di-n-octyl phthalate	204-214-7	117-84-0		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
98	diethyl phthalate	201-550-6	84-66-2		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
99	dimethyl phthalate	205-011-6	131-11-3		<0.1	mg/kg		<0.1	mg/kg	<0.00001 %		<LOD
100	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
101	2,6-dinitrotoluene	609-049-00-8	210-106-0	606-20-2	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
102	4-bromophenylphenylether	202-952-4	101-55-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
103	4-chloroaniline	612-137-00-9	203-401-0	106-47-8	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
104	4-chlorophenylphenylether	230-281-7	7005-72-3		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
105	azobenzene	611-001-00-6	203-102-5	103-33-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
106	bis(2-chloroethoxy)methane	203-920-2	111-91-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
107	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
108	dibenzofuran	205-071-3	132-64-9		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
109	hexachlorobenzene	602-065-00-6	204-273-9	118-74-1	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
110	hexachlorocyclopentadiene	602-078-00-7	201-029-3	77-47-4	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
111	hexachloroethane	200-666-4	67-72-1		<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
112	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
113	nitrosodipropylamine	612-098-00-8	210-698-0	621-64-7	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
114	nitrobenzene	609-003-00-7	202-716-0	98-95-3	<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
115	chromium { chromium(III) oxide }	215-160-9	1308-38-9		60.1	mg/kg	1.462	70.272	mg/kg	0.00703 %	✓	
116	TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
117	m-cresol; [1] o-cresol; [2] p-cresol; [3] mix-cresol [4]	604-004-00-9	203-577-9 [1] 202-423-8 [2] 203-398-6 [3] 215-293-2 [4]	108-39-4 [1] 95-48-7 [2] 106-44-5 [3] 1319-77-3 [4]	<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
118	o-nitroaniline; [1] m-nitroaniline; [2] p-nitroaniline [3]	612-012-00-9	201-855-4 [1] 202-729-1 [2] 202-810-1 [3]	88-74-4 [1] 99-09-2 [2] 100-01-6 [3]	<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
Total:										0.0302 %		



Key

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



Classification of sample: BH17



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

Sample details

Sample Name:	LoW Code:
BH17	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.4-0.6 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
5.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 5.4% 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 603-181-00-X	216-653-1	1634-04-4		<0.002 µg/kg		<2.0e-06 mg/kg	<2.0e-10 %		<LOD
2	benzene 601-020-00-8	200-753-7	71-43-2		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
3	toluene 601-021-00-3	203-625-9	108-88-3		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
4	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		25 mg/kg	1.462	34.667 mg/kg	0.00347 %	✓	
6	asbestos 650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
7	arsenic { arsenic } 033-001-00-X	231-148-6	7440-38-2		6.1 mg/kg		5.787 mg/kg	0.000579 %	✓	
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 } 048-001-00-5			1	0.4 mg/kg		0.38 mg/kg	0.000038 %	✓	
9	copper { copper(II) oxide } 029-016-00-6	215-269-1	1317-38-0		6 mg/kg	1.252	7.126 mg/kg	0.000713 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	98 mg/kg		92.979 mg/kg	0.0093 %	✓	



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	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	4.9 mg/kg		4.649 mg/kg	0.000465 %	✓		
	028-002-00-7	231-111-4	7440-02-0								
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 }				96 mg/kg	1.245	113.371 mg/kg	0.0113 %	✓		
	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				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		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				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	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				8.67 pH		8.67 pH	8.67 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										
34	xylene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
			TPH								
Total:									0.031 %		



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: TP18

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

Sample details

Sample Name:	LoW Code:
TP18	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
1.2-1.3 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.3%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.3% 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				<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) }				131.6 mg/kg	1.462	175.975 mg/kg	0.0176 %	✓	
		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 }				3.6 mg/kg		3.294 mg/kg	0.000329 %	✓	
	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		0.183 mg/kg	0.0000183 %	✓	
	048-001-00-5									
9	copper { copper(II) oxide }				9 mg/kg	1.252	10.307 mg/kg	0.00103 %	✓	
	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	8 mg/kg		7.319 mg/kg	0.000732 %	✓	
	082-001-00-6									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	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	8.7	mg/kg		7.96	mg/kg	0.000796 %	✓	
	028-002-00-7	231-111-4	7440-02-0									
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 }				42	mg/kg	1.245	47.83	mg/kg	0.00478 %	✓	
	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				0.34	mg/kg		0.311	mg/kg	0.0000311 %	✓	
		205-912-4	206-44-0									
23	pyrene				0.37	mg/kg		0.339	mg/kg	0.0000339 %	✓	
		204-927-3	129-00-0									
24	benzo[a]anthracene				0.28	mg/kg		0.256	mg/kg	0.0000256 %	✓	
	601-033-00-9	200-280-6	56-55-3									
25	chrysene				0.28	mg/kg		0.256	mg/kg	0.0000256 %	✓	
	601-048-00-0	205-923-4	218-01-9									
26	benzo[a]pyrene; benzo[def]chrysene				0.09	mg/kg		0.0823	mg/kg	0.00000823 %	✓	
	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				0.17	mg/kg		0.156	mg/kg	0.0000156 %	✓	
	601-034-00-4	205-911-9	205-99-2									
31	benzo[k]fluoranthene				0.06	mg/kg		0.0549	mg/kg	0.00000549 %	✓	
	601-036-00-5	205-916-6	207-08-9									
32	pH		PH		8.85	pH		8.85	pH	8.85 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											
34	xylene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
Total:										0.0305 %		



Key

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



Classification of sample: WS2

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

Sample details

Sample Name:	LoW Code:
WS2	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.3-0.5 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
9.8%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 9.8% 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) }				42 mg/kg	1.462	55.907 mg/kg		0.00559 %	✓	
		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 }				7.4 mg/kg		6.74 mg/kg		0.000674 %	✓	
	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 }				11 mg/kg	1.252	12.541 mg/kg		0.00125 %	✓	
	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	21 mg/kg		19.126 mg/kg		0.00191 %	✓	
	082-001-00-6										



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number							
11	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	8.6 mg/kg		7.832 mg/kg	0.000783 %	✓	
	028-002-00-7	231-111-4	7440-02-0							
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 }				47 mg/kg	1.245	53.28 mg/kg	0.00533 %	✓	
	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		0.0273 mg/kg	0.00000273 %	✓	
		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				0.29 mg/kg		0.264 mg/kg	0.0000264 %	✓	
		201-581-5	85-01-8							
21	anthracene				0.1 mg/kg		0.0911 mg/kg	0.00000911 %	✓	
		204-371-1	120-12-7							
22	fluoranthene				1.19 mg/kg		1.084 mg/kg	0.000108 %	✓	
		205-912-4	206-44-0							
23	pyrene				1.24 mg/kg		1.129 mg/kg	0.000113 %	✓	
		204-927-3	129-00-0							
24	benzo[a]anthracene				0.68 mg/kg		0.619 mg/kg	0.0000619 %	✓	
	601-033-00-9	200-280-6	56-55-3							
25	chrysene				0.7 mg/kg		0.638 mg/kg	0.0000638 %	✓	
	601-048-00-0	205-923-4	218-01-9							
26	benzo[a]pyrene; benzo[def]chrysene				0.71 mg/kg		0.647 mg/kg	0.0000647 %	✓	
	601-032-00-3	200-028-5	50-32-8							
27	indeno[123-cd]pyrene				0.46 mg/kg		0.419 mg/kg	0.0000419 %	✓	
		205-893-2	193-39-5							
28	dibenz[a,h]anthracene				0.1 mg/kg		0.0911 mg/kg	0.00000911 %	✓	
	601-041-00-2	200-181-8	53-70-3							
29	benzo[ghi]perylene				0.47 mg/kg		0.428 mg/kg	0.0000428 %	✓	
		205-883-8	191-24-2							
30	benzo[b]fluoranthene				0.94 mg/kg		0.856 mg/kg	0.0000856 %	✓	
	601-034-00-4	205-911-9	205-99-2							
31	benzo[k]fluoranthene				0.36 mg/kg		0.328 mg/kg	0.0000328 %	✓	
	601-036-00-5	205-916-6	207-08-9							
32	pH				11.16 pH		11.16 pH	11.16 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									
34	xylene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
35	bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP				0.597 mg/kg		0.544 mg/kg	0.0000544 %	✓	
	607-317-00-9	204-211-0	117-81-7							
36	TPH (C6 to C40) petroleum group				431 mg/kg		392.532 mg/kg	0.0393 %	✓	
			TPH							
Total:								0.0568 %		



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.: 0.0393%)

Classification of sample: WS7

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

Sample details

Sample Name:	LoW Code:
WS7	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.5-0.7 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21.3%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 21.3% 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				<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) }				204.3 mg/kg	1.462	246.163 mg/kg	0.0246 %	✓	
		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 }				1.9 mg/kg		1.566 mg/kg	0.000157 %	✓	
	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		0.165 mg/kg	0.0000165 %	✓	
	048-001-00-5									
9	copper { copper(II) oxide }				5 mg/kg	1.252	5.16 mg/kg	0.000516 %	✓	
	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									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	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	12	mg/kg		9.893	mg/kg	0.000989 %	✓	
	028-002-00-7	231-111-4	7440-02-0									
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 }				13	mg/kg	1.245	13.34	mg/kg	0.00133 %	✓	
	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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	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		PH		8.7	pH		8.7	pH	8.7 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											
34	xylene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
Total:										0.0333 %		



Key

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



Classification of sample: WS8

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

Sample details

Sample Name:	LoW Code:
WS8	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.9-1.0 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21.9%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 21.9% 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 603-181-00-X	216-653-1	1634-04-4		<0.002 µg/kg		<2.0e-06 mg/kg	<2.0e-10 %		<LOD
2	benzene 601-020-00-8	200-753-7	71-43-2		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
3	toluene 601-021-00-3	203-625-9	108-88-3		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
4	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.003 µg/kg		<3.0e-06 mg/kg	<3.0e-10 %		<LOD
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9		1308-38-9		99.9 mg/kg	1.462	119.778 mg/kg	0.012 %	✓	
6	asbestos 650-013-00-6	-----	12001-28-4 132207-32-0 12172-73-5 77536-66-4 77536-68-6 77536-67-5 12001-29-5		<10 mg/kg		<10 mg/kg	<0.001 %		<LOD
7	arsenic { arsenic } 033-001-00-X	231-148-6	7440-38-2		12.7 mg/kg		10.418 mg/kg	0.00104 %	✓	
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 } 048-001-00-5			1	0.2 mg/kg		0.164 mg/kg	0.0000164 %	✓	
9	copper { copper(II) oxide } 029-016-00-6	215-269-1	1317-38-0		18 mg/kg	1.252	18.484 mg/kg	0.00185 %	✓	
10	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	24 mg/kg		19.688 mg/kg	0.00197 %	✓	



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	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	32.9 mg/kg		26.989 mg/kg	0.0027 %	✓		
	028-002-00-7	231-111-4	7440-02-0								
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 }				69 mg/kg	1.245	70.456 mg/kg	0.00705 %	✓		
	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				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		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				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	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				7.97 pH		7.97 pH	7.97 pH			
33	xylene				<0.008 mg/kg		<0.008 mg/kg	<0.0000008 %			<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]								
34	TPH (C6 to C40) petroleum group				<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
			TPH								
Total:									0.0316 %		



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: WS9

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

Sample details

Sample Name:	LoW Code:
WS9	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.6-0.8 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23.1%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23.1% 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				<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) }				162.7 mg/kg	1.462	193.172 mg/kg	0.0193 %	✓	
		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 }				2.1 mg/kg		1.706 mg/kg	0.000171 %	✓	
	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		0.162 mg/kg	0.0000162 %	✓	
	048-001-00-5									
9	copper { copper(II) oxide }				5 mg/kg	1.252	5.084 mg/kg	0.000508 %	✓	
	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									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	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	10.3	mg/kg		8.367	mg/kg	0.000837 %	✓	
	028-002-00-7	231-111-4	7440-02-0									
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 }				15	mg/kg	1.245	15.167	mg/kg	0.00152 %	✓	
	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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	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		PH		8.57	pH		8.57	pH	8.57 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											
34	xylene				<0.008	mg/kg		<0.008	mg/kg	<0.0000008 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
Total:										0.028 %		



Key

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



Classification of sample: BH1

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

Sample details

Sample Name:	LoW Code:
BH1	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.50-3.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23.4%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23.4% 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				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %			<LOD
	603-181-00-X	216-653-1	1634-04-4								
2	benzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %			<LOD
	601-020-00-8	200-753-7	71-43-2								
3	toluene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %			<LOD
	601-021-00-3	203-625-9	108-88-3								
4	ethylbenzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %			<LOD
	601-023-00-4	202-849-4	100-41-4								
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				158.7 mg/kg	1.462	187.965 mg/kg	0.0188 %		✓	
		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 }				2.7 mg/kg		2.188 mg/kg	0.000219 %		✓	
	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	4.058 mg/kg	0.000406 %		✓	
	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										



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	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	8.2 mg/kg		6.645 mg/kg	0.000665 %	✓		
	028-002-00-7	231-111-4	7440-02-0								
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 }				9 mg/kg	1.245	9.078 mg/kg	0.000908 %	✓		
	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				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		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				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	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		PH		8.63 pH		8.63 pH	8.63 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										
34	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
Total:									0.0266 %		



Key

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

Classification of sample: BH8

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

Sample details

Sample Name:	LoW Code:
BH8	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
0.80 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
21.5%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 21.5% 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				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				57.6 mg/kg	1.462	69.289 mg/kg	0.00693 %	✓	
		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 }				2.8 mg/kg		2.305 mg/kg	0.00023 %	✓	
	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	0.4 mg/kg		0.329 mg/kg	0.0000329 %	✓	
	048-001-00-5									
9	copper { copper(II) oxide }				6 mg/kg	1.252	6.182 mg/kg	0.000618 %	✓	
	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	6 mg/kg		4.938 mg/kg	0.000494 %	✓	
	082-001-00-6									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	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	8.6	mg/kg		7.078	mg/kg	0.000708 %	✓	
	028-002-00-7	231-111-4	7440-02-0									
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 }				23	mg/kg	1.245	23.562	mg/kg	0.00236 %	✓	
	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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	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		PH		8.47	pH		8.47	pH	8.47 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											
34	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]									
35	TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
Total:										0.0165 %		



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: BH8[2]

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

Sample details

Sample Name:	LoW Code:
BH8[2]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.50-3.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
23.6%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 23.6% 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				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				71.8 mg/kg	1.462	84.903 mg/kg	0.00849 %	✓	
		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 }				8 mg/kg		6.472 mg/kg	0.000647 %	✓	
	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 }				6 mg/kg	1.252	6.077 mg/kg	0.000608 %	✓	
	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									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	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	10.8 mg/kg		8.738 mg/kg	0.000874 %	✓		
	028-002-00-7	231-111-4	7440-02-0								
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 }				25 mg/kg	1.245	25.176 mg/kg	0.00252 %	✓		
	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				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		205-912-4	206-44-0								
23	pyrene				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %			<LOD
		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				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %			<LOD
	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		PH		8.75 pH		8.75 pH	8.75 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										
34	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
Total:									0.0188 %		



Key

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



Classification of sample: BH8[3]

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

Sample details

Sample Name:	LoW Code:
BH8[3]	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
11.95-12.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
13.7%	
(dry weight correction)	

Hazard properties

None identified

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				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				48.7 mg/kg	1.462	62.601 mg/kg	0.00626 %	✓	
		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 }				8.1 mg/kg		7.124 mg/kg	0.000712 %	✓	
	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 }				15 mg/kg	1.252	16.514 mg/kg	0.00165 %	✓	
	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	11 mg/kg		9.675 mg/kg	0.000967 %	✓	
	082-001-00-6									



#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number									
11	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	39.6	mg/kg		34.828	mg/kg	0.00348 %	✓	
	028-002-00-7	231-111-4	7440-02-0									
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 }				66	mg/kg	1.245	72.253	mg/kg	0.00723 %	✓	
	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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		205-912-4	206-44-0									
23	pyrene				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
	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		PH		8.17	pH		8.17	pH	8.17 pH		
33	xylene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<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]									
34	TPH (C6 to C40) petroleum group		TPH		<38	mg/kg		<38	mg/kg	<0.0038 %		<LOD
Total:										0.0253 %		



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: BH12

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

Sample details

Sample Name:	LoW Code:
BH12	Chapter:
Sample Depth:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
2.50-3.00 m	Entry:
Moisture content:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)
18.8%	
(dry weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 18.8% 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				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
2	benzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-020-00-8	200-753-7	71-43-2							
3	toluene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
4	ethylbenzene				<0.005 µg/kg		<5.0e-06 mg/kg	<5.0e-10 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
5	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				111.1 mg/kg	1.462	136.683 mg/kg	0.0137 %	✓	
		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 }				4.2 mg/kg		3.535 mg/kg	0.000354 %	✓	
	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		0.168 mg/kg	0.0000168 %	✓	
	048-001-00-5									
9	copper { copper(II) oxide }				10 mg/kg	1.252	10.537 mg/kg	0.00105 %	✓	
	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		7.576 mg/kg	0.000758 %	✓	
	082-001-00-6									



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	CLP index number	EC Number	CAS Number								
11	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	14.9 mg/kg		12.542 mg/kg	0.00125 %		✓	
	028-002-00-7	231-111-4	7440-02-0								
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 }				198 mg/kg	1.245	207.452 mg/kg	0.0207 %		✓	
	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				0.11 mg/kg		0.0926 mg/kg	0.00000926 %		✓	
		205-912-4	206-44-0								
23	pyrene				0.1 mg/kg		0.0842 mg/kg	0.00000842 %		✓	
		204-927-3	129-00-0								
24	benzo[a]anthracene				0.08 mg/kg		0.0673 mg/kg	0.00000673 %		✓	
	601-033-00-9	200-280-6	56-55-3								
25	chrysene				0.07 mg/kg		0.0589 mg/kg	0.00000589 %		✓	
	601-048-00-0	205-923-4	218-01-9								
26	benzo[a]pyrene; benzo[def]chrysene				0.05 mg/kg		0.0421 mg/kg	0.00000421 %		✓	
	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				0.08 mg/kg		0.0673 mg/kg	0.00000673 %		✓	
	601-034-00-4	205-911-9	205-99-2								
31	benzo[k]fluoranthene				0.03 mg/kg		0.0253 mg/kg	0.00000253 %		✓	
	601-036-00-5	205-916-6	207-08-9								
32	pH		PH		8.28 pH		8.28 pH	8.28 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										
34	xylene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %			<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]								
35	TPH (C6 to C40) petroleum group		TPH		<38 mg/kg		<38 mg/kg	<0.0038 %			<LOD
Total:									0.043 %		



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

• **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

• **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

• **chromium(III) oxide** (EC Number: 215-160-9, CAS Number: 1308-38-9)

Description/Comments: Data from ECHA's C&L inventory database
Data source: <https://echa.europa.eu/information-on-chemicals/cl-inventory-database/-/discli/details/33806>
Data source date: 30 Apr 2020
Hazard Statements: Acute Tox. 4 H302 , Skin Sens. 1 H317 , Eye Irrit. 2 H319

• **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

• **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

• **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



Appendix B: Rationale for selection of metal species

arsenic {arsenic}

.

cadmium {cadmium compounds, with the exception of cadmium sulphoselenide ($x\text{CdS.yCdSe}$), reaction mass of cadmium sulphide with zinc sulphide ($x\text{CdS.yZnS}$), reaction mass of cadmium sulphide with mercury sulphide ($x\text{CdS.yHgS}$), 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 {chromium(III) oxide}

.

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

.

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: 2021.60.4685.9008 (01 Mar 2021)

HazWasteOnline Database: 2021.60.4685.9008 (01 Mar 2021)



This classification utilises the following guidance and legislation:

WM3 v1.1 - Waste Classification - 1st Edition v1.1 - May 2018

CLP Regulation - Regulation 1272/2008/EC of 16 December 2008

1st ATP - Regulation 790/2009/EC of 10 August 2009

2nd ATP - Regulation 286/2011/EC of 10 March 2011

3rd ATP - Regulation 618/2012/EU of 10 July 2012

4th ATP - Regulation 487/2013/EU of 8 May 2013

Correction to 1st ATP - Regulation 758/2013/EU of 7 August 2013

5th ATP - Regulation 944/2013/EU of 2 October 2013

6th ATP - Regulation 605/2014/EU of 5 June 2014

WFD Annex III replacement - Regulation 1357/2014/EU of 18 December 2014

Revised List of Waste 2014 - Decision 2014/955/EU of 18 December 2014

7th ATP - Regulation 2015/1221/EU of 24 July 2015

8th ATP - Regulation (EU) 2016/918 of 19 May 2016

9th ATP - Regulation (EU) 2016/1179 of 19 July 2016

10th ATP - Regulation (EU) 2017/776 of 4 May 2017

HP14 amendment - Regulation (EU) 2017/997 of 8 June 2017

13th ATP - Regulation (EU) 2018/1480 of 4 October 2018

14th ATP - Regulation (EU) 2020/217 of 4 October 2019

15th ATP - Regulation (EU) 2020/1182 of 19 May 2020

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2019 - UK: 2019 No. 720 of 27th March 2019

The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use)(Amendment etc.) (EU Exit)

Regulations 2020 - UK: 2020 No. 1567 of 16th December 2020

The Waste and Environmental Permitting etc. (Legislative Functions and Amendment etc.) (EU Exit) Regulations 2020 - UK: 2020 No. 1540 of 16th December 2020

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

APPENDIX I

Geotechnical Laboratory Testing Results



TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD
DATE ISSUED: 02/03/2021



0998

Contract	UK20.5052c - Pfizer, Havant		
Serial No.	38207_1		
Client:		Soil Property Testing Ltd	
Environmental Protection Strategies Ltd Unit 7 Caxton House Broad Street Great Cambourne Cambridge CB23 6JN		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		Approved Signatories:	
Samples Labelled: UK20.5052c - Pfizer, Havant		☒ J.C. Garner B.Eng (Hons) FGS Technical Director & Quality Manager ☐ S.P. Townend Chairman ☐ W. Johnstone Materials Lab Manager ☐ D. Sabnis Operations Manager 	
Date Received: 11/02/2021		Samples Tested Between: 11/02/2021 and 02/03/2021	
Remarks: For the attention of Michael Judson Your Reference No: UK20.5052c Your Order No: 25893			
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 (a) UKAS - United Kingdom Accreditation Service. (b) 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.			



TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD
DATE ISSUED: 02/03/2021



0998

Contract			UK20.5052c - Pfizer, Havant																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Bore Hole No.	Type	Sample Ref.	Top Depth	Particle Size Distribution (BS1377) Water Content (BS59) Liquid/Plastic Limits Wet Sieve Preparation Triaxial Test One Dimensional Consolidation																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																



TEST REPORT

ISSUED BY SOIL PROPERTY TESTING LTD
DATE ISSUED: 02/03/2021



0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_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)		
BH01	12.00 - 12.45	D	5	28.5	71	24	47	0.10	From Natural	0 (A)		26	Firm dark grey CLAY.	CV
BH04	3.50 - 4.00	B	5	21.2	40	19	21	0.11	Wet Sieved	48 (M)	40.8*	24	Very soft yellowish brown gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular to rounded chert.	CI
BH08	10.00 - 10.45	D	2	29.1	74	25	49	0.08	From Natural	0 (A)		39	Stiff dark grey CLAY with rare silt partings.	CV
BH10	1.50 - 2.00	B	1	9.4	31	16	15	-0.44	Wet Sieved	71 (M)	32.4*	25	Brown, black and white fine to coarse angular to rounded chert GRAVEL with occasional chert cobbles, in a soft yellowish brown sandy clay matrix.	CL
BH10	5.95 - 6.00	D	2	23.2	29	22	7	0.17	Wet Sieved	(M)		39	Greyish brown sandy SILT/CLAY with rare shell debris.	CL/ML
BH11	13.45 - 13.50	D	4	25.2	68	24	44	0.03	From Natural	0 (A)		26	Stiff fissured dark grey CLAY.	CH
BH13	5.95 - 6.00	D	8	27.2	30	18	12	0.77	From Natural	0 (A)		64	Very soft brown sandy silty CLAY with rare shell debris. Sand is fine.	CL
BH16	3.90 - 4.00	D	8	27.3	36	16	20	0.56	Wet Sieved	11 (M)	30.7*	14	Very soft brownish yellow slightly gravelly sandy silty CLAY. Gravel is black and white fine to coarse angular to subangular chert. Sand is fine.	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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0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_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 (%)	Plasti- city Index (%)	Liquid- ity Index	Sample Preparation				Description	Class
									Method	Ret'd 0.425mm (%)	Corr'd W/C <0.425mm	Curing Time (hrs)		
BH16	9.95 - 10.00	D	20	30.7	72	23	49	0.16	From Natural	0 (A)		40	Firm dark grey CLAY.	CV

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:

Table Notation: Ret'd 0.425mm: (A) = Assumed, (M) = Measured



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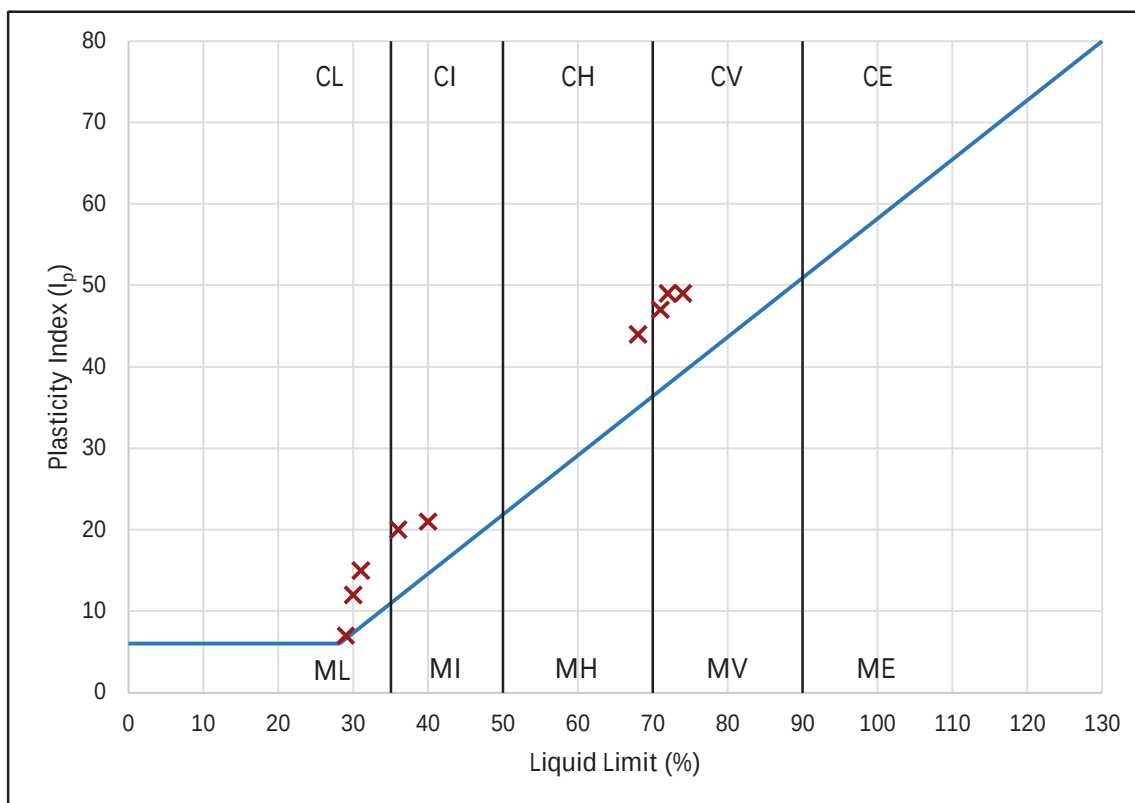
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Contract UK20.5052c - Pfizer, Havant

Serial No. 38207_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



TEST REPORT

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DATE ISSUED: 02/03/2021



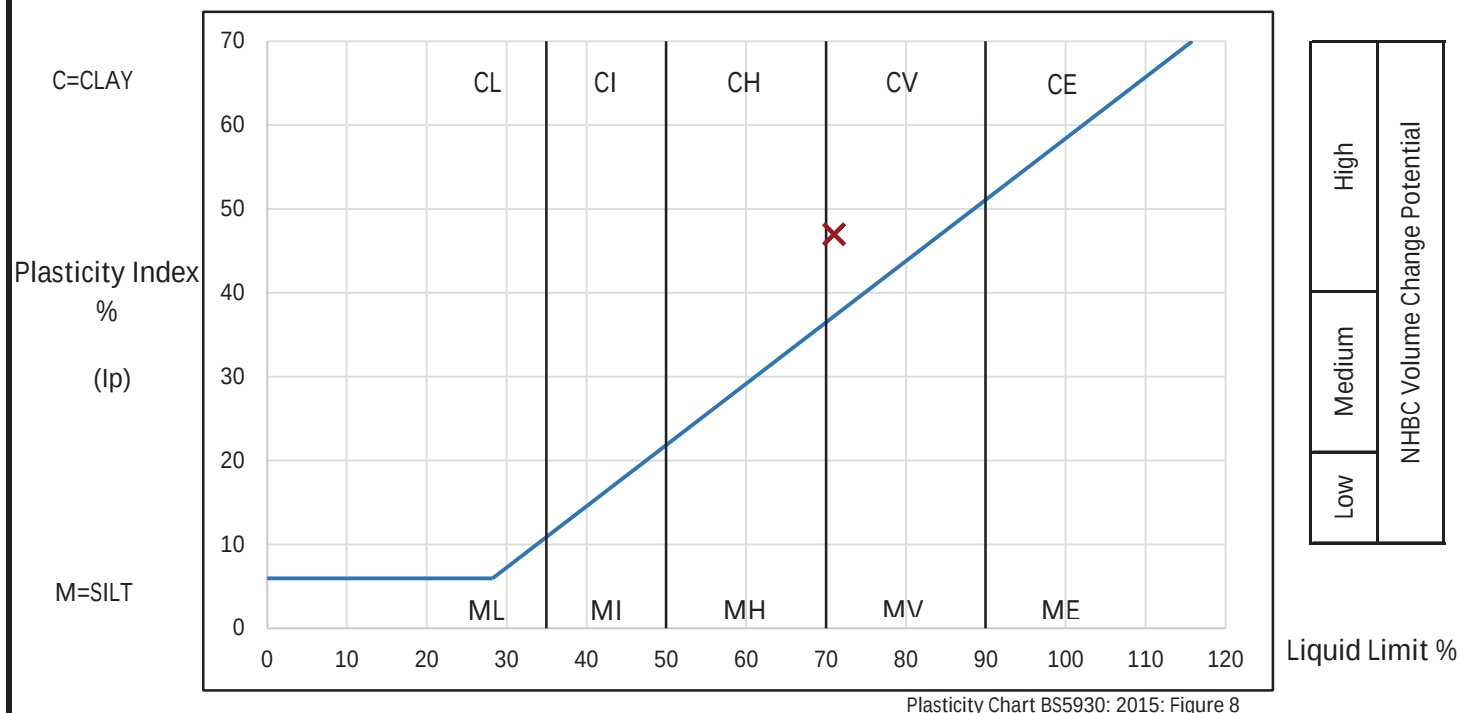
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

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			
BH01	12.00 12.45	D	5	28.5	Firm dark grey CLAY.	

PREPARATION			Liquid Limit	71 %	
Method of preparation		From natural	Plastic Limit	24 %	
Sample retained 0.425mm sieve	(Assumed)	0 %	Plasticity Index	47 %	
Corrected water content for material passing 0.425mm			Liquidity Index	0.10	
Sample retained 2mm sieve	(Assumed)	0 %	NHBC Modified (I'p)	n/a	
Curing time	26 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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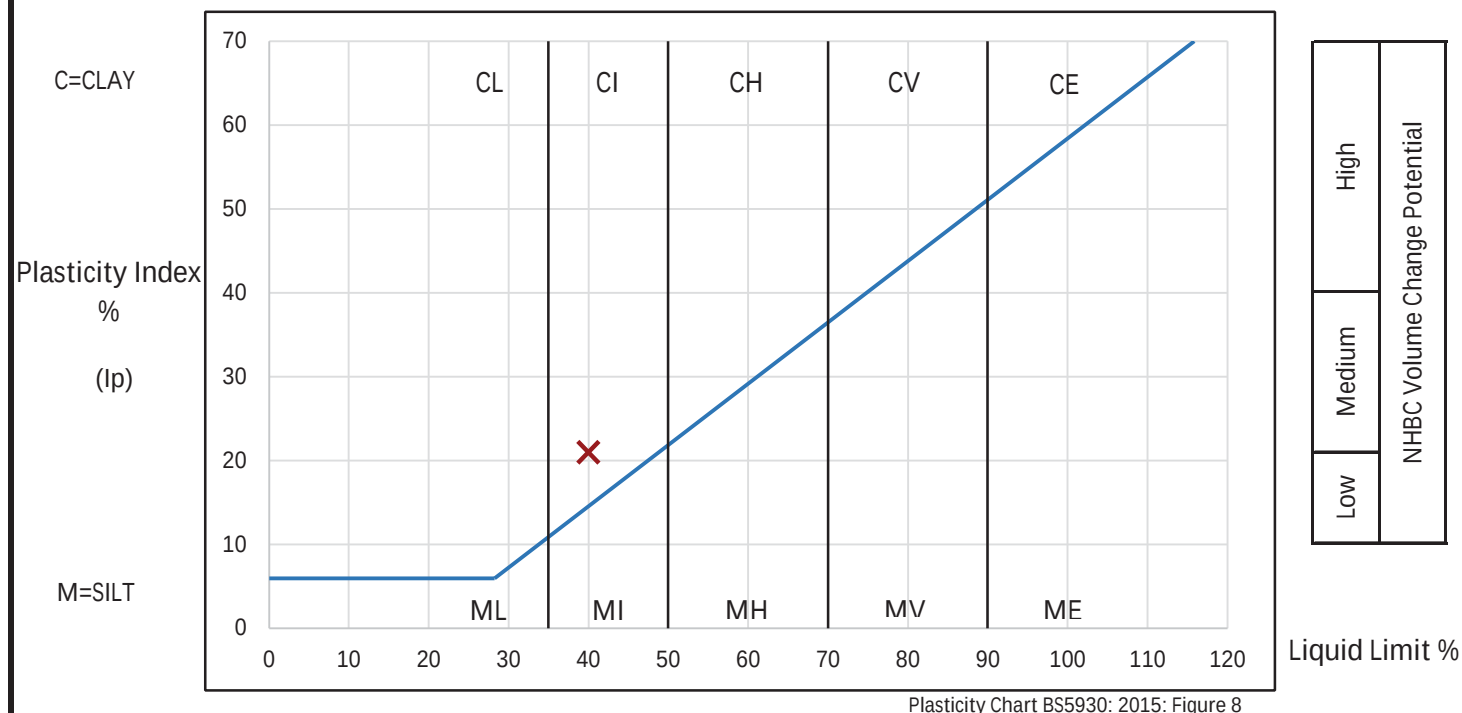
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

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			
BH04	3.50 - 4.00	B	5	21.2	Very soft yellowish brown gravelly slightly sandy silty CLAY. Gravel is brown, black and white fine to coarse angular to rounded chert.	

PREPARATION			Liquid Limit	40 %	
Method of preparation		Wet sieved over 0.425mm sieve	Plastic Limit	19 %	
Sample retained 0.425mm sieve	(Measured)	48 %	Plasticity Index	21 %	
Corrected water content for material passing 0.425mm			Liquidity Index	0.11	
Sample retained 2mm sieve	(Measured)	45 %	NHBC Modified (I'p)	11 %	
Curing time	24 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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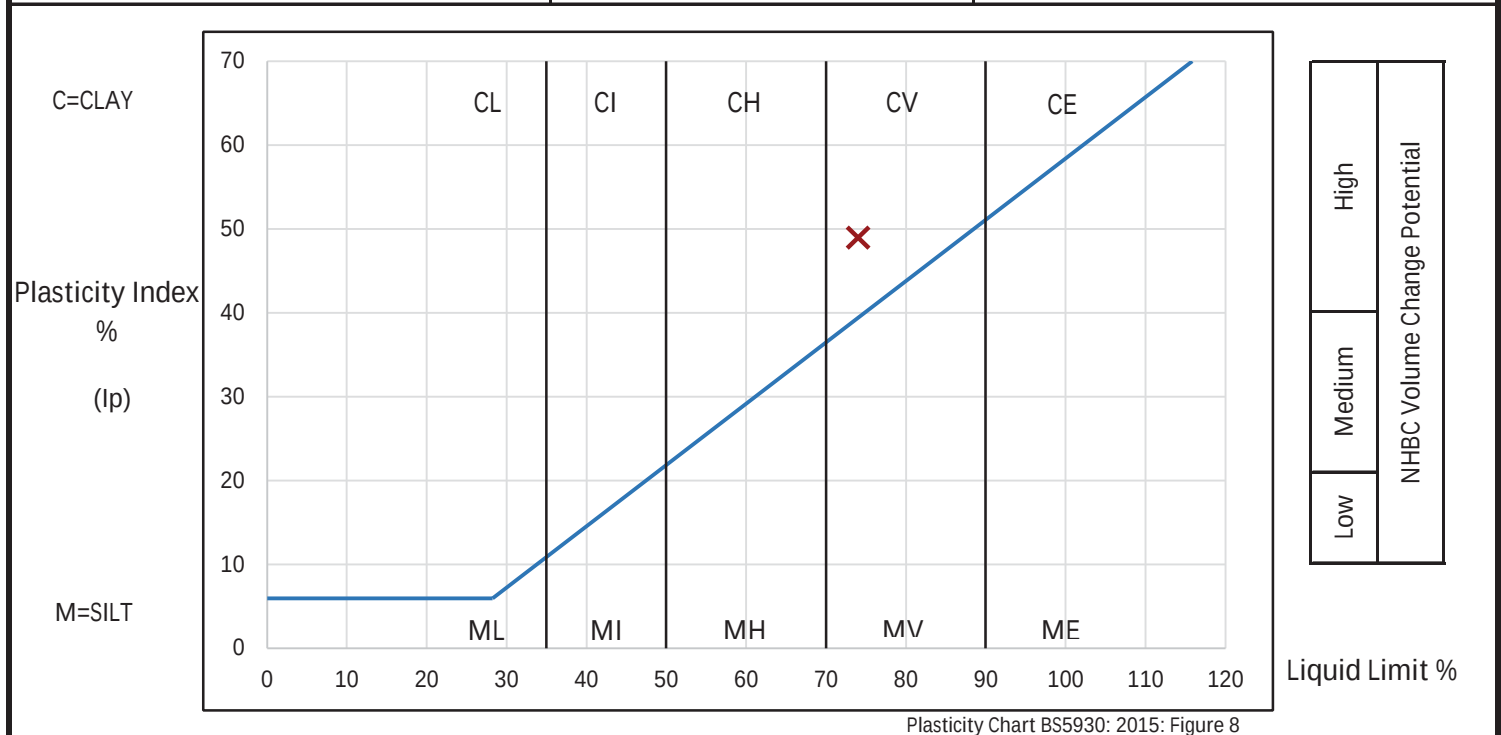
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

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			
BH08	10.00 10.45	D	2	29.1	Stiff dark grey CLAY with rare silt partings.	

PREPARATION			Liquid Limit		74 %
Method of preparation			From natural		Plastic Limit 25 %
Sample retained 0.425mm sieve (Assumed)			0 %		Plasticity Index 49 %
Corrected water content for material passing 0.425mm					Liquidity Index 0.08
Sample retained 2mm sieve (Assumed)			0 %		NHBC Modified (I'p) n/a
Curing time		39 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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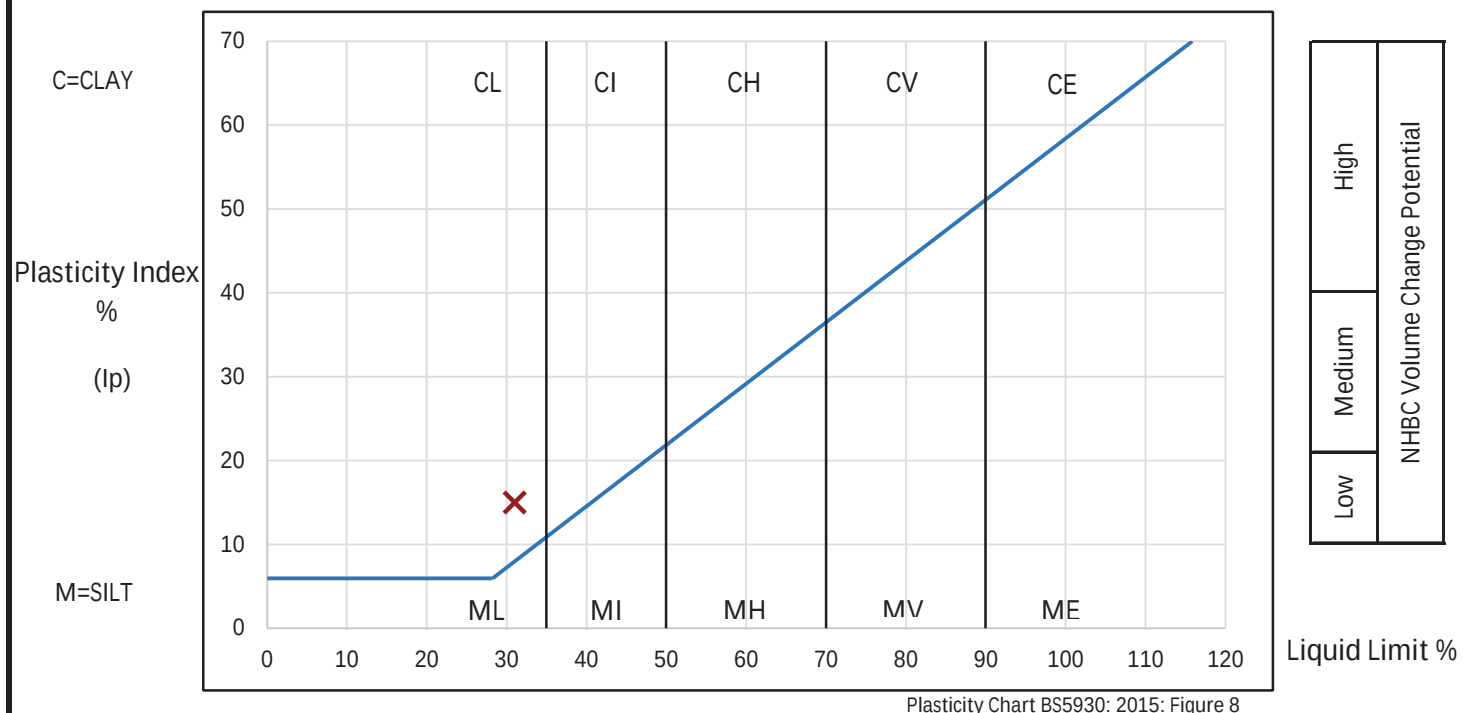
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

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			
BH10	1.50 - 2.00	B	1	9.4	Brown, black and white fine to coarse angular to rounded chert GRAVEL with occasional chert cobbles, in a soft yellowish brown sandy clay matrix.	

PREPARATION				Liquid Limit 31 %	
Method of preparation Wet sieved over 0.425mm sieve				Plastic Limit 16 %	
Sample retained 0.425mm sieve (Measured) 71 %				Plasticity Index 15 %	
Corrected water content for material passing 0.425mm 32.4 %				Liquidity Index -0.44	
Sample retained 2mm sieve (Measured) 63 %				NHBC Modified (I'p) 4 %	
Curing time 25 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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Contract		UK20.5052c - Pfizer, Havant					
Serial No.		38207_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				
BH10	5.95 - 6.00	D	2	23.2	Greyish brown sandy SILT/CLAY with rare shell debris.		
PREPARATION					Liquid Limit	29 %	
Method of preparation					Wet sieved over 0.425mm sieve	Plastic Limit	22 %
Sample retained 0.425mm sieve (Measured)					0 %	Plasticity Index	7 %
Corrected water content for material passing 0.425mm					Not reported	Liquidity Index	0.17
Sample retained 2mm sieve (Measured)					0 %	NHBC Modified (I'p)	7 %
Curing time			39 hrs	Clay Content	Not analysed	Derived Activity	Not analysed
C=CLAY Plasticity Index % (Ip) M=SILT High Medium Low NHBC Volume Change Potential Liquid Limit % Plasticity Chart BS5930: 2015: Figure 8							
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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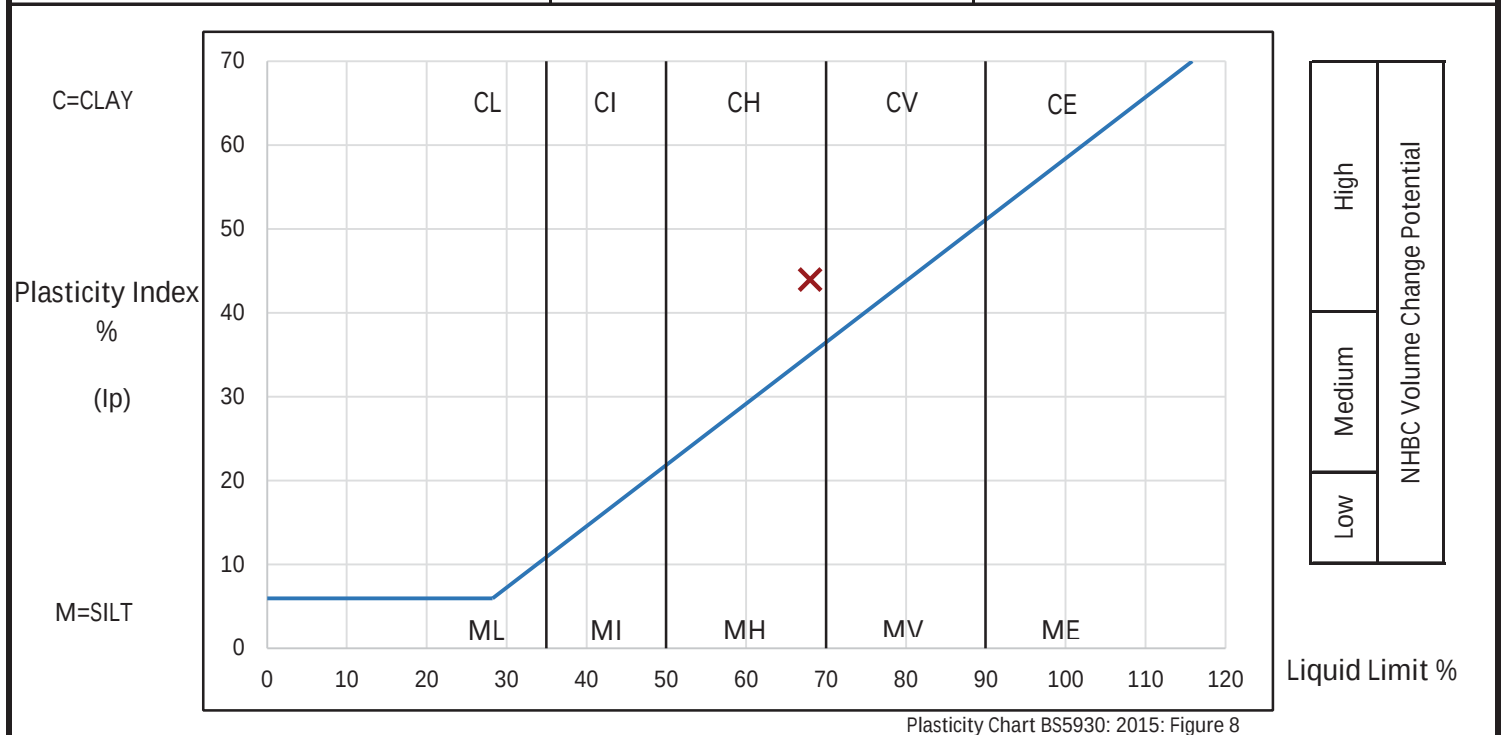
0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_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			
BH11	13.45 13.50	D	4	25.2	Stiff fissured dark grey CLAY.	

PREPARATION			Liquid Limit	68 %	
Method of preparation		From natural	Plastic Limit	24 %	
Sample retained 0.425mm sieve	(Assumed)	0 %	Plasticity Index	44 %	
Corrected water content for material passing 0.425mm			Liquidity Index	0.03	
Sample retained 2mm sieve	(Assumed)	0 %	NHBC Modified (I'p)	n/a	
Curing time	26 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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0998

Contract		UK20.5052c - Pfizer, Havant					
Serial No.		38207_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				
BH13	5.95 - 6.00	D	8	27.2	Very soft brown sandy silty CLAY with rare shell debris. Sand is fine.		
PREPARATION					Liquid Limit	30 %	
Method of preparation					From natural	Plastic Limit	18 %
Sample retained 0.425mm sieve (Assumed)					0 %	Plasticity Index	12 %
Corrected water content for material passing 0.425mm						Liquidity Index	0.77
Sample retained 2mm sieve (Assumed)					0 %	NHBC Modified (I'p)	n/a
Curing time			64 hrs	Clay Content	Not analysed	Derived Activity	Not analysed

C=CLAY

Plasticity Index %
(I_p)

M=SILT

High

Medium

Low

NHBC Volume Change Potential

Liquid Limit %

Plasticity Chart BS5930: 2015: Figure 8

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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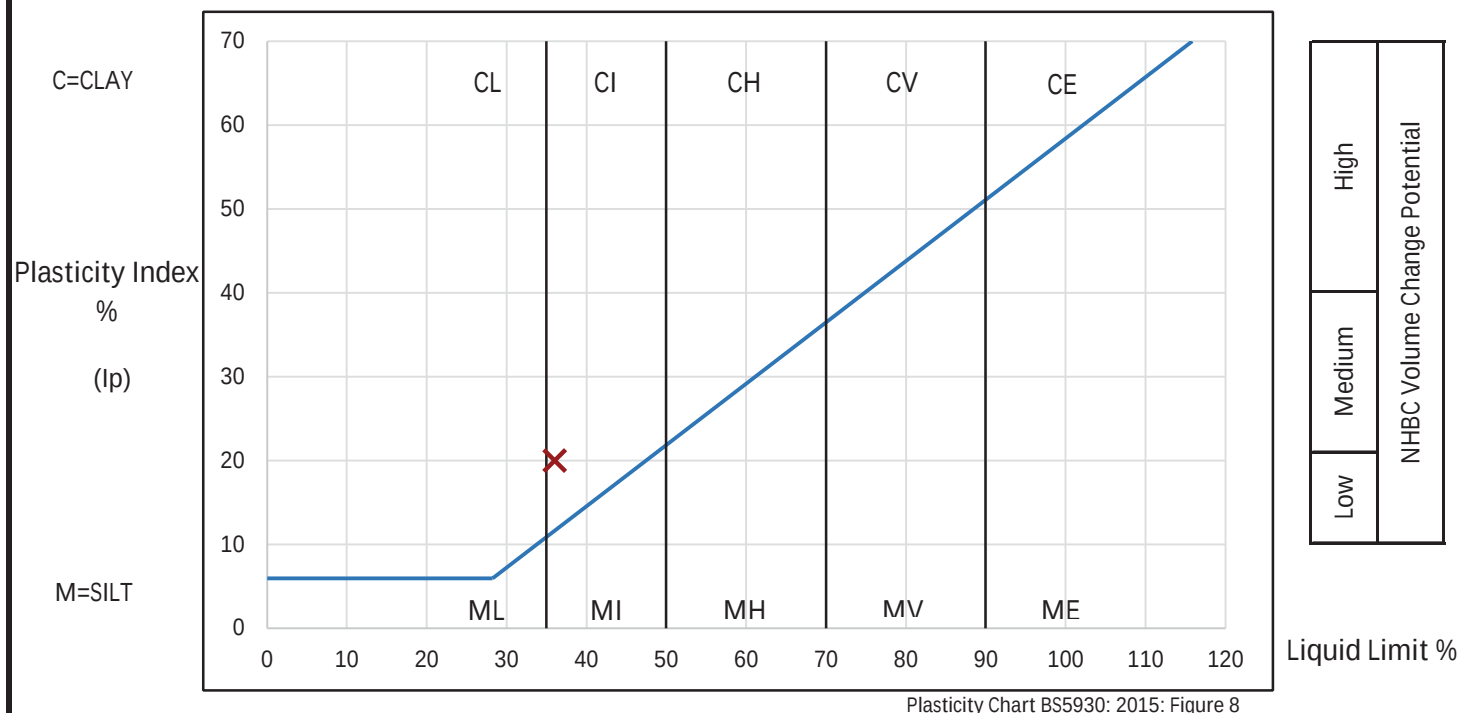
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

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			
BH16	3.90 - 4.00	D	8	27.3	Very soft brownish yellow slightly gravelly sandy silty CLAY. Gravel is black and white fine to coarse angular to subangular chert. Sand is fine.	

PREPARATION				Liquid Limit	36 %		
Method of preparation				Wet sieved over 0.425mm sieve	Plastic Limit	16 %	
Sample retained 0.425mm sieve		(Measured)	11 %	Plasticity Index		20 %	
Corrected water content for material passing 0.425mm				30.7 %	Liquidity Index	0.56	
Sample retained 2mm sieve		(Measured)	10 %	NHBC Modified (I'p)		18 %	
Curing time		14 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		UK20.5052c - Pfizer, Havant								
Serial No.		38207_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							
BH16	9.95 - 10.00	D	20	30.7	Firm dark grey CLAY.					
PREPARATION					Liquid Limit	72 %				
Method of preparation					From natural	Plastic Limit 23 %				
Sample retained 0.425mm sieve (Assumed)					0 %	Plasticity Index 49 %				
Corrected water content for material passing 0.425mm						Liquidity Index 0.16				
Sample retained 2mm sieve (Assumed)					0 %	NHBC Modified (I'p) n/a				
Curing time		40 hrs		Clay Content	Not analysed	Derived Activity Not analysed				
C=CLAY Plasticity Index % (I_p) M=SILT <table border="1"> <tr> <td>High</td> <td rowspan="3">NHBC Volume Change Potential</td> </tr> <tr> <td>Medium</td> </tr> <tr> <td>Low</td> </tr> </table> Liquid Limit % Plasticity Chart BS5930: 2015: Figure 8							High	NHBC Volume Change Potential	Medium	Low
High	NHBC Volume Change Potential									
Medium										
Low										
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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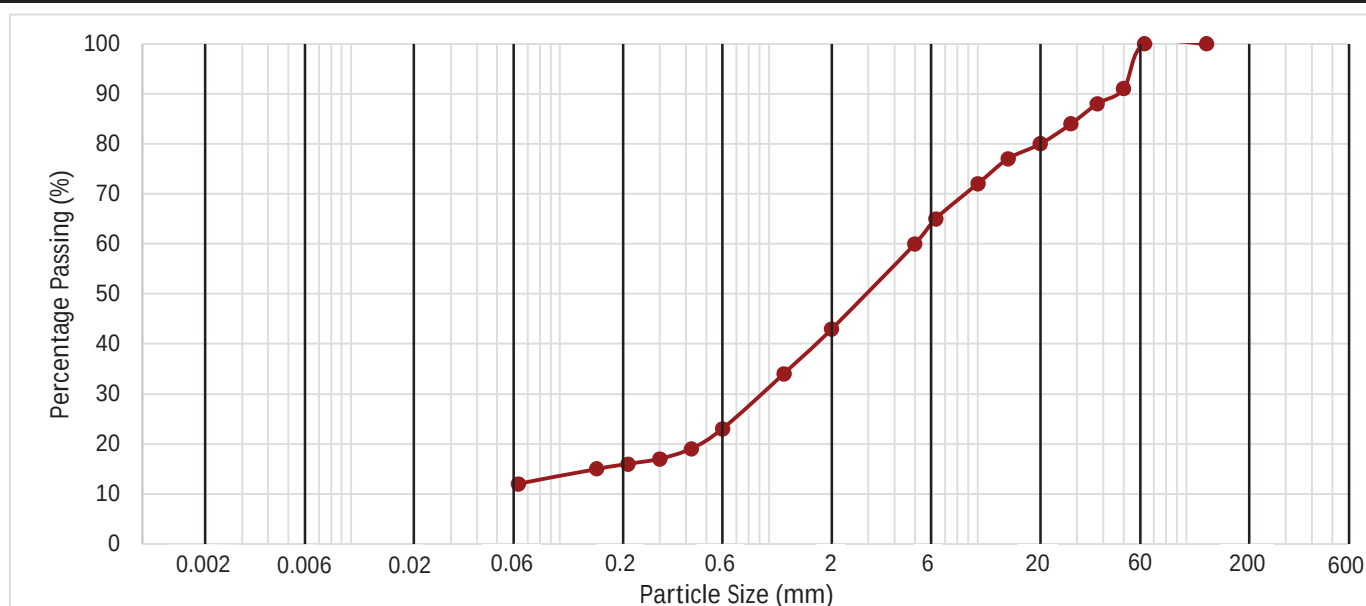
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH01	4.50 - 5.00	B	6	Black, white and brown chert very sandy silty GRAVEL with occasional firm grey clay lumps. Sand is olive brown.	Dry mass of sample required 15kg. Mass of sample submitted 5.712kg. 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	43	31
1.18	34	
0.600	23	
0.425	19	
0.300	17	
0.212	16	
0.150	15	
0.063	12	

Fines By Dry Mass (%)	
<0.063mm	12

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		57
125	100	
90	n/r*	
63	100	
50	91	
37.5	88	
28	84	
20	80	
14	77	
10	72	
6.3	65	
5	60	

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: *Sieve not required to be representative of this material type



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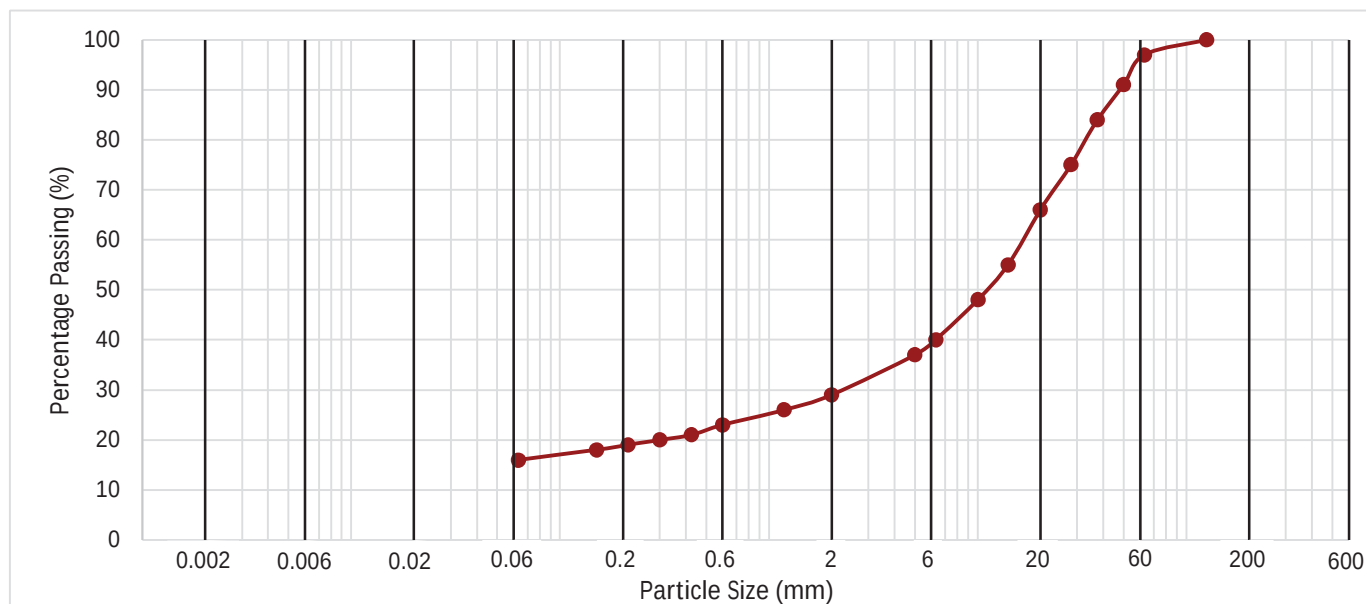
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH02	1.20 - 1.65	B	2	Brown, black, and white angular to subrounded chert, rare white subangular chalk, and concrete GRAVEL in a firm brown sandy clay matrix.	Dry mass of sample required 15kg. Mass of sample submitted 14.671kg. 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	29	13
1.18	26	
0.600	23	
0.425	21	
0.300	20	
0.212	19	
0.150	18	
0.063	16	

Fines By Dry Mass (%)	
<0.063mm	16

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		71
125	100	
90	n/r*	
63	97	
50	91	
37.5	84	
28	75	
20	66	
14	55	
10	48	
6.3	40	
5	37	

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: *Sieve not required to be representative of this material type



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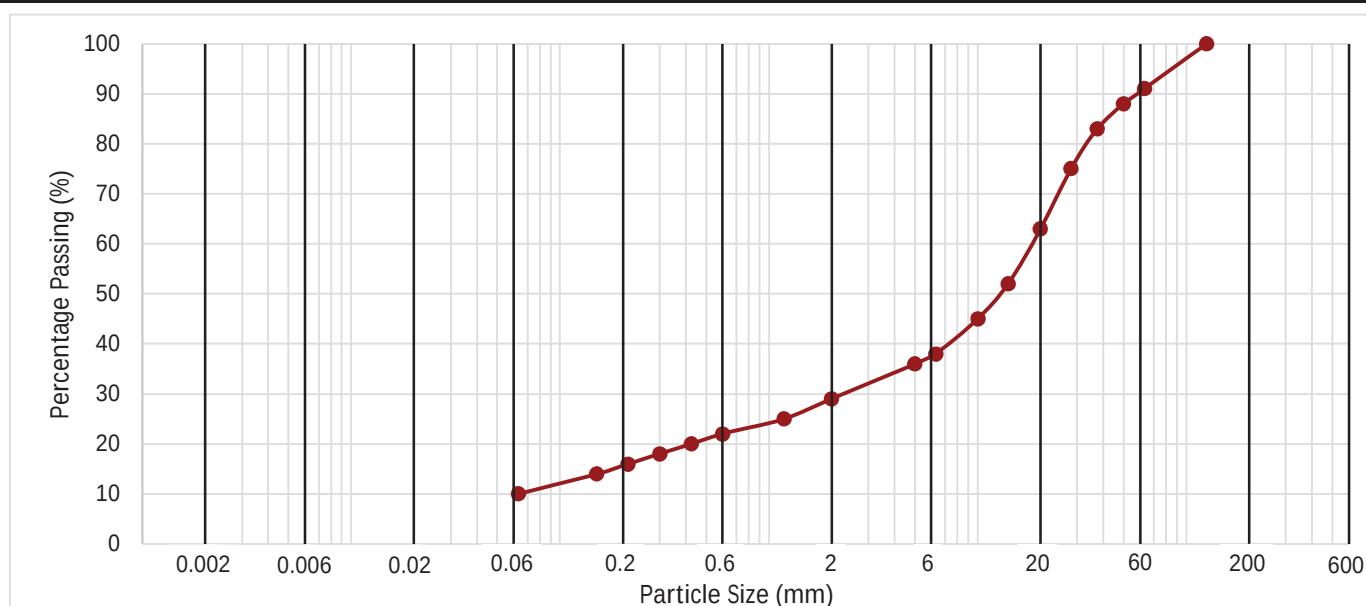
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH03	2.00 - 2.45	B	3	Black, white and brown angular to rounded chert, rare concrete, glass and brick GRAVEL with occasional firm brown sandy clay.	Dry mass of sample required 35kg. Mass of sample submitted 14.744kg. 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	29	19
1.18	25	
0.600	22	
0.425	20	
0.300	18	
0.212	16	
0.150	14	
0.063	10	

Fines By Dry Mass (%)	
<0.063mm	10

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		71
125	100	
90	n/r*	
63	91	
50	88	
37.5	83	
28	75	
20	63	
14	52	
10	45	
6.3	38	
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: *Sieve not required to be representative of this material type



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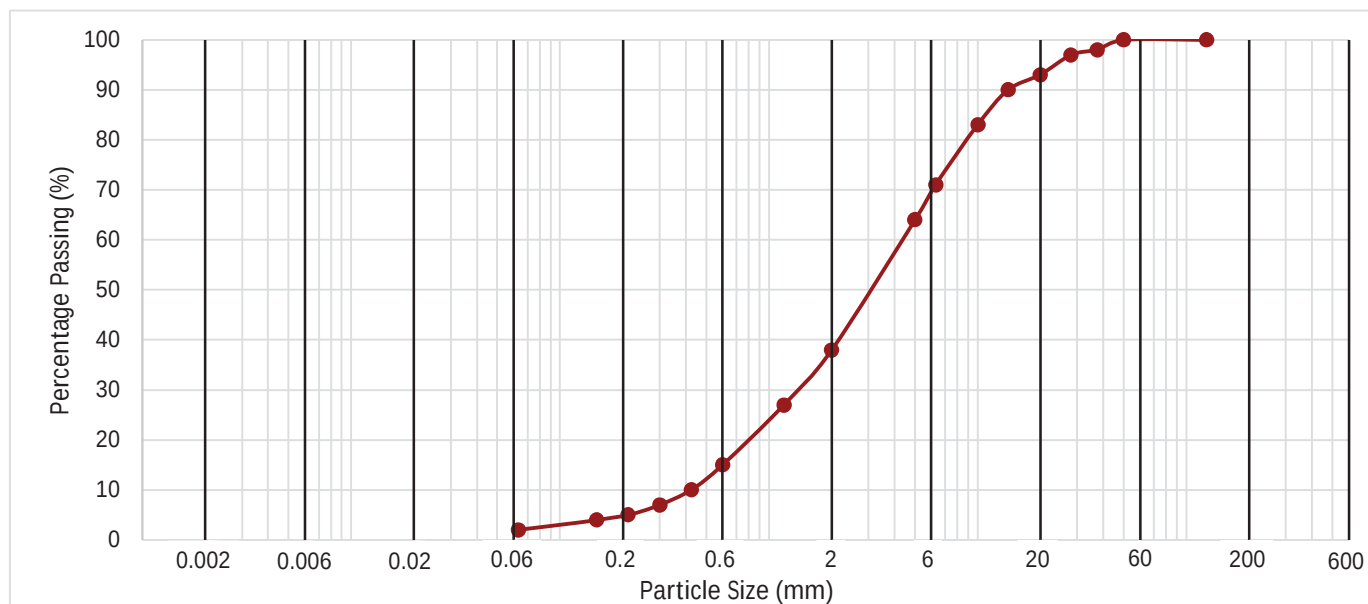
Contract	UK20.5052c - Pfizer, Havant
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH08	2.50 - 3.00	B	4	Black, brown and white angular to subrounded chert, white angular to subangular chalk, rare concrete, and brick very sandy slightly silty GRAVEL with rare soft brown clay lumps. Sand is pale yellow.	

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	38	36
1.18	27	
0.600	15	
0.425	10	
0.300	7	
0.212	5	
0.150	4	
0.063	2	

Fines By Dry Mass (%)	
<0.063mm	2

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		62
125	100	
90	n/r*	
63	n/r*	
50	100	
37.5	98	
28	97	
20	93	
14	90	
10	83	
6.3	71	
5	64	

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: *Sieves not required to be representative of this material type



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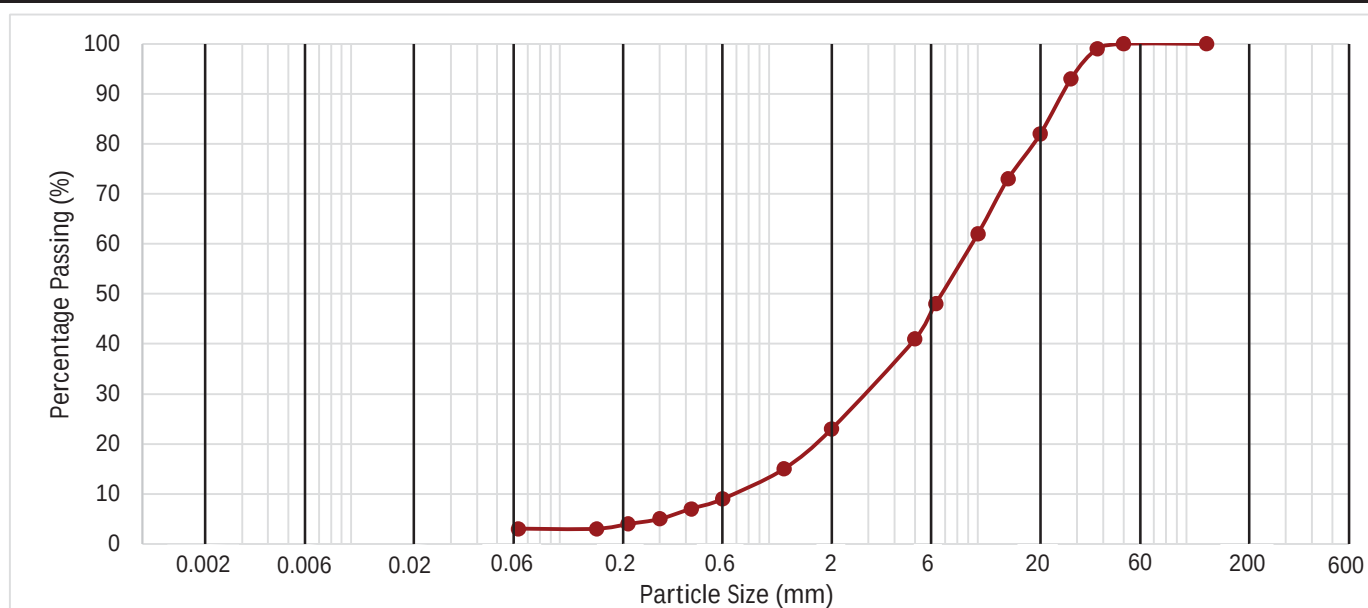
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH10	3.50 - 4.00	B	4	Brown, black and white angular to rounded sandy slightly silty GRAVEL. Sand is 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	23	20
1.18	15	
0.600	9	
0.425	7	
0.300	5	
0.212	4	
0.150	3	
0.063	3	

Fines By Dry Mass (%)	
<0.063mm	3

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		77
125	100	
90	n/r*	
63	n/r*	
50	100	
37.5	99	
28	93	
20	82	
14	73	
10	62	
6.3	48	
5	41	

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: *Sieves not required to be representative of this material type



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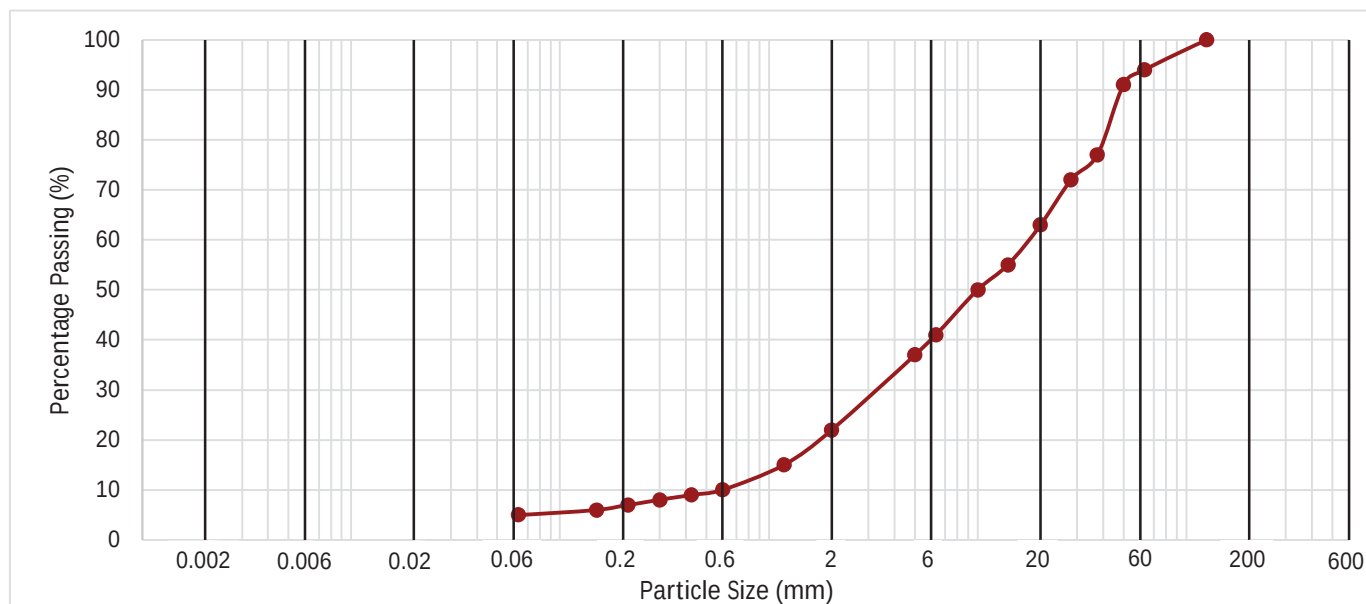
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Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH11	2.50 - 3.00	B	3	Black, white and brown angular to subrounded chert sandy slightly sandy slightly clayey GRAVEL. Sand is brown.	Dry mass of sample required 15kg. Mass of sample submitted 6.756kg. 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	22	17
1.18	15	
0.600	10	
0.425	9	
0.300	8	
0.212	7	
0.150	6	
0.063	5	

Fines By Dry Mass (%)	
<0.063mm	5

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		78
125	100	
90	n/r*	
63	94	
50	91	
37.5	77	
28	72	
20	63	
14	55	
10	50	
6.3	41	
5	37	

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: *Sieve not required to be representative of this material type



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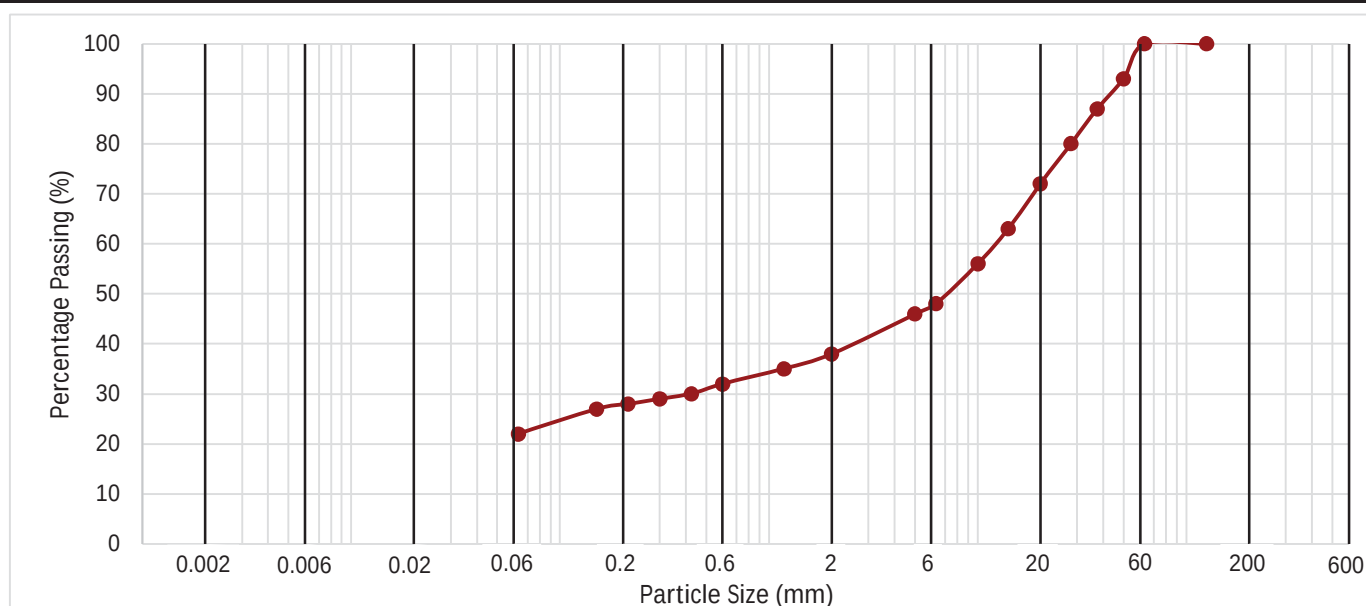
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH12	1.10 - 2.00	B	2	Black, white and brown angular to rounded chert GRAVEL in a firm brown and dark brown sandy clay matrix.	Dry mass of sample required 15kg. Mass of sample submitted 9.44kg. 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 (%)
	Particle Size (mm)	Passing (%)	Clay by Dry Mass (%)

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	38	16
1.18	35	
0.600	32	
0.425	30	
0.300	29	
0.212	28	
0.150	27	
0.063	22	

Fines By Dry Mass (%)	
<0.063mm	22

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		62
125	100	
90	n/r*	
63	100	
50	93	
37.5	87	
28	80	
20	72	
14	63	
10	56	
6.3	48	
5	46	

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: *Sieve not required to be representative of this material type



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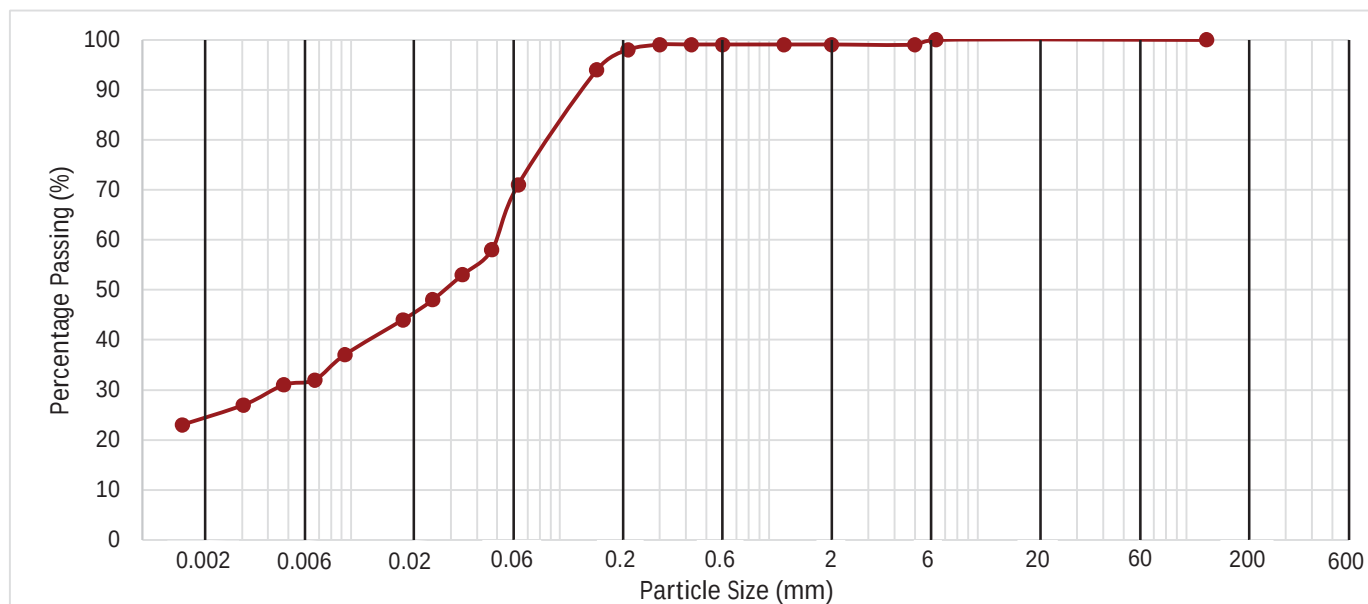
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH12	6.20	B	8	Very soft greyish brown slightly sandy silty slightly organic CLAY with occasional grey mottling, and rare gravel.	

Method of Test: **Hydrometer + Pre-sieve** Method of Pretreatment: **Tested from natural - pretreatment for organics not carried out**



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

H y d r o m e t e r	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	0.0471	58	47
	0.0340	53	
	0.0245	48	
	0.0177	44	Clay by Dry Mass (%)
	0.0093	37	
	0.0067	32	
	0.0048	31	
	0.0031	27	
	0.0016	23	24

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	99	28
1.18	99	
0.600	99	
0.425	99	
0.300	99	
0.212	98	
0.150	94	
0.063	71	

Fines By Dry Mass (%)	
<0.063mm	71

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		1
125	100	
90	n/r*	
63	n/r*	
50	n/r*	
37.5	n/r*	
28	n/r*	
20	n/r*	
14	n/r*	
10	n/r*	
6.3	100	
5	99	

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: *Sieves not required to be representative of this material type



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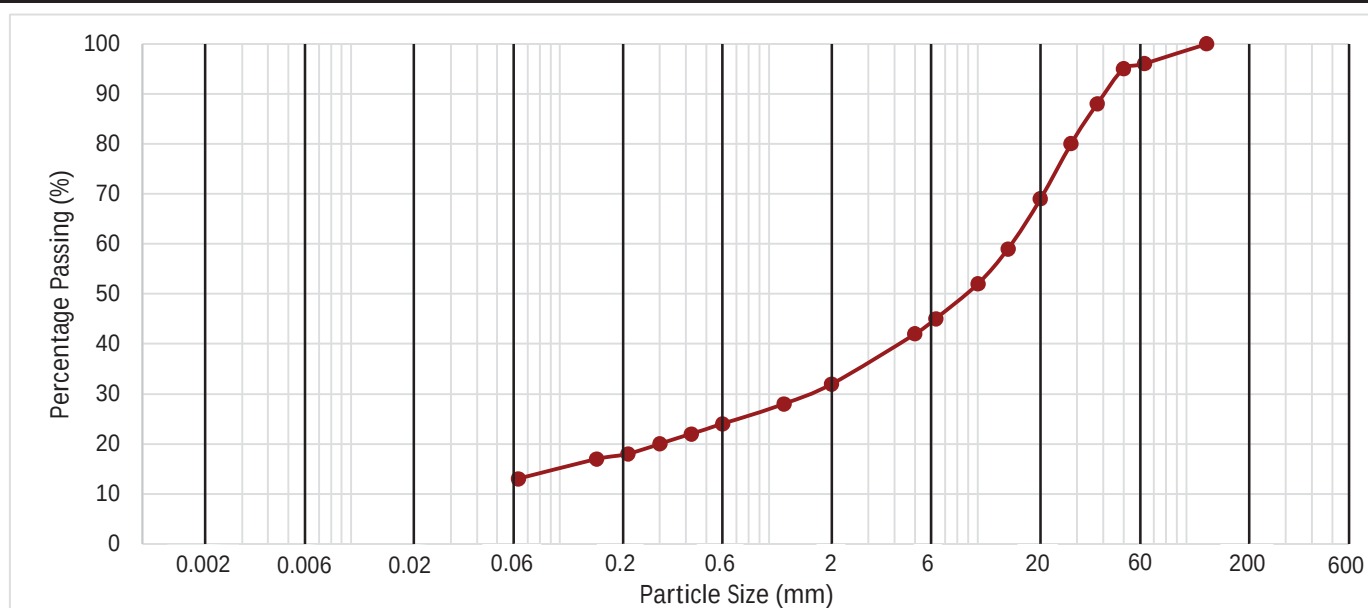
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH13	2.00 - 2.45	B	3	Black, white and brown angular to rounded chert GRAVEL in a soft 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	32	19
1.18	28	
0.600	24	
0.425	22	
0.300	20	
0.212	18	
0.150	17	
0.063	13	

Fines By Dry Mass (%)	
<0.063mm	13

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		68
125	100	
90	n/r*	
63	96	
50	95	
37.5	88	
28	80	
20	69	
14	59	
10	52	
6.3	45	
5	42	

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: *Sieve not required to be representative of this material type



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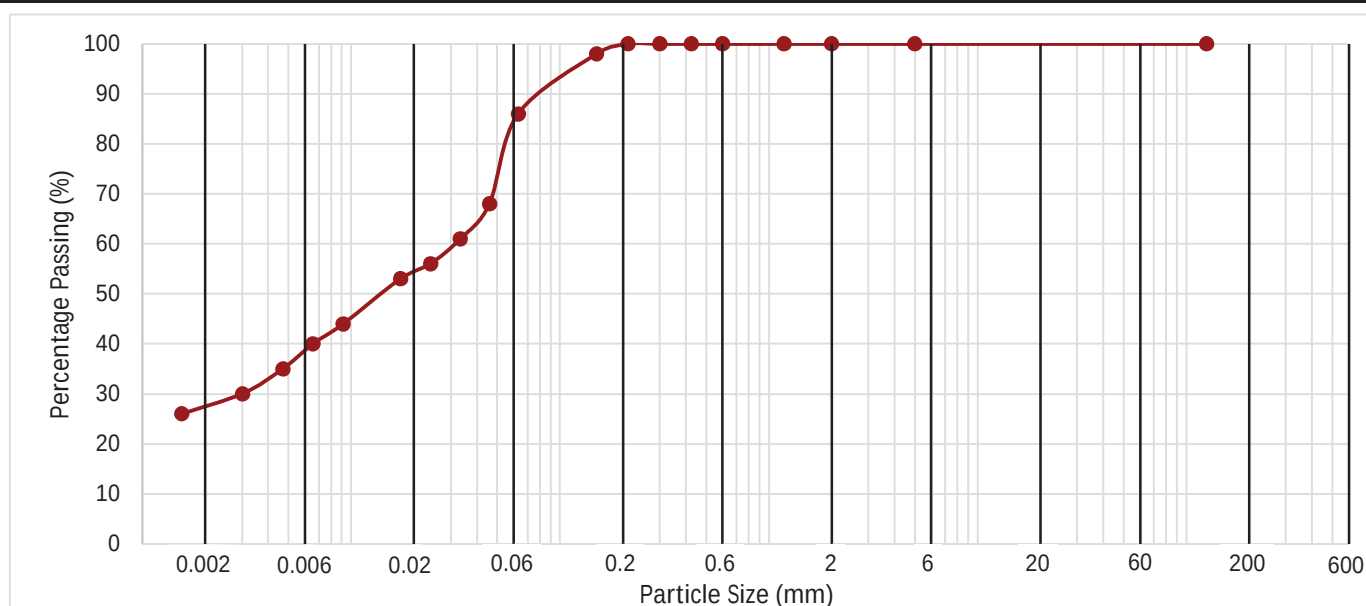
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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH16	6.95 - 7.00	D	14	Very soft slightly sandy silty slightly organic CLAY with occasional grey mottling.	

Method of Test: Hydrometer + Pre-sieve Method of Pretreatment: Tested from natural - pretreatment for organics not carried out



CLAY	Fine	Medium	Coarse	Fine	Medium	Coarse	Fine	Medium	Coarse	COBBLES	BOULDERS
	SILT			SAND			GRAVEL				

Hydrometer	Particle Size (mm)	Passing (%)	Silt by Dry Mass (%)
	0.0459	68	58
	0.0333	61	
	0.0240	56	
	0.0172	53	Clay by Dry Mass (%)
	0.0092	44	
	0.0066	40	
	0.0047	35	
	0.0030	30	28
	0.0015	26	

Sieve Size (mm)	Passing (%)	Sand By Dry Mass (%)
2.00	100	14
1.18	100	
0.600	100	
0.425	100	
0.300	100	
0.212	100	
0.150	98	
0.063	86	

Fines By Dry Mass (%)	
<0.063mm	86

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		0
125	100	
90	n/r*	
63	n/r*	
50	n/r*	
37.5	n/r*	
28	n/r*	
20	n/r*	
14	n/r*	
10	n/r*	
6.3	n/r*	
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: *Sieves not required to be representative of this material type



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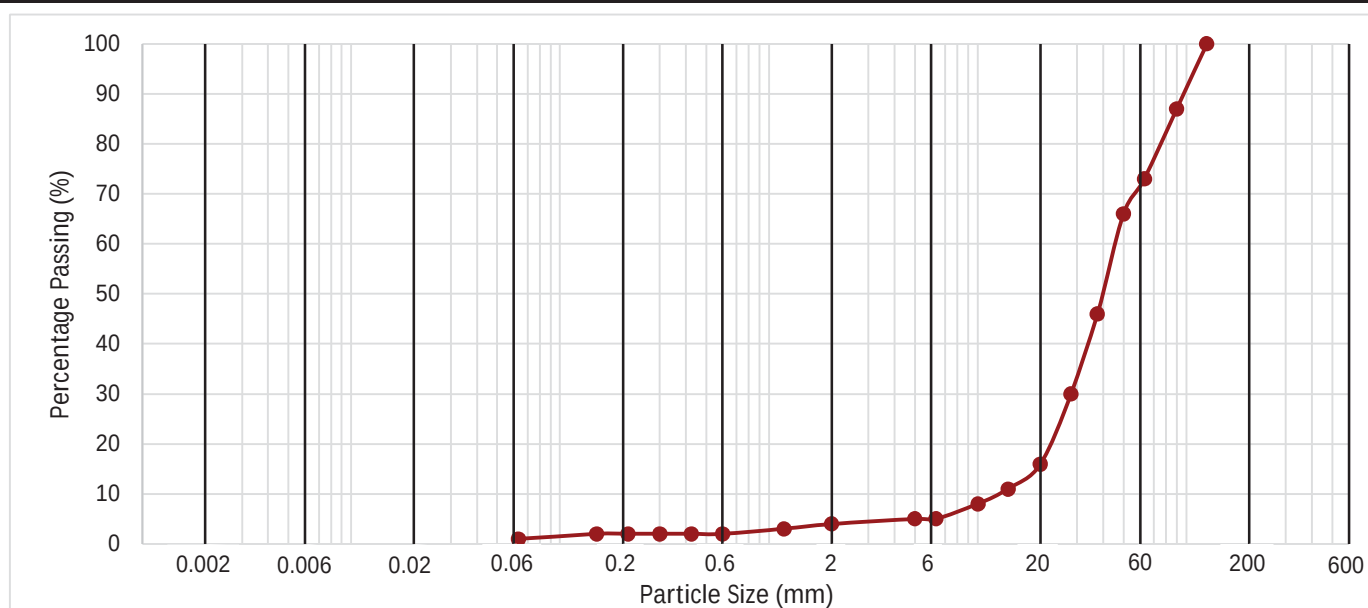
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH17	3.50 - 4.00	B	6	Black, white and brown angular to rounded chert, and rare brick, concrete, and brick slightly sandy slightly clayey GRAVEL. Sand is 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	4	3
1.18	3	
0.600	2	
0.425	2	
0.300	2	
0.212	2	
0.150	2	
0.063	1	

Fines By Dry Mass (%)	
<0.063mm	1

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		96
125	100	
90	87	
63	73	
50	66	
37.5	46	
28	30	
20	16	
14	11	
10	8	
6.3	5	
5	5	

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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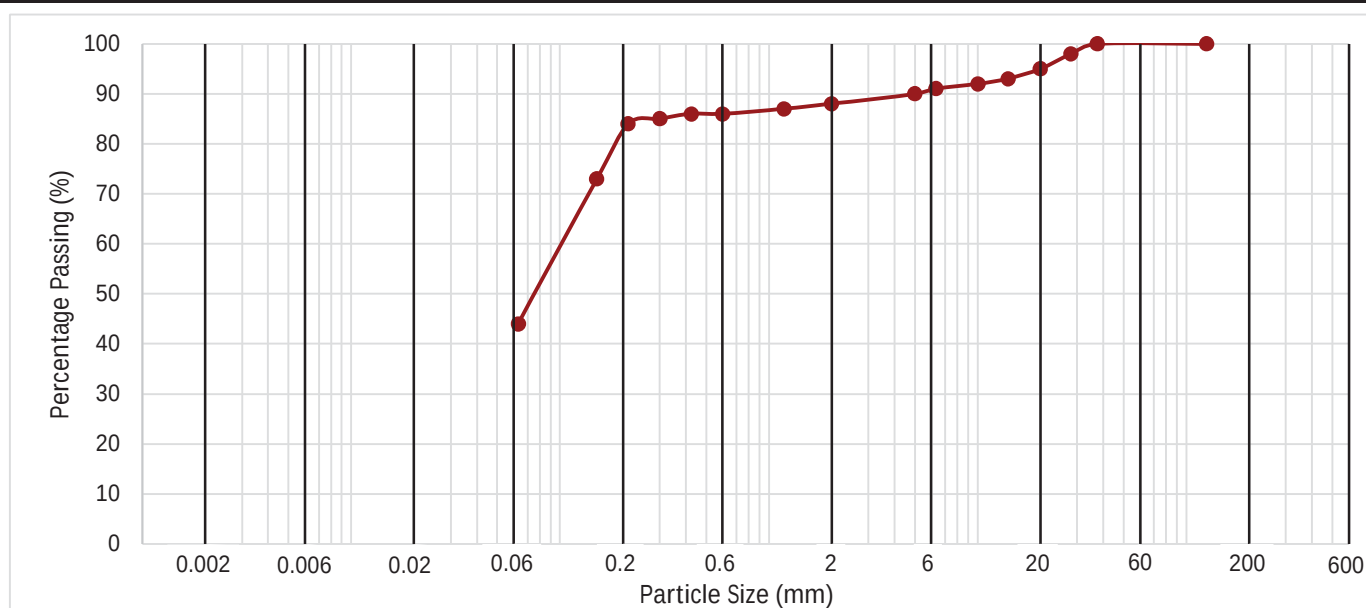
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DETERMINATION OF PARTICLE SIZE DISTRIBUTION

Borehole / Pit No.	Depth (m)	Sample		Description	Remarks
		Type	Reference		
BH17	6.95 - 7.00	D	11	Very soft brown slightly gravelly sandy organic CLAY with occasional very soft brown clay pockets, and shell fragments. Gravel is white, black and brown angular chert.	

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	88	44
1.18	87	
0.600	86	
0.425	86	
0.300	85	
0.212	84	
0.150	73	
0.063	44	

Fines By Dry Mass (%)	
<0.063mm	44

Sieve Size (mm)	Passing (%)	2mm+ By Dry Mass (%)
300		12
125	100	
90	n/r*	
63	n/r*	
50	n/r*	
37.5	100	
28	98	
20	95	
14	93	
10	92	
6.3	91	
5	90	

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: *Sieves not required to be representative of this material type



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Contract		UK20.5052c - Pfizer, Havant										
Serial No.		38207_1										
DETERMINATION OF DENSITY, WATER CONTENT AND UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE												
Borehole /Pit No.	Depth (m)	Type	Reference	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)	Lateral Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	Mohrs Circle Analysis		Description
										Cu (kPa)	Ø degrees	
BH02	9.02	U	17	26.0	2.03	1.61	181	208	104			Stiff (high strength) dark greyish brown calcareous CLAY.
BH03	5.05	U	9	24.4	2.06	1.66	99	93	47			Firm (medium strength) light greyish brown calcareous CLAY with occasional light grey mottling.
BH03	12.06	U	23	26.2	2.00	1.58	242	292	146			Stiff (high strength) dark greyish brown CLAY with rare shell fragments.
BH04	11.61	U	1	25.2	2.03	1.62	230	153	77			Stiff (high strength) slightly fissured greyish brown CLAY locally silty with occasional olive grey mottling
BH04	19.14	U	3	26.8	2.03	1.60	380	342	171			Very stiff (very high strength) fissured dark greyish brown CLAY with rare light greyish brown silt pockets
BH08	8.56	U	1	27.6	2.00	1.57	171	187	94			Stiff (high strength) fissured dark greyish brown CLAY with occasional dark grey mottling.
BH08	14.52	U	3	24.6	2.02	1.62	291	277	139			Stiff (high strength) fissured dark greyish brown CLAY with rare dark grey mottling.
Method of Preparation:			BS 1377: Part 1: 1990: 7.4.2 & 8, Part 2: 1990: 7.2, Part 7: 1990: 8.3									
Method of Test:			BS 1377: Part 2: 1990:3 Determination of Moisture Content, Part2: 1990:7 Determination of Density, Part 7: 1990: 8 Undrained Shear Strenth, 9 Multistage Loading									
Type of Sample Key:			U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter									
Comments:												
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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DETERMINATION OF DENSITY, WATER CONTENT AND UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)	Lateral Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	Mohr's Circle Analysis		Description
										Cu (kPa)	Ø degrees	
BH10	5.63	U	1	28.8	2.08	1.61	111	28	14	11	1.6	Light olive brown slightly clayey sandy SILT with rare shell debris
							215	37	19			
							330	40	20			
BH10	14.68	U	3	26.0	2.04	1.62	291	143	72			Firm (medium strength) fissured greyish brown CLAY locally silty with occasional grey and light olive brown mottling
BH11	13.14	U	2	24.3	2.04	1.64	260	265	133			Stiff (high strength) fissured greyish brown CLAY locally silty with occasional grey and light olive brown mottling
BH11	17.68	U	3	23.7	2.03	1.64	349	310	155			Very stiff (very high strength) fissured dark greyish brown CLAY with rare light greyish brown silt pockets
BH12	7.05	U	1	28.9	1.96	1.52	141	128	64			Firm (medium strength) fissured dark greyish brown CLAY with occasional dark grey mottling.
BH12	10.05	U	2	25.2	1.95	1.56	204	115	58			Firm (medium strength) fissured dark greyish brown CLAY with occasional greyish brown, rare dark grey mottling, and shell and fossil debris.
BH13	12.02	U	18	26.7	2.03	1.60	242	262	131			Stiff (high strength) fissured dark greyish brown calcareous CLAY with rare dark grey mottling.

Method of Preparation: BS 1377: Part 1: 1990: 7.4.2 & 8, Part 2: 1990: 7.2, Part 7: 1990: 8.3
Method of Test: BS 1377: Part 2: 1990:3 Determination of Moisture Content, Part2: 1990:7 Determination of Density, Part 7: 1990: 8 Undrained Shear Strength, 9 Multistage Loading
Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:
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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DETERMINATION OF DENSITY, WATER CONTENT AND UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)	Lateral Pressure (kPa)	Deviator Stress (kPa)	Shear Stress (kPa)	Mohr's Circle Analysis		Description
										Cu (kPa)	Ø degrees	
BH16	5.14	U	11	25.5	2.07	1.65	102	101	51			Firm (medium strength) greyish brown slightly sandy calcareous CLAY with occasional light grey and light brownish grey mottling, rare orange staining, and gravel.
BH16	12.11	U	24	26.4	2.00	1.58	241	173	87			Stiff (high strength) fissured dark greyish brown CLAY with occasional dark grey mottling, and rare fossil and shell debris.
BH17	12.12	U	20	24.9	2.02	1.62	244	249	125			Stiff (high strength) fissured friable calcareous CLAY with occasional dark grey mottling, and rare shell and fossil debris.

Method of Preparation:

BS 1377: Part 1: 1990: 7.4.2 & 8, Part 2: 1990: 7.2, Part 7: 1990: 8.3

Method of Test:

BS 1377: Part 2: 1990:3 Determination of Moisture Content, Part2: 1990:7 Determination of Density, Part 7: 1990: 8 Undrained Shear Strength, 9 Multistage Loading

Type of Sample Key:

U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments:

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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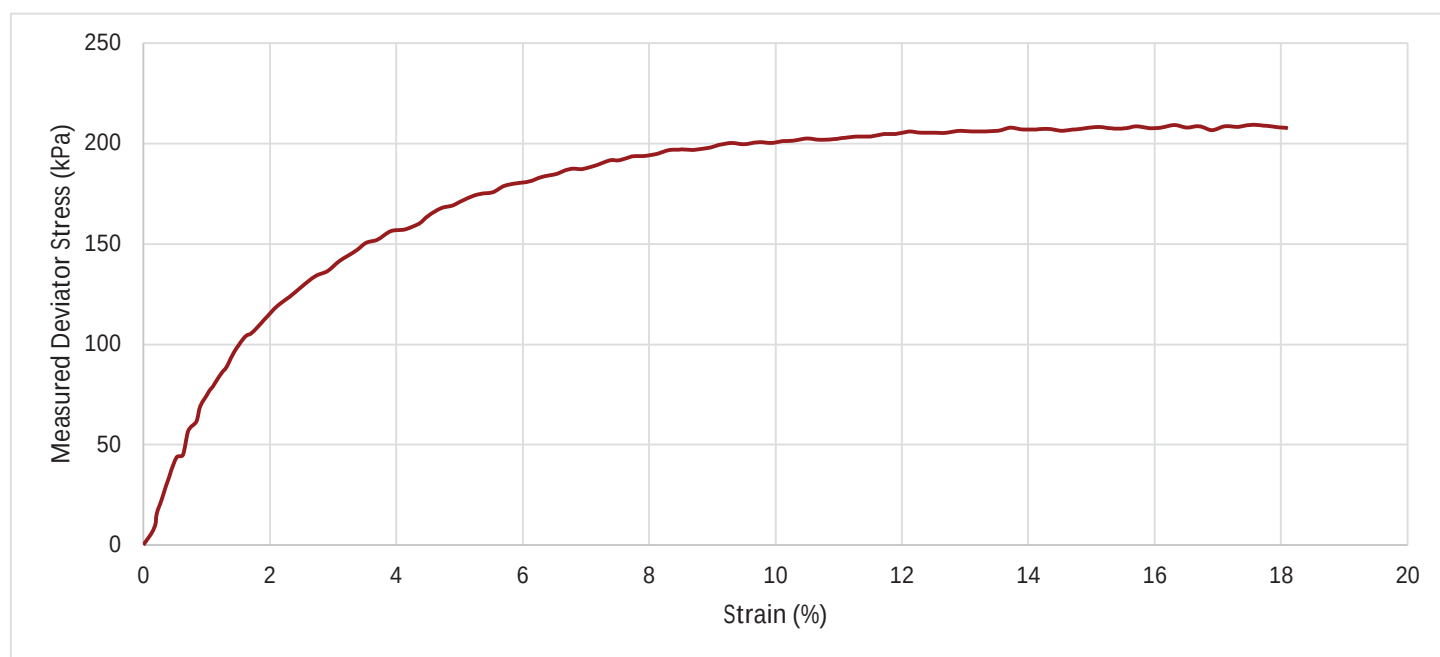
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Serial No.	38207_1

DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH02	9.00 - 9.45	U	17	Stiff (high strength) dark greyish brown calcareous CLAY.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)
	Depth of Top of Specimen (m)	134.5	103.1	2283	26.0	2.03	1.61

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	181	17.5	1.0	\	208	104		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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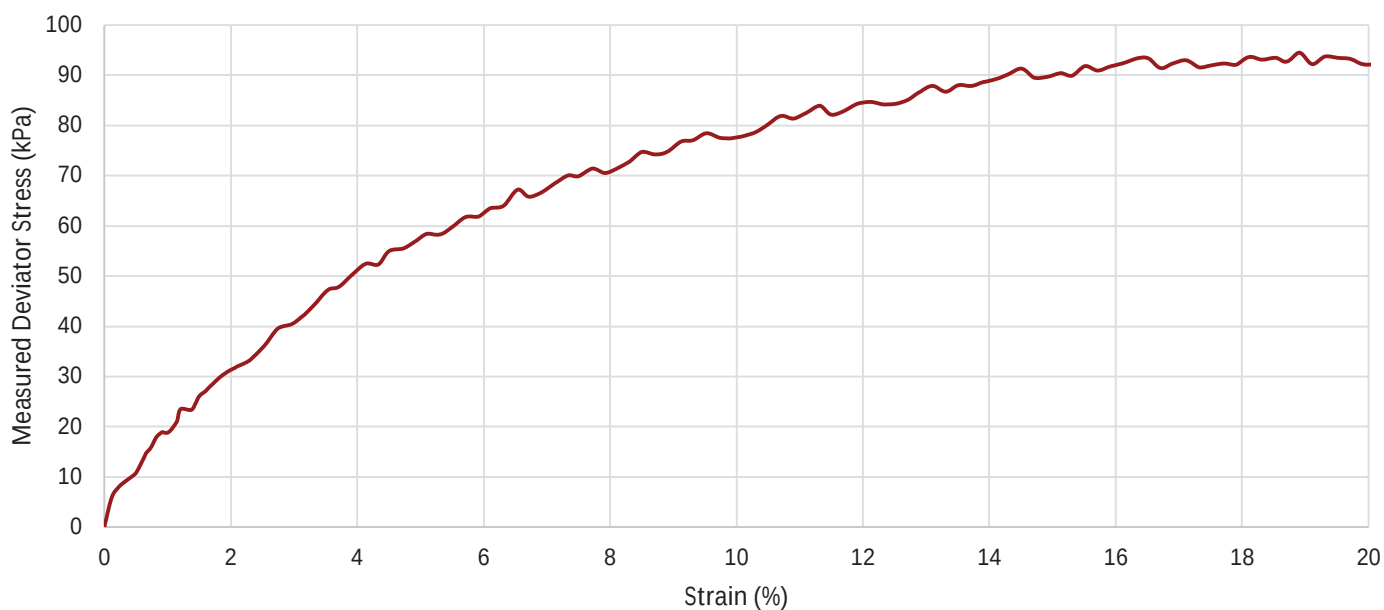
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH03	5.00 - 5.45	U	9	Firm (medium strength) light greyish brown calcareous CLAY with occasional light grey mottling.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	199.7	102.9	3428	24.4	2.06	1.66
	5.05						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	99	18.9	1.1	\	93	47		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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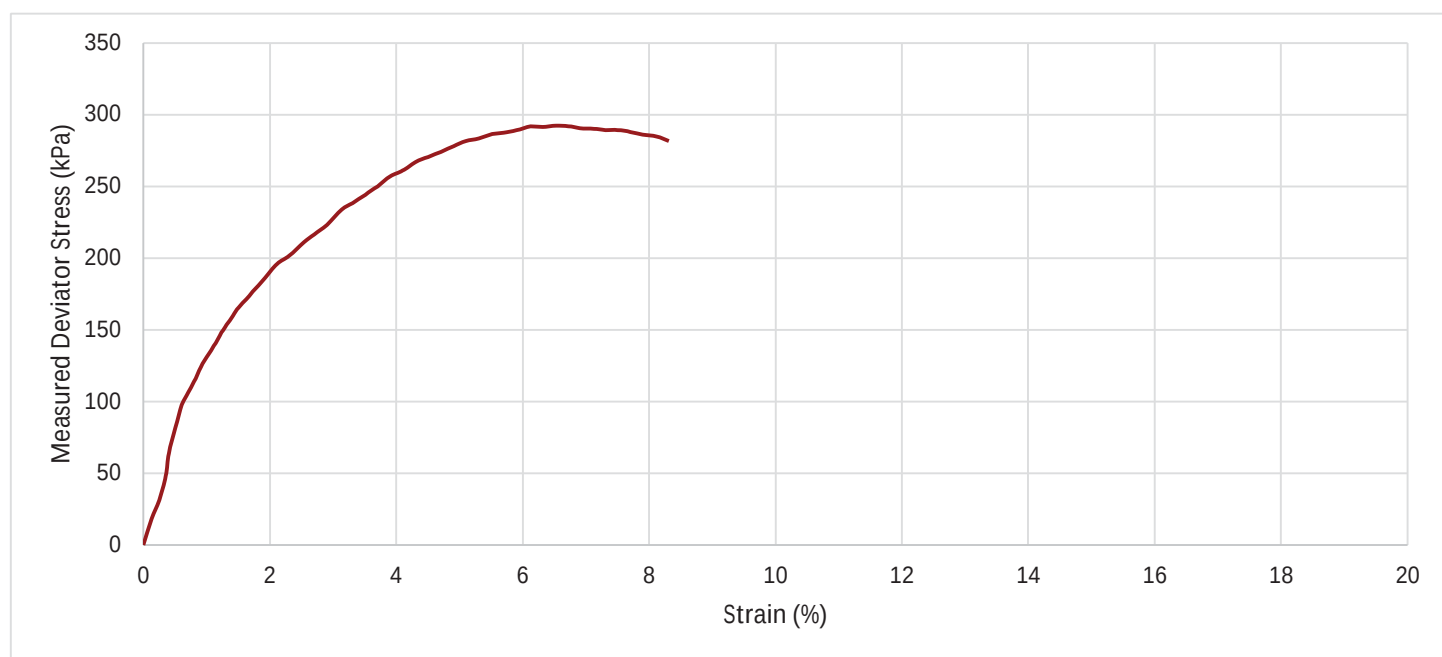
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH03	12.00 - 12.45	U	23	Stiff (high strength) dark greyish brown CLAY with rare shell fragments.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	199.4	103.8	3370	26.2	2.00	1.58
	12.06						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	242	6.5	0.5	\	292	146		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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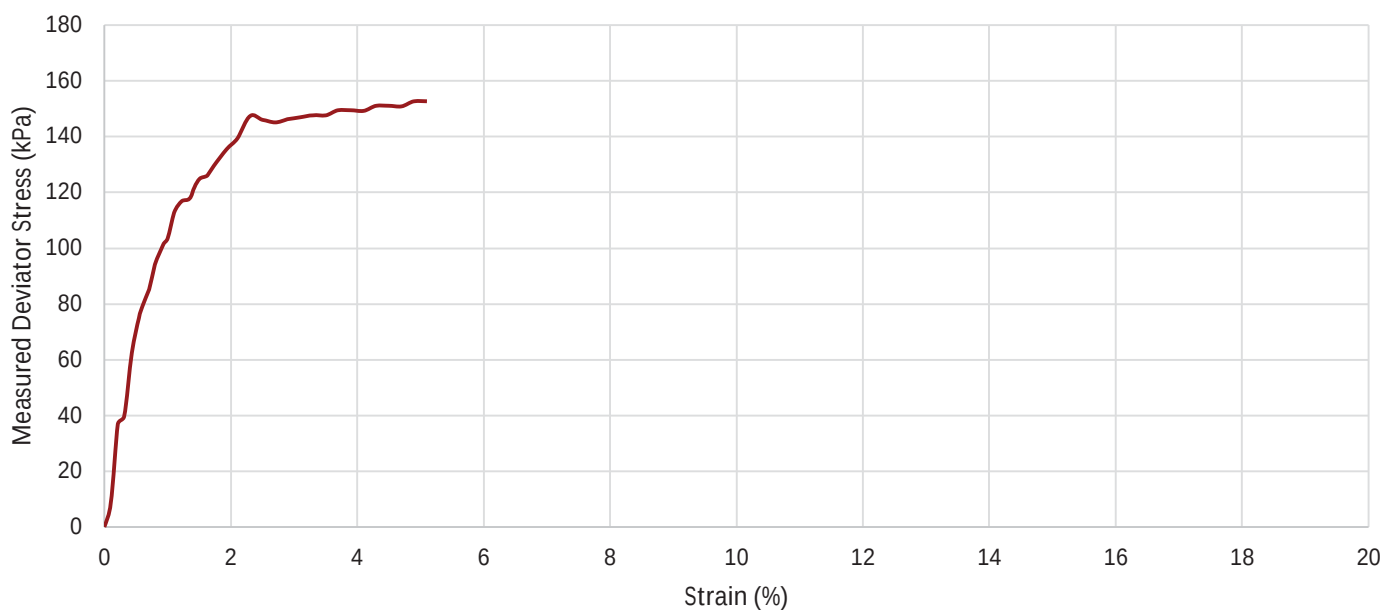
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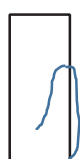
DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH04	11.50 - 11.95	U	1	Stiff (high strength) slightly fissured greyish brown CLAY locally silty with occasional olive grey mottling	Premature failure at 4.9% strain.

Initial Specimen	Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
 Depth of Top of Specimen (m) 11.61	155.2	102.5	2599	25.2	2.03	1.62

TEST INFORMATION	Rate of Strain	1.8 % per Min	Rubber Membrane Thickness	0.3 mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	230	4.9	0.4	\	153	77		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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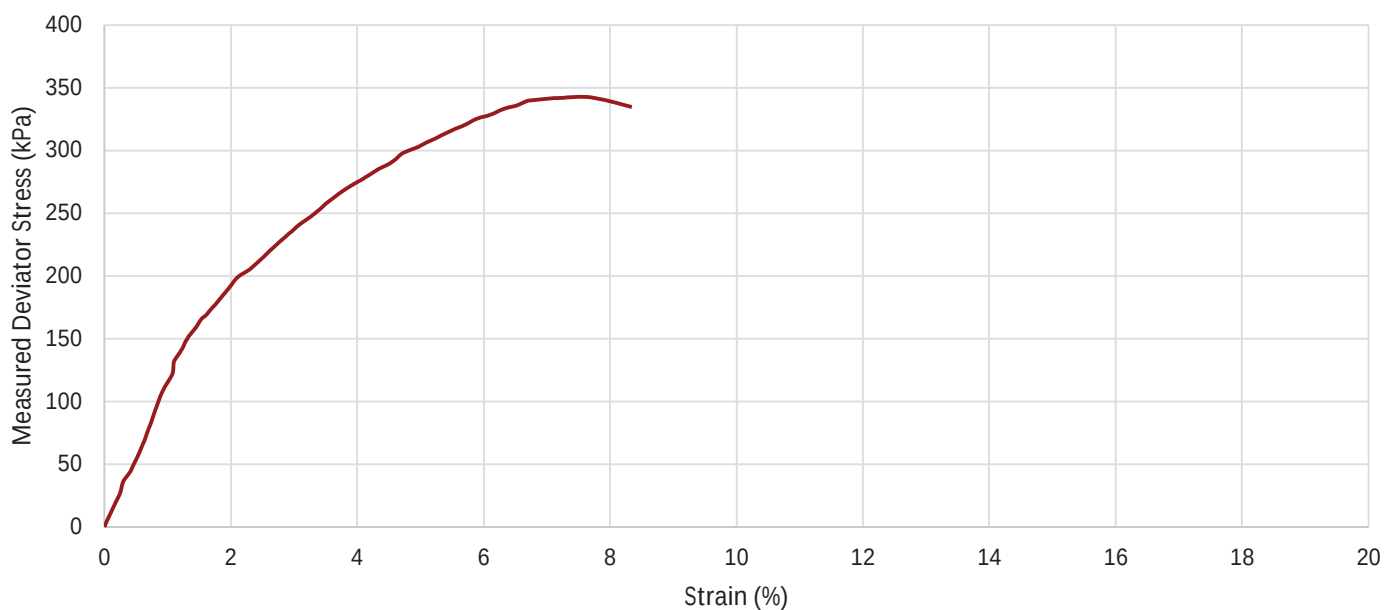
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description				Remarks	
BH04	19.00 - 19.45	U	3	Very stiff (very high strength) fissured dark greyish brown CLAY with rare light greyish brown silt pockets					
Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)		
	Depth of Top of Specimen (m) 19.14	199.0	102.7	3341	26.8	2.03	1.60		

TEST INFORMATION Rate of Strain 0.9 % per Min Rubber Membrane Thickness 0.3 mm



Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	380	7.5	0.5	\	342	171		

Method of Preparation: BS 1377: Part 1: 1990
 Method of Test: BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
 Comments: Tested in Vertical Condition
 UKAS Calibration - loads from 0.2 to 10kN
 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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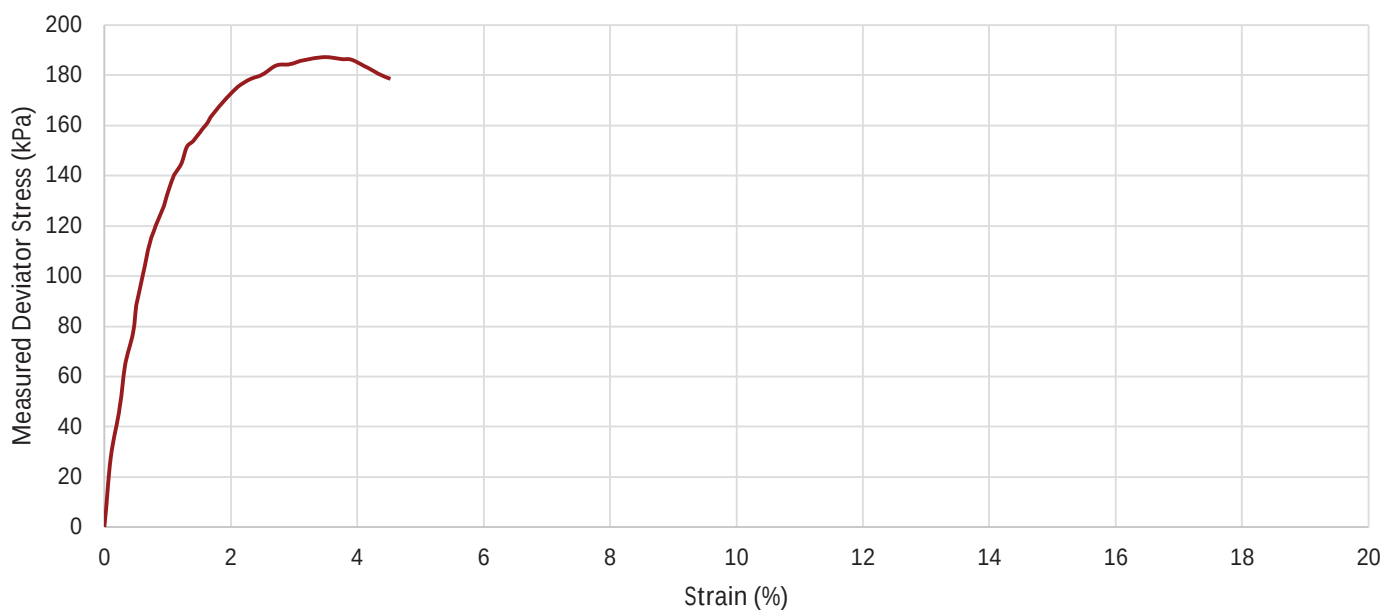
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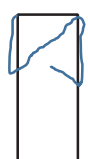
DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH08	8.50 - 8.95	U	1	Stiff (high strength) fissured dark greyish brown CLAY with occasional dark grey mottling.	Premature failure at 3.5% strain.

Initial Specimen	Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	199.3	102.8	3306	27.6	2.00	1.57

TEST INFORMATION	Rate of Strain	1.0 % per Min	Rubber Membrane Thickness	0.3 mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	171	3.5	0.3	\	187	94		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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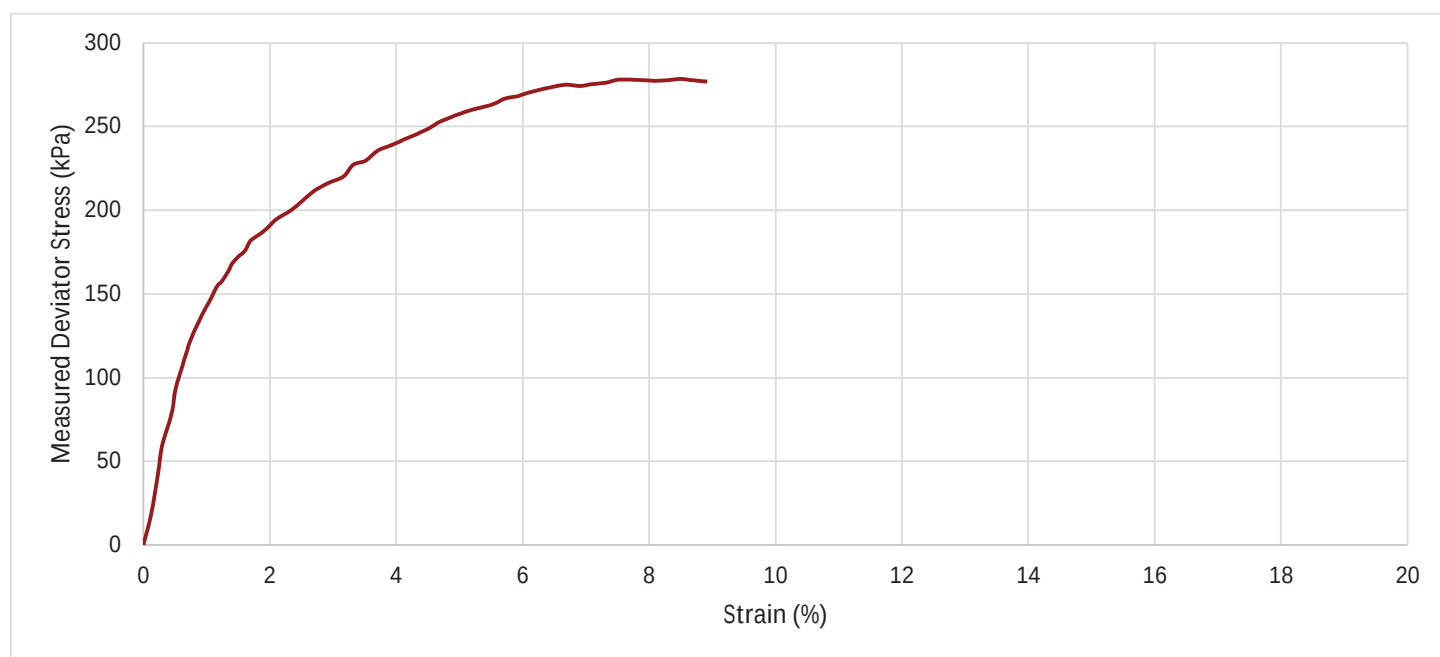
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH08	14.50 - 14.95	U	3	Stiff (high strength) fissured dark greyish brown CLAY with rare dark grey mottling.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	199.4	102.8	3345	24.6	2.02	1.62
	14.52						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	291	8.5	0.6	\	277	139		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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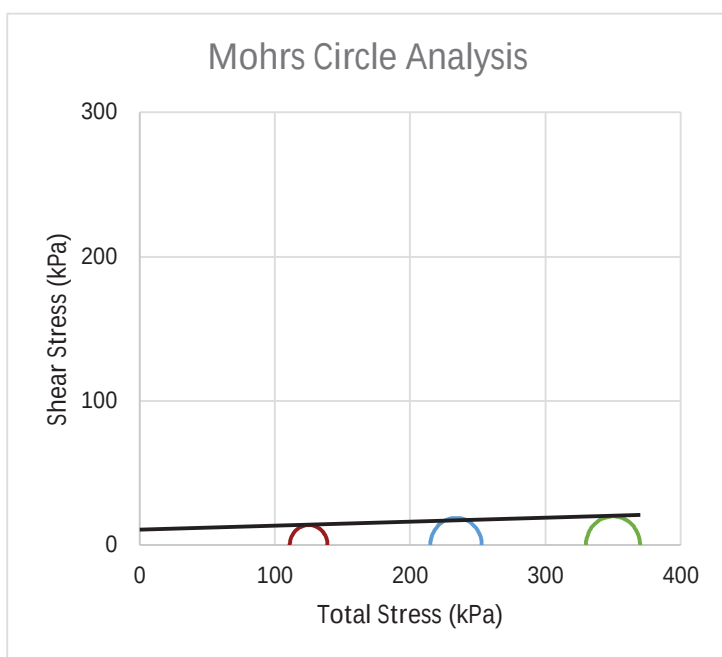
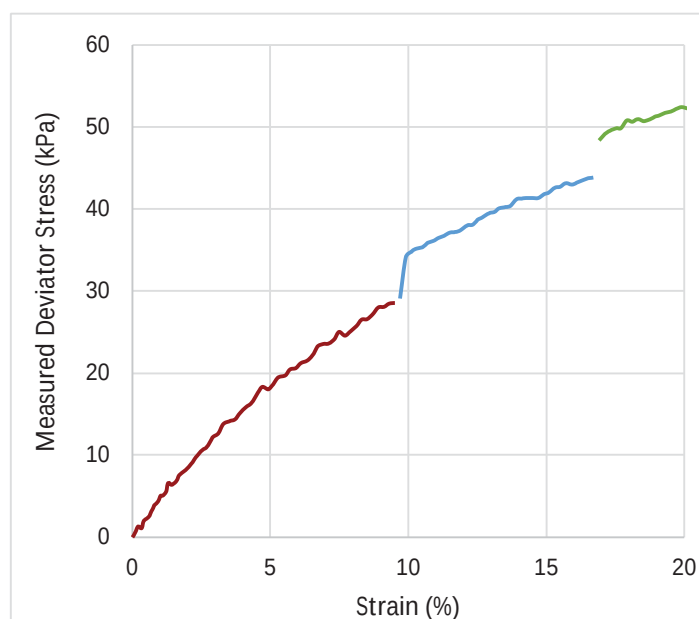
Contract	UK20.5052c - Pfizer, Havant
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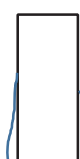
DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH10	5.50 - 5.95	U	1	Light olive brown slightly clayey sandy SILT with rare shell debris	

Initial Specimen	Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
 Depth of Top of Specimen (m) 5.63	154.9	104.9	2781	28.8	2.08	1.61

TEST INFORMATION	Rate of Strain	1.0 % per Min	Rubber Membrane Thickness	0.3 mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	111	9.5	0.6	/	28	14	11	1.6
	215	16.7	1.0	6.0	37	19		
	330	19.9	1.1	10.7	40	20		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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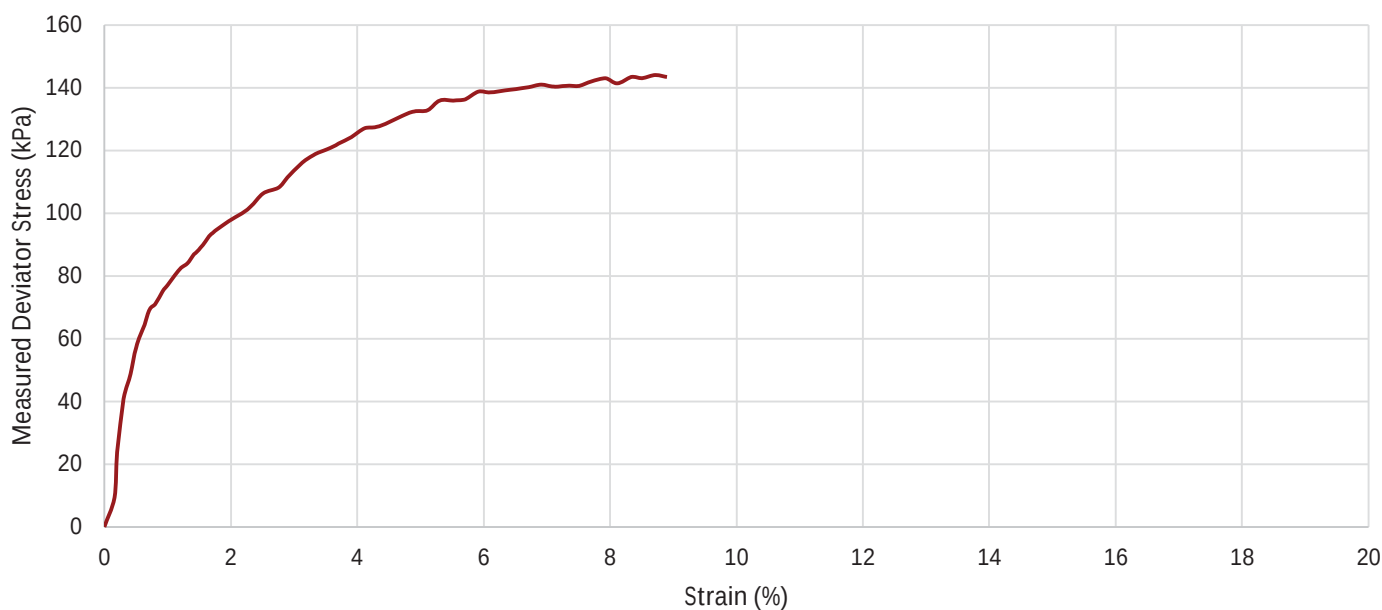
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description				Remarks	
BH10	14.50 - 14.95	U	3	Firm (medium strength) fissured greyish brown CLAY locally silty with occasional grey and light olive brown mottling					
Initial Specimen		Height (mm)		Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)	
	Depth of Top of Specimen (m) 14.68	199.5		102.5	3360	26.0	2.04	1.62	

TEST INFORMATION Rate of Strain 1.0 % per Min Rubber Membrane Thickness 0.3 mm



Specimen at failure 	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	291	8.7	0.6	\	143	72		

Method of Preparation: BS 1377: Part 1: 1990

Method of Test: BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading

Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter

Comments: Tested in Vertical Condition

UKAS Calibration - loads from 0.2 to 10kN

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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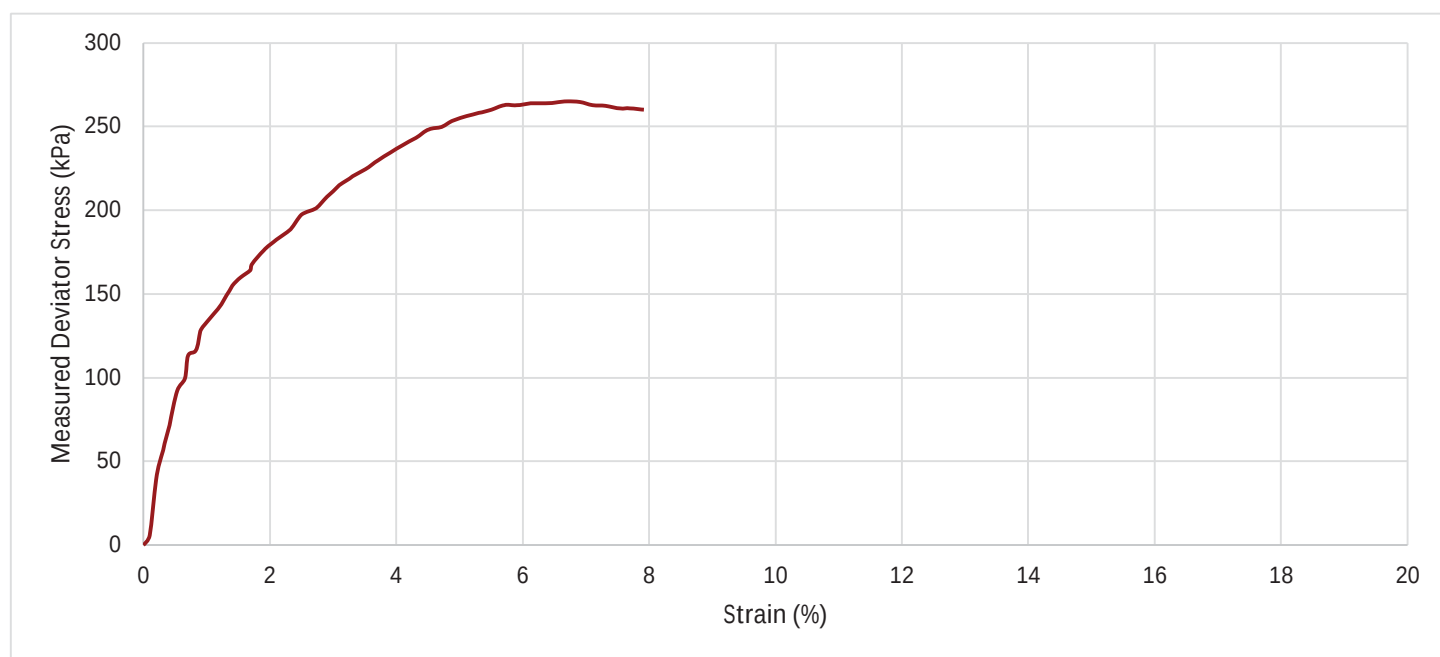
Contract	UK20.5052c - Pfizer, Havant
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH11	13.00 - 13.50	U	2	Stiff (high strength) fissured greyish brown CLAY locally silty with occasional grey and light olive brown mottling	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	184.3	102.3	3091	24.3	2.04	1.64
	13.14						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	260	6.7	0.5	\	265	133		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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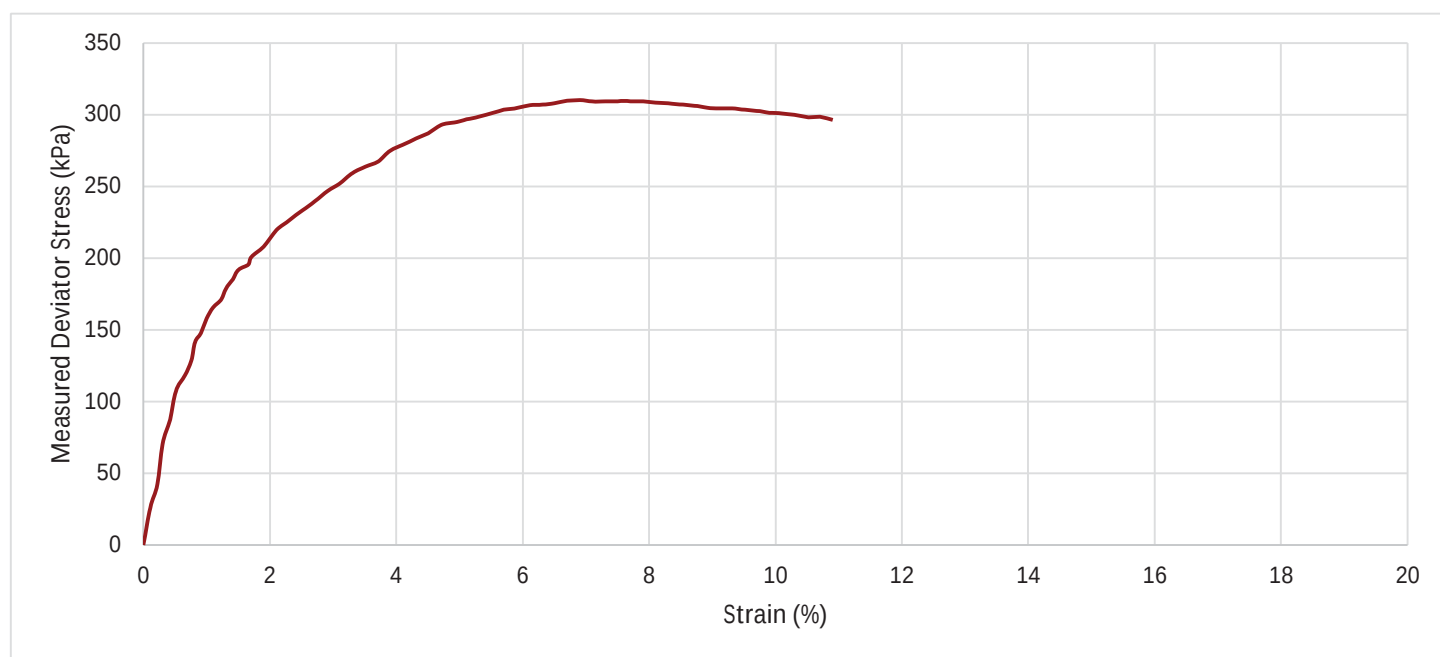
Contract	UK20.5052c - Pfizer, Havant
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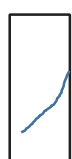
DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH11	17.50 - 17.95	U	3	Very stiff (very high strength) fissured dark greyish brown CLAY with rare light greyish brown silt pockets	

Initial Specimen	Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
 Depth of Top of Specimen (m) 17.68	199.2	102.8	3351	23.7	2.03	1.64

TEST INFORMATION	Rate of Strain	1.0 % per Min	Rubber Membrane Thickness	0.3 mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	349	6.9	0.5	\	310	155		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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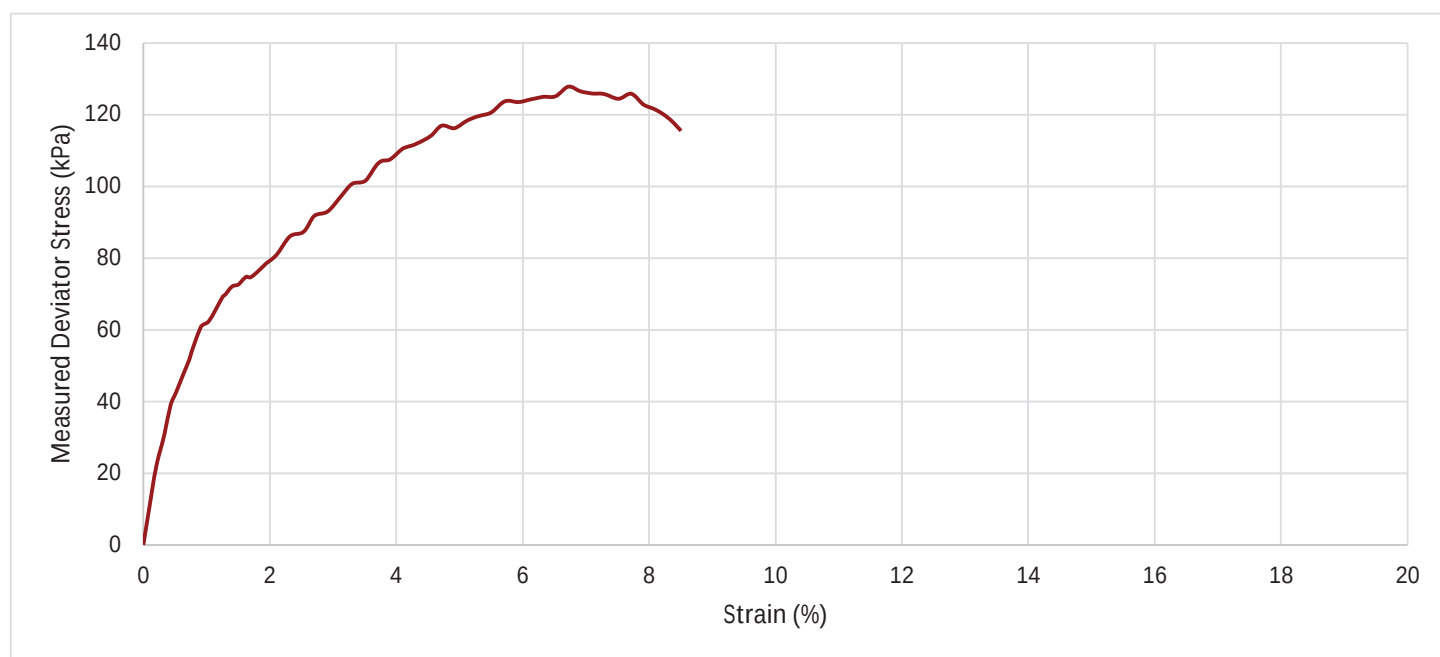
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH12	7.00	U	1	Firm (medium strength) fissured dark greyish brown CLAY with occasional dark grey mottling.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	199.3	102.1	3189	28.9	1.96	1.52
	7.05						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	141	6.7	0.5	\	128	64		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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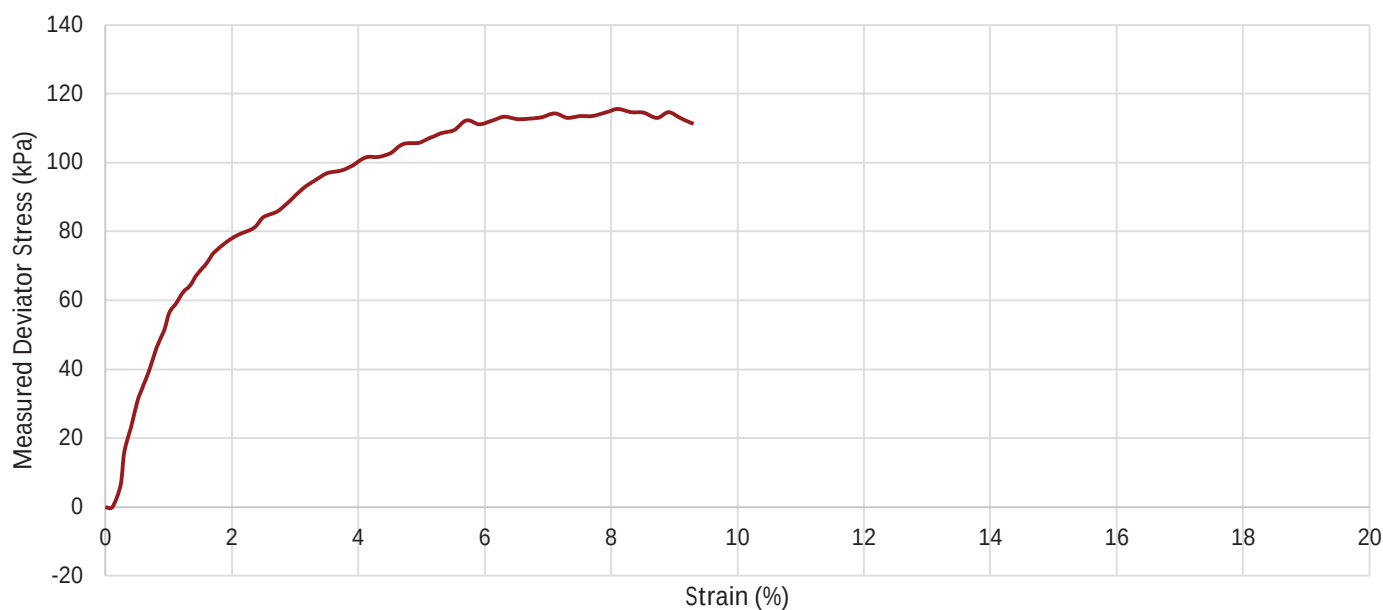
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH12	10.00	U	2	Firm (medium strength) fissured dark greyish brown CLAY with occasional greyish brown, rare dark grey mottling, and shell and fossil debris.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m) 10.05	199.6	102.6	3219	25.2	1.95	1.56

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure 	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	204	8.1	0.6	\	115	58		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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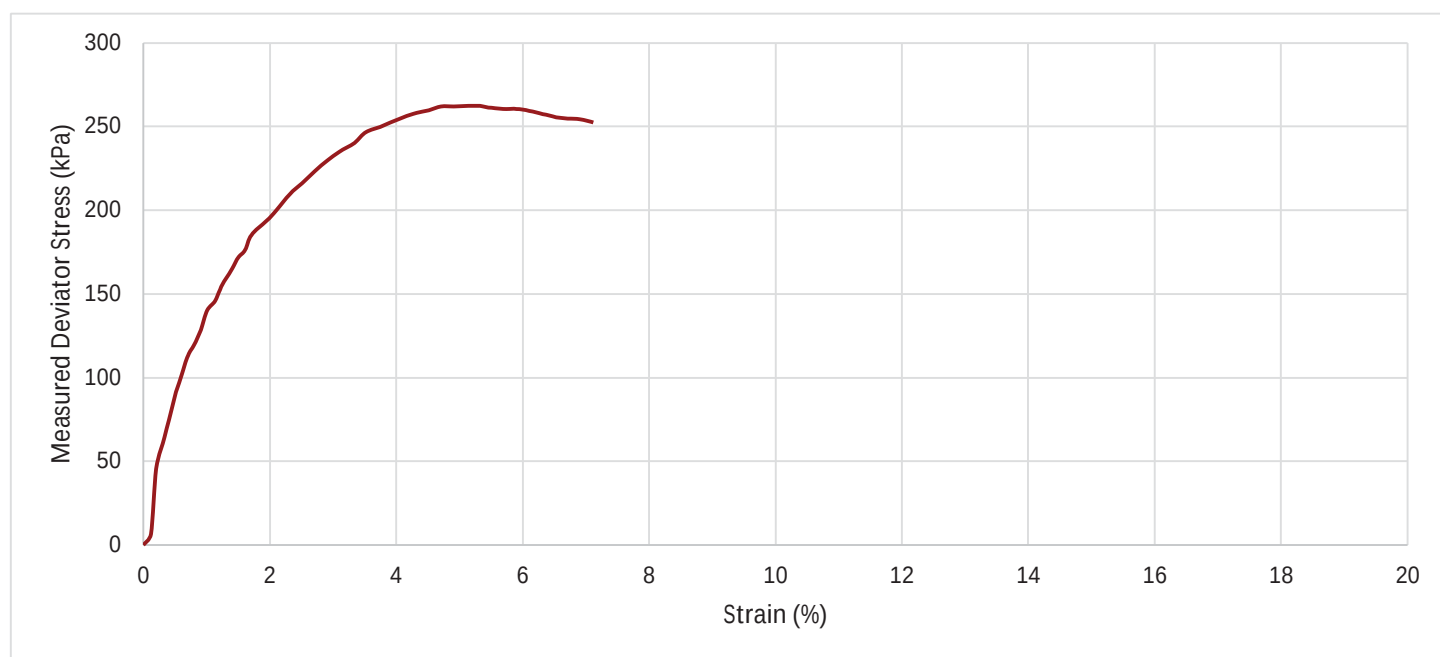
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH13	12.00 - 12.45	U	18	Stiff (high strength) fissured dark greyish brown calcareous CLAY with rare dark grey mottling.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	199.2	102.7	3345	26.7	2.03	1.60
	12.02						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	242	5.1	0.4	\	262	131		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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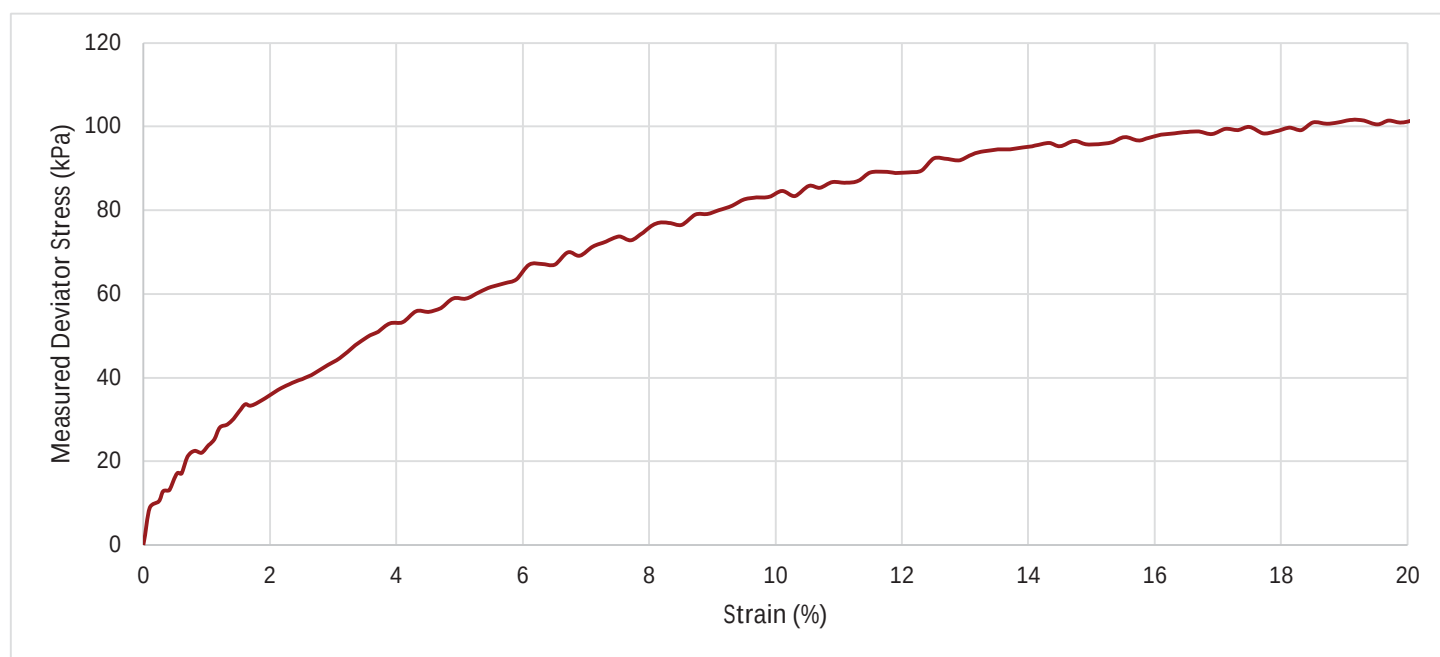
Contract	UK20.5052c - Pfizer, Havant
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DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole / Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH16	5.00 - 5.45	U	11	Firm (medium strength) greyish brown slightly sandy calcareous CLAY with occasional light grey and light brownish grey mottling, rare orange staining, and gravel.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m)	200.0	102.7	3432	25.5	2.07	1.65
	5.14						

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	102	20.1	1.1	\	101	51		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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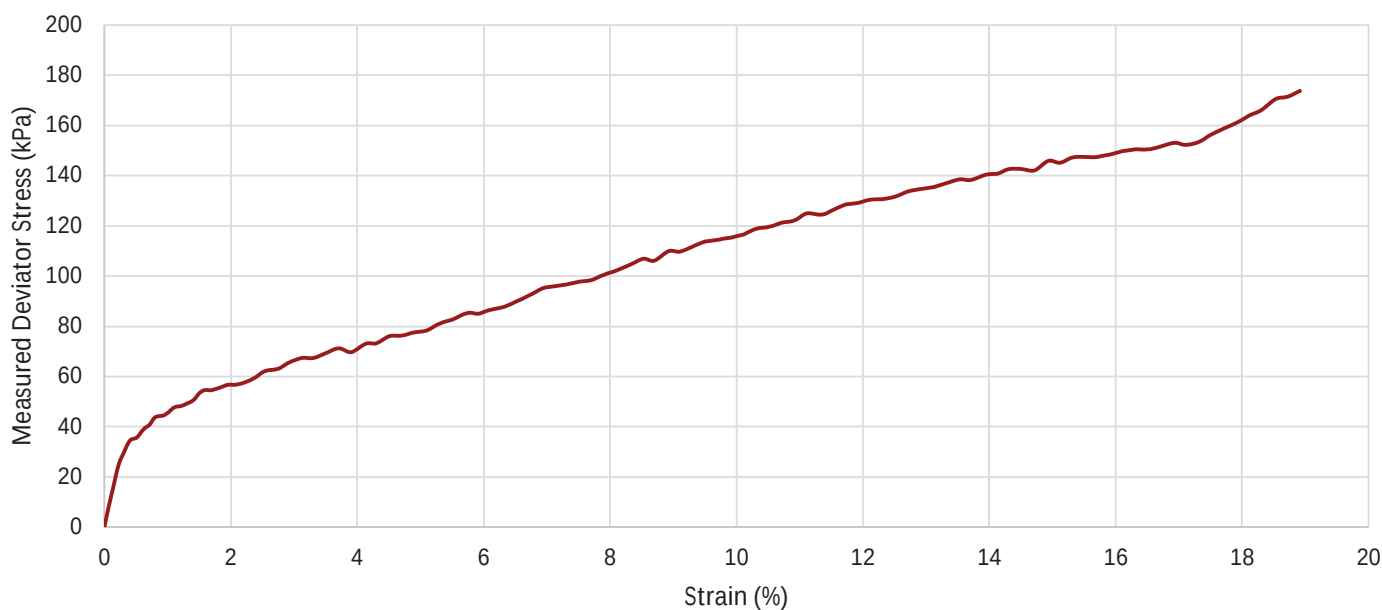
Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH16	12.00 - 12.45	U	24	Stiff (high strength) fissured dark greyish brown CLAY with occasional dark grey mottling, and rare fossil and shell debris.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m³)	Dry Density (Mg/m³)
	Depth of Top of Specimen (m) 12.11	199.2	103.4	3344	26.4	2.00	1.58

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure 	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	241	18.9	1.1	\	173	87		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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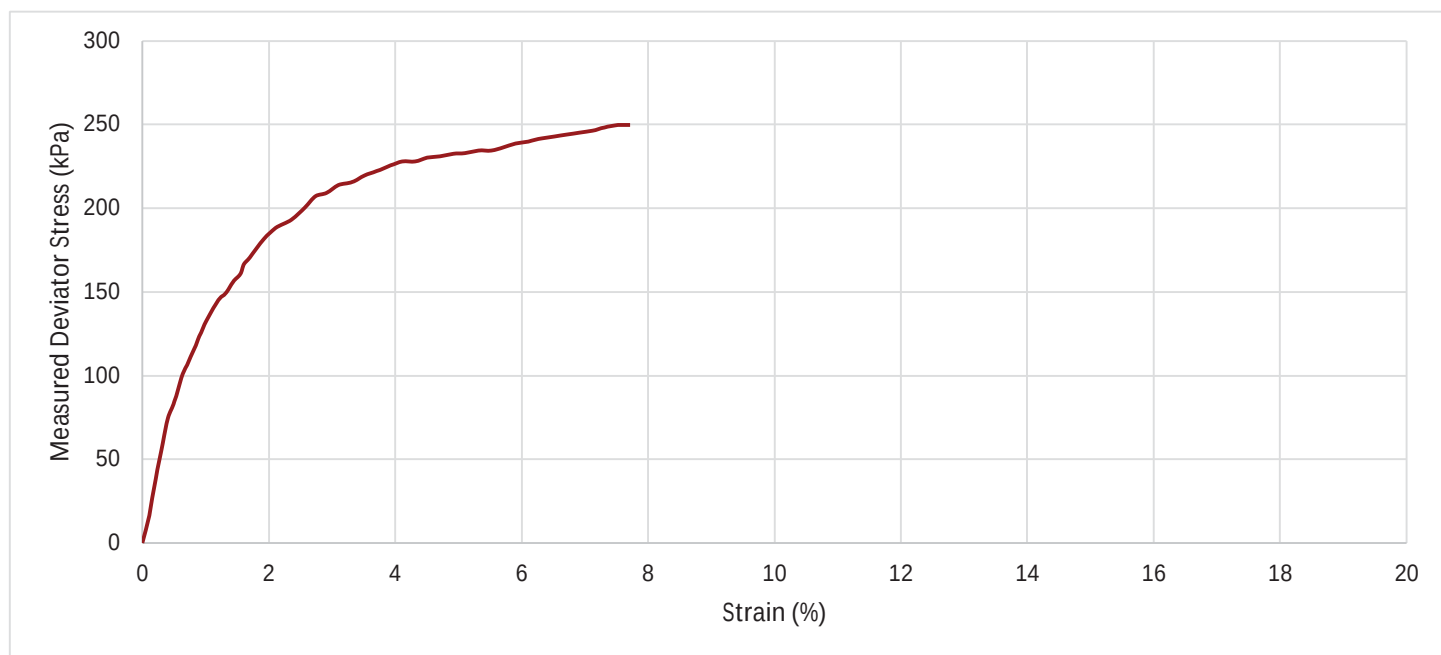
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Serial No.	38207_1

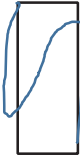
DETERMINATION OF UNDRAINED SHEAR STRENGTH IN TRIAXIAL COMPRESSION WITHOUT MEASUREMENT OF PORE PRESSURE

Borehole /Pit No.	Depth (m)	Type	Reference	Description	Remarks
BH17	12.00 - 12.45	U	20	Stiff (high strength) fissured friable calcareous CLAY with occasional dark grey mottling, and rare shell and fossil debris.	

Initial Specimen		Height (mm)	Diameter (mm)	Weight (g)	Water Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)
	Depth of Top of Specimen (m) 12.12	199.2	103.5	3388	24.9	2.02	1.62

TEST INFORMATION	Rate of Strain	1.0	% per Min	Rubber Membrane Thickness	0.3	mm
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Specimen at failure 	Measured Cell Pressure, σ_3 (kPa)	Strain at Failure (%)	Stress Corrections (kPa)		Corrected Max. Deviator Stress, $(\sigma_1 - \sigma_3)_f$ (kPa)	Shear Stress C_u , $\frac{1}{2}(\sigma_1 - \sigma_3)_f$ (kPa)	Mohr's Circle Analysis	
			Rubber Membrane	Piston Friction			C_u (kPa)	ϕ (degrees)
	244	7.7	0.5	\	249	125		

Method of Preparation:	BS 1377: Part 1: 1990
Method of Test:	BS 1377: Part 7: 1990: 8 Definitive Method, 1990: 9 Multi-stage loading
Type of Sample Key:	U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
Comments:	Tested in Vertical Condition UKAS Calibration - loads from 0.2 to 10kN
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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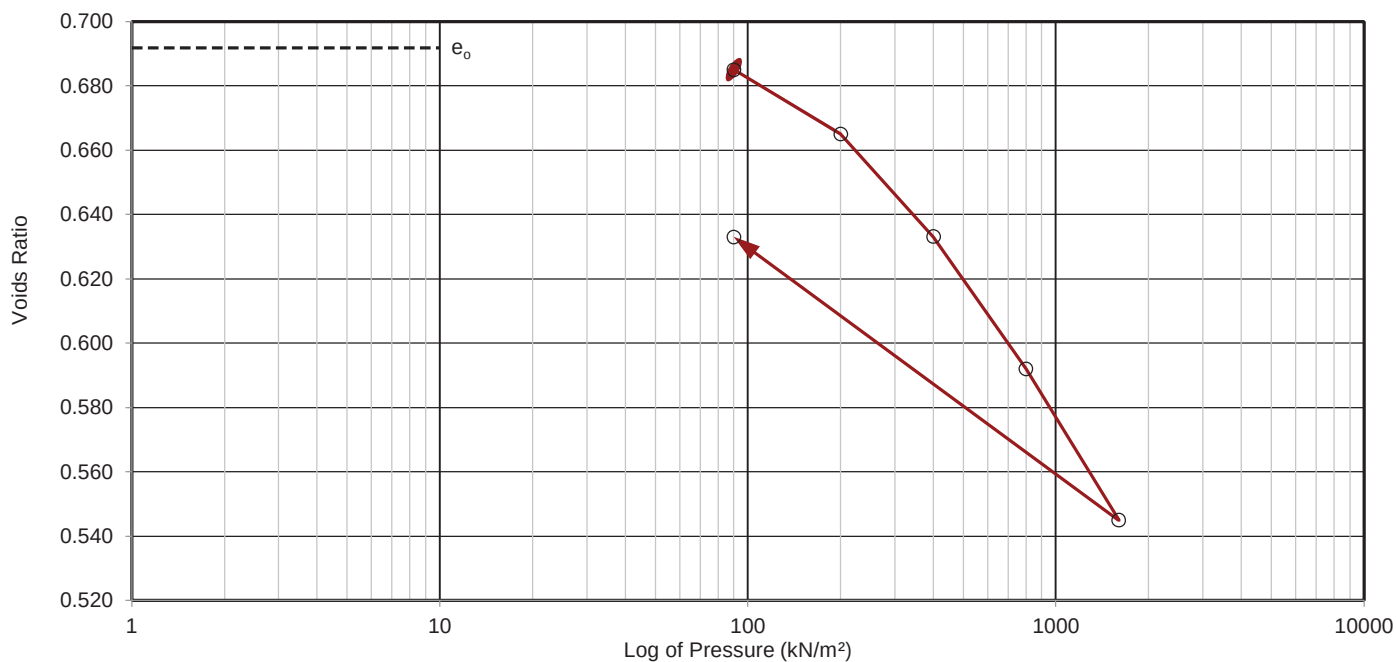


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Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF THE ONE-DIMENSIONAL CONSOLIDATION PROPERTIES

Borehole/ Pit No.	Depth (m)	Type	Ref.	Specimen Depth (m) and Orientation	Water Content (%)	Description				Remarks		
BH04	11.50 - 11.95	U	1	11.58	25.4	Stiff (high strength) slightly fissured greyish brown CLAY locally silty with occasional olive grey mottling						
				Horizontal								
Initial Conditions					Increment No.	Load (kN/m²)	Change in Height (mm)	Void Ratio	Cv (m²/yr)	Mv (m²/MN)	Temp (°C)	Corrected Cv
Height		mm	18.90		1	90	0.076	0.685			22	
Diameter		mm	75.00		2	200	0.301	0.665	0.47	0.11	22	0.45
Wet Weight		g	168.92		3	400	0.658	0.633	0.41	0.10	22	0.39
Water Content		%	25.4		4	800	1.113	0.592	0.42	0.06	22	0.40
Bulk Density		Mg/m³	2.02		5	1600	1.639	0.545	0.48	0.04	22	0.46
Particle Density			Assumed	2.73	6	90	0.660	0.633		0.04	22	
Voids Ratio			0.692									
Degree of Saturation		%	100									
Swelling Pressure		kN/m²	90									
Dry Density		Mg/m³	1.61									



Method of Preparation: BS 1377: Part 5: 1990: 3.3 & 3.4
 Method of Test: BS 1377: Part 5: 1990: 3.5
 Method of Time Fitting Used: Square root
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
 Comments:

Remarks to Include: Sample disturbance, loss of water, 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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DATE ISSUED: 02/03/2021

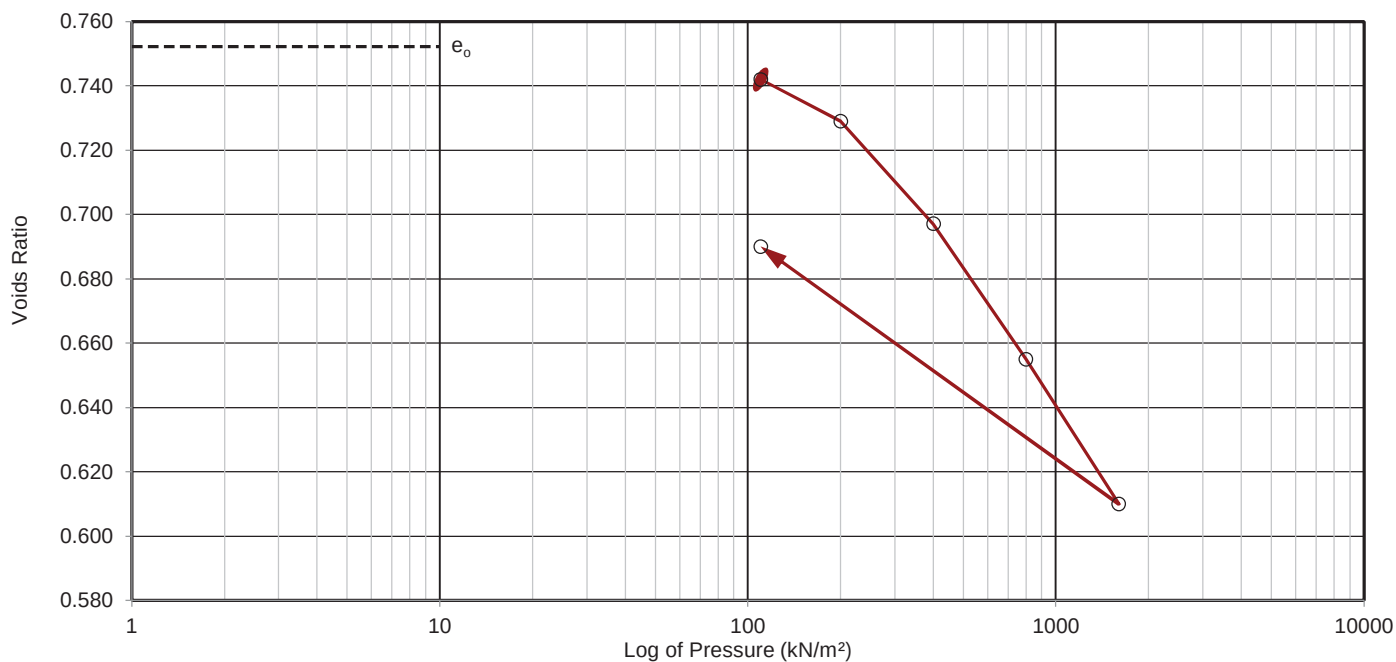


0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF THE ONE-DIMENSIONAL CONSOLIDATION PROPERTIES

Borehole/ Pit No.	Depth (m)	Type	Ref.	Specimen Depth (m) and Orientation	Water Content (%)	Description				Remarks		
BH04	19.00 - 19.45	U	3	19.10	25.8	Very stiff (very high strength) fissured dark greyish brown CLAY with rare light greyish brown silt pockets						
				Horizontal								
Initial Conditions					Increment No.	Load (kN/m²)	Change in Height (mm)	Void Ratio	Cv (m²/yr)	Mv (m²/MN)	Temp (°C)	Corrected Cv
Height		mm	18.66		1	110	0.111	0.742			22	
Diameter		mm	49.99		2	200	0.251	0.729	0.32	0.08	22	0.30
Wet Weight		g	74.42		3	400	0.592	0.697	0.27	0.09	22	0.26
Water Content		%	25.8		4	800	1.033	0.655	0.35	0.06	22	0.33
Bulk Density		Mg/m³	2.03		5	1600	1.519	0.610	0.35	0.03	22	0.33
Particle Density			Assumed	2.83	6	110	0.664	0.690		0.03	22	
Voids Ratio			0.752									
Degree of Saturation		%	97									
Swelling Pressure		kN/m²	110									
Dry Density		Mg/m³	1.62									



Method of Preparation: BS 1377: Part 5: 1990: 3.3 & 3.4
 Method of Test: BS 1377: Part 5: 1990: 3.5
 Method of Time Fitting Used: Square root
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
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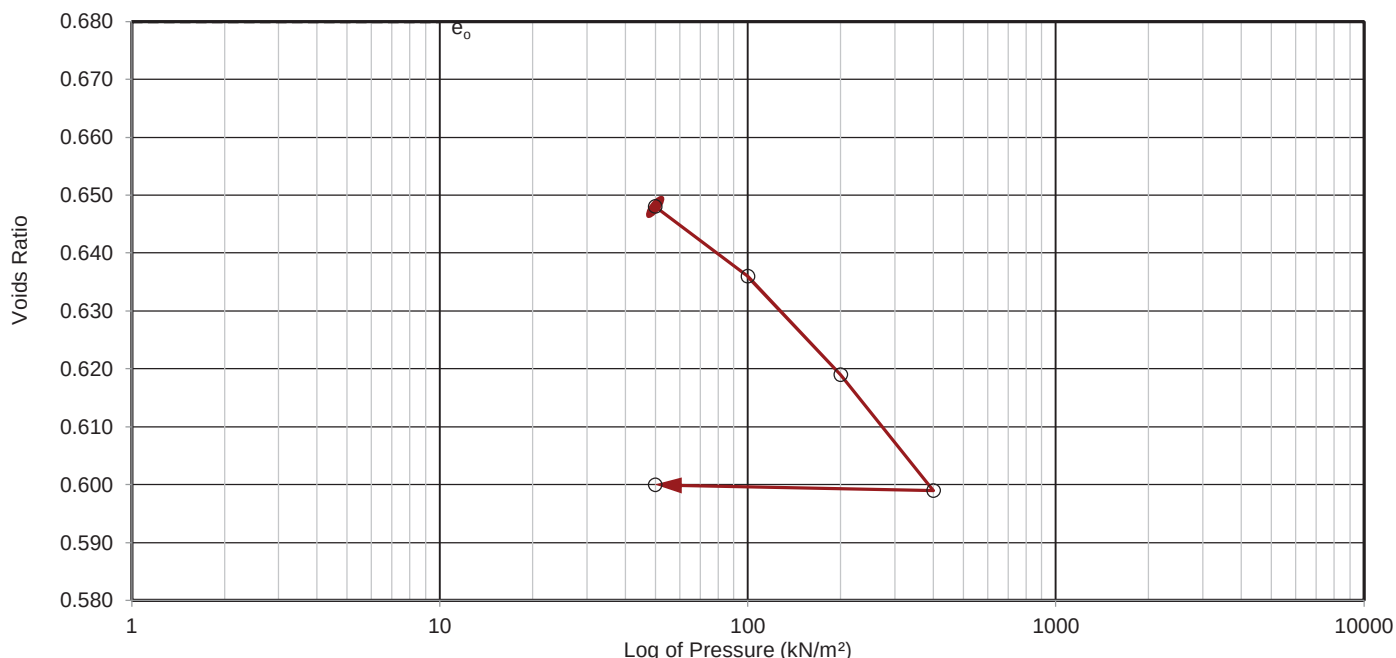


0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF THE ONE-DIMENSIONAL CONSOLIDATION PROPERTIES

Borehole/ Pit No.	Depth (m)	Type	Ref.	Specimen Depth (m) and Orientation	Water Content (%)	Description				Remarks		
BH10	5.50 - 5.95	U	1	5.60	26.1	Light olive brown slightly clayey sandy SILT with rare shell debris						
				Horizontal								
Initial Conditions					Increment No.	Load (kN/m²)	Change in Height (mm)	Void Ratio	Cv (m²/yr)	Mv (m²/MN)	Temp (°C)	Corrected Cv
Height		mm	18.86		1	50	0.358	0.648	8.12	0.38	22	7.70
Diameter		mm	74.99		2	100	0.496	0.636	1.58	0.15	22	1.50
Wet Weight		g	168.78		3	200	0.679	0.619	1.90	0.10	22	1.80
Water Content		%	26.1		4	400	0.914	0.599	2.11	0.07	22	2.00
Bulk Density		Mg/m³	2.03		5	50	0.895	0.600		0.00	22	
Particle Density			Assumed 2.70									
Voids Ratio			0.680									
Degree of Saturation			104									
Swelling Pressure			kN/m² <50									
Dry Density			Mg/m³ 1.61									



Method of Preparation: BS 1377: Part 5: 1990: 3.3 & 3.4
 Method of Test: BS 1377: Part 5: 1990: 3.5
 Method of Time Fitting Used: Square root
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
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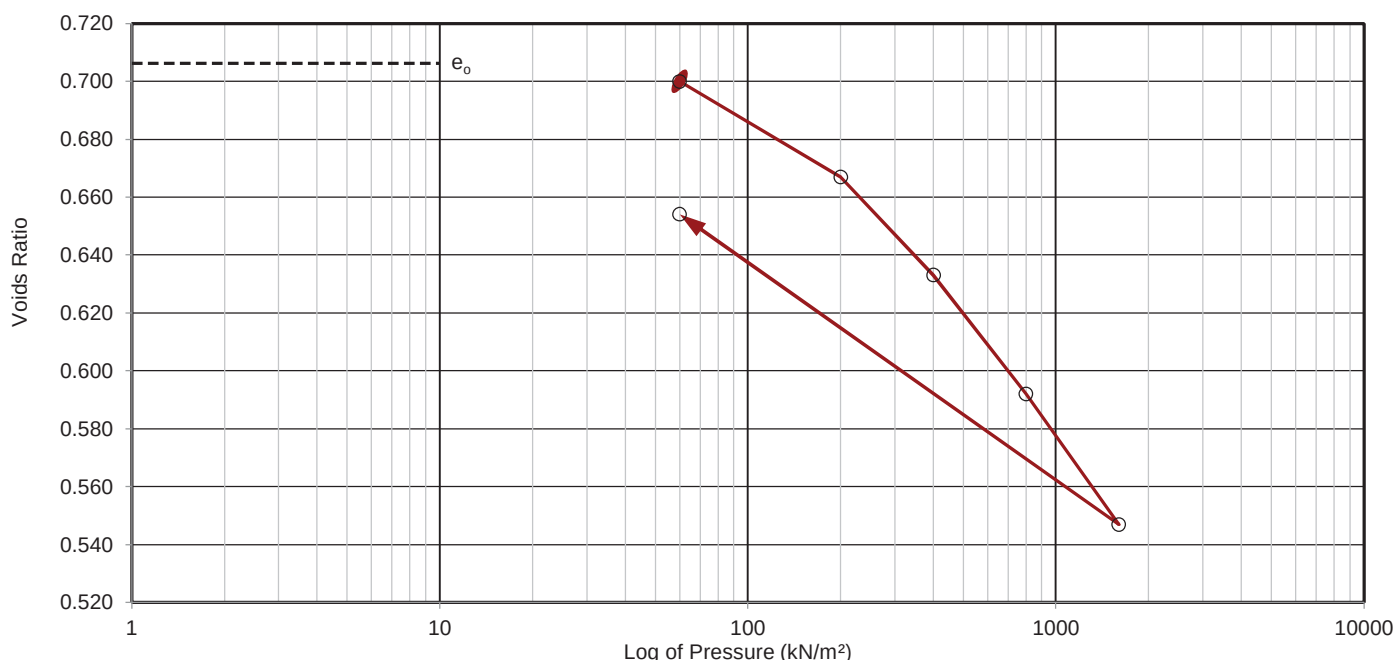


0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF THE ONE-DIMENSIONAL CONSOLIDATION PROPERTIES

Borehole/ Pit No.	Depth (m)	Type	Ref.	Specimen Depth (m) and Orientation	Water Content (%)	Description				Remarks		
BH10	14.50 - 14.95	U	3	14.65	25.9	Firm (medium strength) fissured greyish brown CLAY locally silty with occasional grey and light olive brown mottling						
				Horizontal								
Initial Conditions					Increment No.	Load (kN/m²)	Change in Height (mm)	Void Ratio	Cv (m²/yr)	Mv (m²/MN)	Temp (°C)	Corrected Cv
Height		mm	19.07		1	60	0.065	0.700			22	
Diameter		mm	75.01		2	200	0.441	0.667	0.25	0.14	22	0.24
Wet Weight		g	169.74		3	400	0.822	0.633	0.32	0.10	22	0.30
Water Content		%	25.9		4	800	1.273	0.592	0.36	0.06	22	0.34
Bulk Density		Mg/m³	2.01		5	1600	1.777	0.547	0.42	0.04	22	0.40
Particle Density			Assumed	2.73	6	60	0.581	0.654		0.05	22	
Voids Ratio			0.706									
Degree of Saturation			100									
Swelling Pressure			60									
Dry Density			1.60									



Method of Preparation: BS 1377: Part 5: 1990: 3.3 & 3.4
 Method of Test: BS 1377: Part 5: 1990: 3.5
 Method of Time Fitting Used: Square root
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
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Remarks to Include: Sample disturbance, loss of water, 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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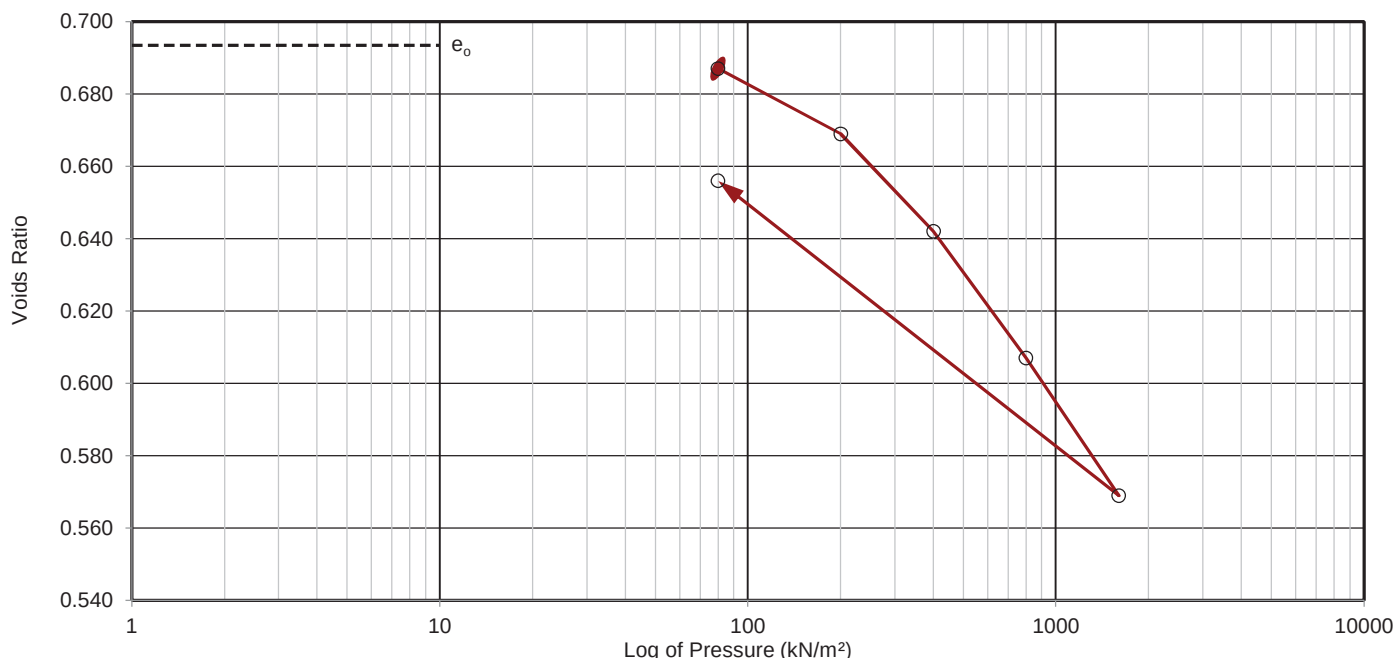


0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF THE ONE-DIMENSIONAL CONSOLIDATION PROPERTIES

Borehole/ Pit No.	Depth (m)	Type	Ref.	Specimen Depth (m) and Orientation	Water Content (%)	Description				Remarks		
BH11	13.00 - 13.50	U	2	13.10	24.2	Stiff (high strength) fissured greyish brown CLAY locally silty with occasional grey and light olive brown mottling						
				Horizontal								
Initial Conditions					Increment No.	Load (kN/m²)	Change in Height (mm)	Void Ratio	Cv (m²/yr)	Mv (m²/MN)	Temp (°C)	Corrected Cv
Height		mm	18.97		1	80	0.072	0.687			22	
Diameter		mm	75.00		2	200	0.271	0.669	0.35	0.09	22	0.33
Wet Weight		g	170.76		3	400	0.578	0.642	0.30	0.08	22	0.28
Water Content		%	24.2		4	800	0.967	0.607	0.40	0.05	22	0.38
Bulk Density		Mg/m³	2.04		5	1600	1.392	0.569	0.64	0.03	22	0.61
Particle Density			Assumed	2.78	6	80	0.416	0.656		0.04	22	
Voids Ratio			0.693									
Degree of Saturation			%	97								
Swelling Pressure			kN/m²	80								
Dry Density			Mg/m³	1.64								



Method of Preparation: BS 1377: Part 5: 1990: 3.3 & 3.4
 Method of Test: BS 1377: Part 5: 1990: 3.5
 Method of Time Fitting Used: Square root
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
 Comments:

Remarks to Include: Sample disturbance, loss of water, 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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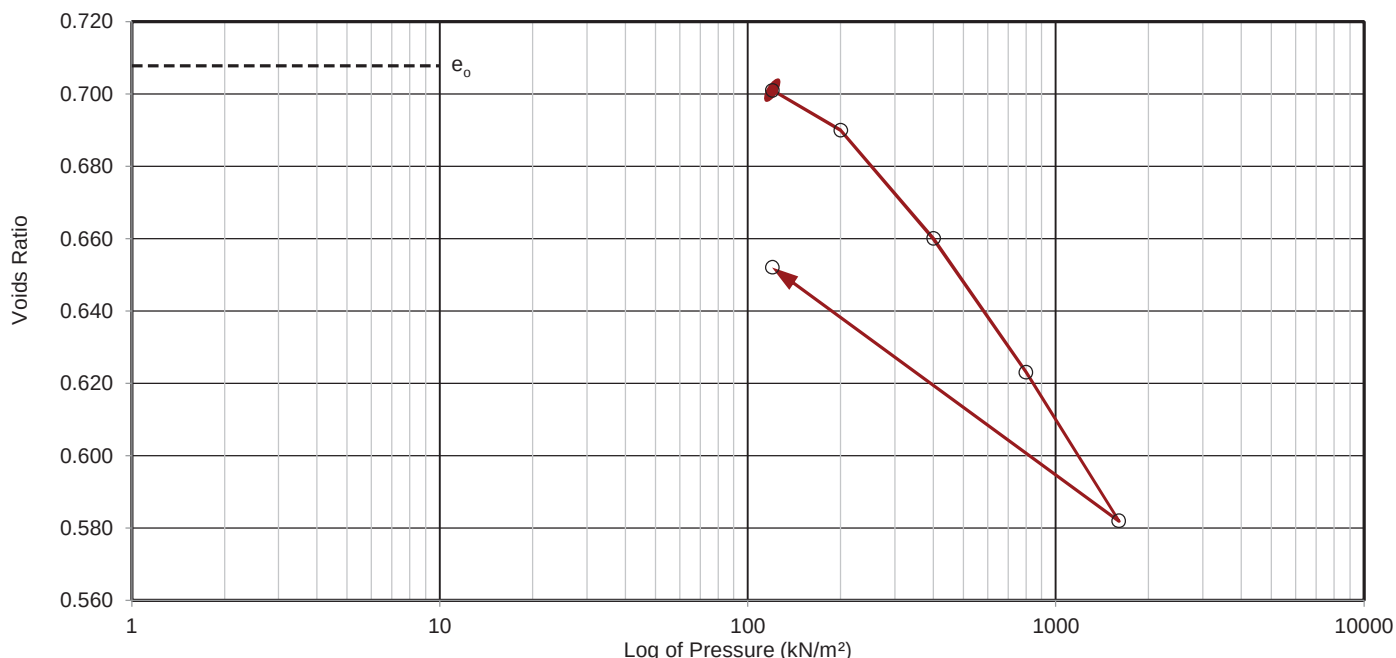


0998

Contract	UK20.5052c - Pfizer, Havant
Serial No.	38207_1

DETERMINATION OF THE ONE-DIMENSIONAL CONSOLIDATION PROPERTIES

Borehole/ Pit No.	Depth (m)	Type	Ref.	Specimen Depth (m) and Orientation	Water Content (%)	Description				Remarks		
BH11	17.50 - 17.95	U	3	17.65	24.6	Very stiff (very high strength) fissured dark greyish brown CLAY with rare light greyish brown silt pockets						
				Horizontal								
Initial Conditions					Increment No.	Load (kN/m²)	Change in Height (mm)	Void Ratio	Cv (m²/yr)	Mv (m²/MN)	Temp (°C)	Corrected Cv
Height		mm	18.70		1	120	0.076	0.701			22	
Diameter		mm	50.01		2	200	0.190	0.690	0.22	0.08	22	0.21
Wet Weight		g	74.77		3	400	0.518	0.660	0.27	0.09	22	0.26
Water Content		%	24.6		4	800	0.928	0.623	0.41	0.06	22	0.39
Bulk Density		Mg/m³	2.04		5	1600	1.381	0.582	0.38	0.03	22	0.36
Particle Density			Assumed	2.79	6	120	0.612	0.652		0.03	22	
Voids Ratio			0.708									
Degree of Saturation		%	97									
Swelling Pressure		kN/m²	120									
Dry Density		Mg/m³	1.63									



Method of Preparation: BS 1377: Part 5: 1990: 3.3 & 3.4
 Method of Test: BS 1377: Part 5: 1990: 3.5
 Method of Time Fitting Used: Square root
 Type of Sample Key: U = Undisturbed, B = Bulk, D = Disturbed, J = Jar, W = Water, SPT = Split Spoon Sample, C = Core Cutter
 Comments:

Remarks to Include: Sample disturbance, loss of water, variation from test procedure, location and origin of test specimen within original sample, oven drying temperature if not 105-110 °C.

APPENDIX J

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 K

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 Chemicals

Apply Chemicals to Model

[Back to Guide](#)

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]

[Restore Defaults](#)

[Back to Menu](#)

[illegible]

ADVANCED SETTINGS

Restore Defaults

[Back to Menu](#)

[illegible]

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	6
User defined effective air permeability	cm^2	3.05E-08

STEP 5: RESULTS

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