

## **E      Infiltration Test Results**

# IN SITU TESTING - Soakaway Test



Project: **Ploughley Road, Ambrosden**  
 Project No: **B05927**

Test Location : **TP02**  
 Date : **12/10/22**

Pit Details:  
 Pit Length 1.60m  
 Pit Width 0.60m

Test 1	
Pit Depth	1.50m
Start head	0.70m
Elapsed Time (minutes)	Depth to water (m)
0	0.80
1	0.88
5	0.95
15	1.10
20	1.22
30	1.40
<b>t<sub>p75</sub> = 6</b>	
<b>t<sub>p25</sub> = 25</b>	

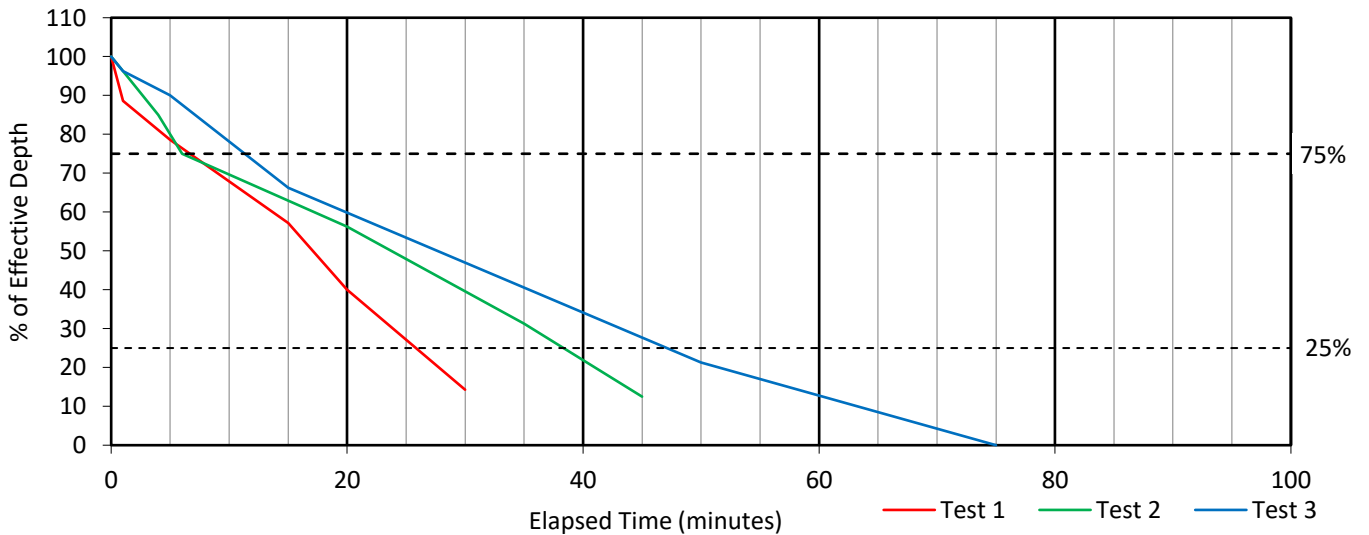
Test 2	
Pit Depth	1.50m
Start head	0.80m
Elapsed Time (minutes)	Depth to water (m)
0	0.70
1	0.73
4	0.82
6	0.90
20	1.05
35	1.25
45	1.40
<b>t<sub>p75</sub> = 6</b>	
<b>t<sub>p25</sub> = 35</b>	

Test 3	
Pit Depth	1.40m
Start head	0.80m
Elapsed Time (minutes)	Depth to water (m)
0	0.60
1	0.63
5	0.68
15	0.87
50	1.23
75	1.40
<b>t<sub>p75</sub> = 12</b>	
<b>t<sub>p25</sub> = 47</b>	

Strata:  
 GL Reworked Topsoil  
 0.50m Brown to orange sandy CLAY  
 1.00m Brown to orange clayey sandy cobbly GRAVEL.

	Test 1	Test 2	Test 3
% of effective depth	75%	25%	75%
Depth from GL	0.98m	1.33m	0.88m
Start head	0.53m	0.18m	0.60m
Time (mins)	6min	25min	12min
V <sub>p75-25</sub>	0.34m <sup>3</sup>	0.38m <sup>3</sup>	0.38m <sup>3</sup>
a <sub>p50</sub>	2.50m <sup>2</sup>	2.72m <sup>2</sup>	2.72m <sup>2</sup>

<b>Soil Infiltration rate</b>	<b>1.18E-04m/s</b>	<b>7.72E-05m/s</b>	<b>6.40E-05m/s</b>
	<b>424mm/hr</b>	<b>278mm/hr</b>	<b>230mm/hr</b>



Remarks: None.

# IN SITU TESTING - Soakaway Test

clarkebond

Project: **Ploughley Road, Ambrosden**  
 Project No: **B05927**

Test Location : **TP03**  
 Date : **12/10/22**

Pit Details:

Pit Length 1.30m  
 Pit Width 0.60m

Strata:

GL Topsoil  
 0.25m Brown to orange sandy CLAY.  
 0.85m Brown to orange clayey sandy cobbly GRAVEL.

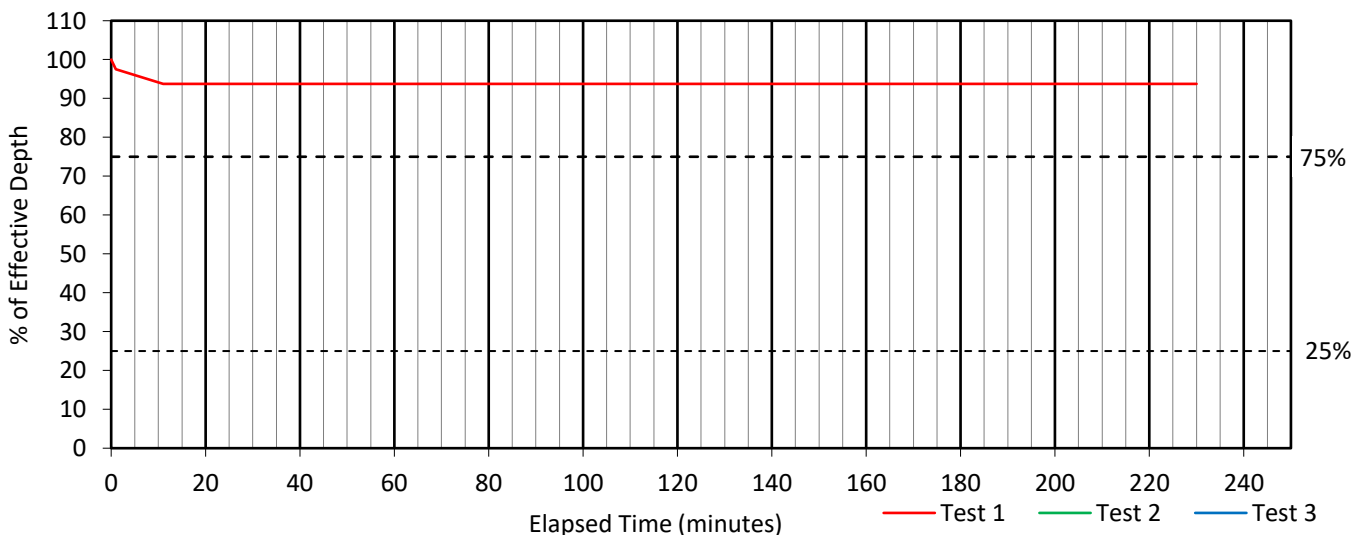
Test 1	
Pit Depth	1.30m
Start head	0.80m
Elapsed Time (minutes)	Depth to water (m)
0	0.50
1	0.52
11	0.55
50	0.55
160	0.55
230	0.55
$t_{p75}$ =	-
$t_{p25}$ =	-

Test 2	
Pit Depth	
Start head	0.00m
Elapsed Time (minutes)	Depth to water (m)
$t_{p75}$ =	-
$t_{p25}$ =	-

Test 3	
Pit Depth	
Start head	0.00m
Elapsed Time (minutes)	Depth to water (m)
$t_{p75}$ =	-
$t_{p25}$ =	-

% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	0.70m	1.10m	-0.60m	-0.20m	-0.60m	-0.20m
Start head	0.60m	0.20m	0.00m	0.00m	0.00m	0.00m
Time (mins)	-	-	-	-	-	-
$V_{p75-25}$	0.31m <sup>3</sup>		0.00m <sup>3</sup>		0.00m <sup>3</sup>	
$a_{p50}$	2.30m <sup>2</sup>		0.78m <sup>2</sup>		0.78m <sup>2</sup>	

Soil Infiltration rate			
	-	-	-
	-	-	-



Remarks: Test failed after 230mins at 0.55m depth.

# IN SITU TESTING - Soakaway Test

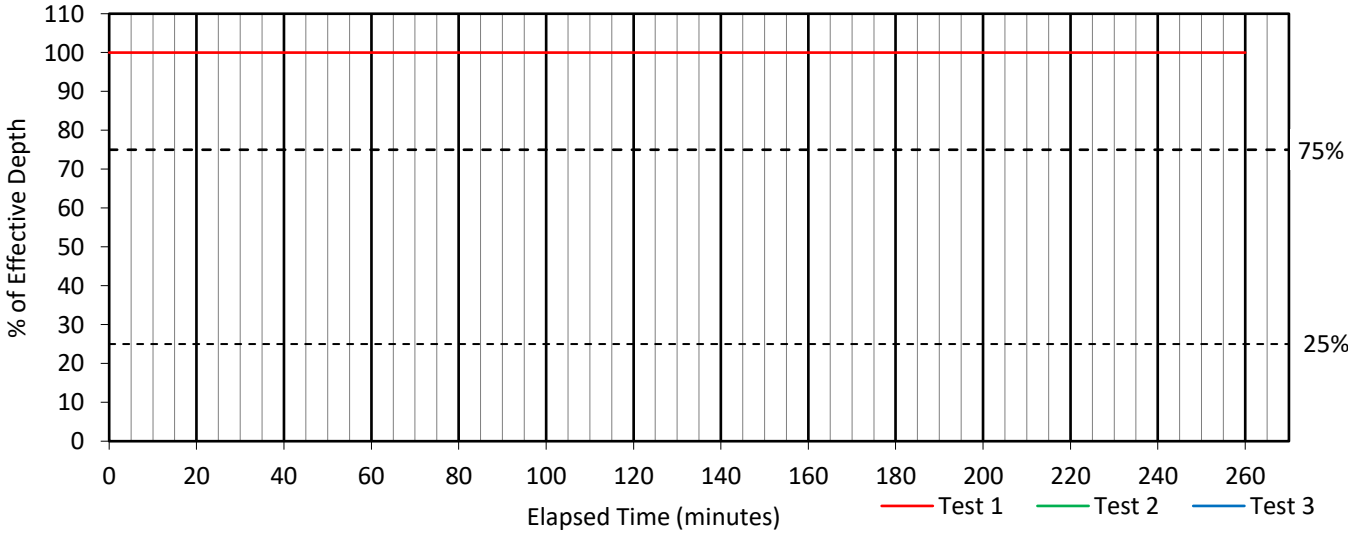
clarkebond

Project: **Ploughley Road, Ambrosden**  
 Project No: **B05927**

Test Location : **TP10**  
 Date : **12/10/22**

Pit Details:		Test 1		Test 2		Test 3	
Pit Length	1.90m	Pit Depth	1.90m	Pit Depth		Pit Depth	
Pit Width	0.60m	Start head	1.00m	Start head	0.00m	Start head	0.00m
		Elapsed Time (minutes)	Depth to water (m)	Elapsed Time (minutes)	Depth to water (m)	Elapsed Time (minutes)	Depth to water (m)
		0	0.90				
		1	0.90				
		5	0.90				
		20	0.90				
		50	0.90				
GL	Strata: Reworked Topsoil	145	0.90				
		260	0.90				
0.40m	Brown/orange to grey sandy CLAY.						
0.50m	Dark grey slightly sandy CLAY						
		$t_{p75} =$	-	$t_{p75} =$	-	$t_{p75} =$	-
		$t_{p25} =$	-	$t_{p25} =$	-	$t_{p25} =$	-
		% of effective depth	75%   25%	75%   25%	75%   25%	75%   25%	75%   25%
		Depth from GL	1.15m   1.65m	-0.75m   -0.25m	-0.75m   -0.25m	-0.75m   -0.25m	-0.75m   -0.25m
		Start head	0.75m   0.25m	0.00m   0.00m	0.00m   0.00m	0.00m   0.00m	0.00m   0.00m
		Time (mins)	-   -	-   -	-   -	-   -	-   -
		$V_{p75-25}$	0.57m <sup>3</sup>	0.00m <sup>3</sup>	0.00m <sup>3</sup>	0.00m <sup>3</sup>	0.00m <sup>3</sup>
		$a_{p50}$	3.64m <sup>2</sup>	1.14m <sup>2</sup>	1.14m <sup>2</sup>	1.14m <sup>2</sup>	1.14m <sup>2</sup>

Soil Infiltration rate	
	-
	-



Remarks: Test failed after 260mins at 0.90m depth.



# IN SITU TESTING - Soakaway Test

clarkebond

Project: **Ploughley Road, Ambrosden**  
 Project No: **B05927**

Test Location : **TP12**  
 Date : **12/10/22**

Pit Details:

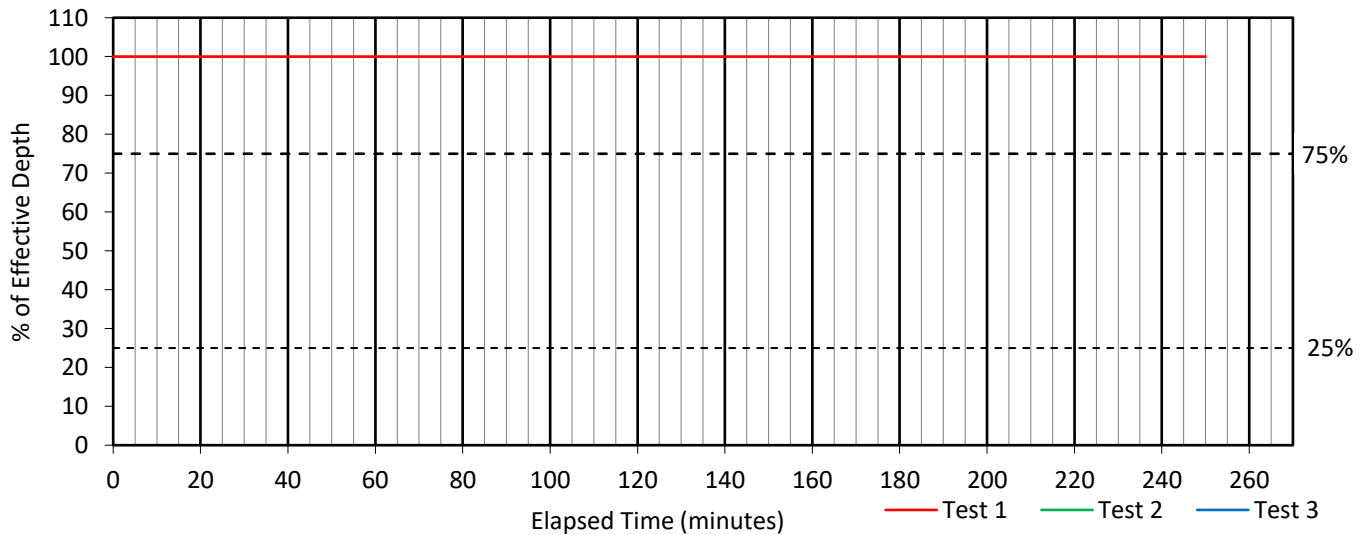
Pit Length 1.60m  
 Pit Width 0.60m

Strata:  
 GL Topsoil  
 0.30m Brown to grey slightly sandy CLAY.  
 1.40m Brown to orange clayey SAND.

Test 1		Test 2		Test 3	
Pit Depth	1.60m	Pit Depth		Pit Depth	
Start head	1.00m	Start head	0.00m	Start head	0.00m
Elapsed Time (minutes)	Depth to water (m)	Elapsed Time (minutes)	Depth to water (m)	Elapsed Time (minutes)	Depth to water (m)
0	0.60				
1	0.60				
12	0.60				
25	0.60				
50	0.60				
120	0.60				
250	0.60				
t <sub>p75</sub> = -		t <sub>p75</sub> = -		t <sub>p75</sub> = -	
t <sub>p25</sub> = -		t <sub>p25</sub> = -		t <sub>p25</sub> = -	

% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	0.85m	1.35m	-0.75m	-0.25m	-0.75m	-0.25m
Start head	0.75m	0.25m	0.00m	0.00m	0.00m	0.00m
Time (mins)	-	-	-	-	-	-
V <sub>p75-25</sub>	0.48m3		0.00m3		0.00m3	
a <sub>p50</sub>	3.16m2		0.96m2		0.96m2	

<b>Soil Infiltration rate</b>	-	-	-
	-	-	-



Remarks: Test failed after 247mins at 0.70m depth.



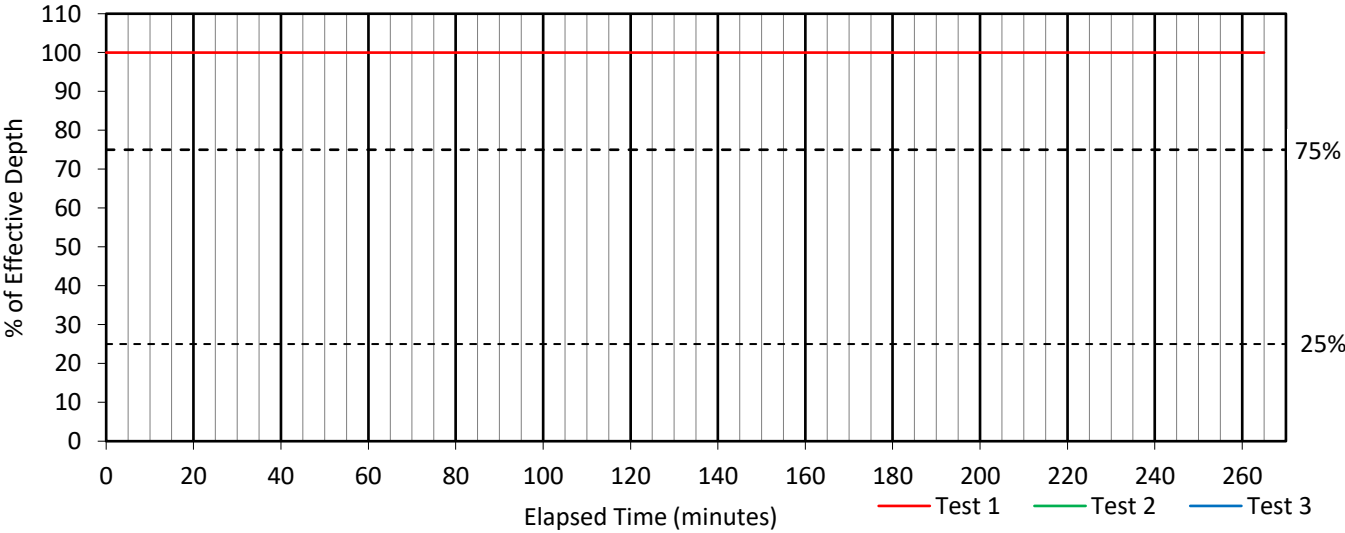
# IN SITU TESTING - Soakaway Test



Project: **Ploughley Road, Ambrosden**  
 Project No: **B05927**

Test Location : **TP21**  
 Date : **12/10/22**

Pit Details:		Test 1		Test 2		Test 3	
Pit Length	1.90m	Pit Depth 1.70m		Pit Depth		Pit Depth	
Pit Width	0.60m	Start head 1.00m		Start head 0.00m		Start head 0.00m	
		Elapsed Time (minutes)	Depth to water (m)	Elapsed Time (minutes)	Depth to water (m)	Elapsed Time (minutes)	Depth to water (m)
		0	0.70				
		1	0.70				
		5	0.70				
		10	0.70				
		35	0.70				
		87	0.70				
Strata:		160	0.70				
GL	Reworked Topsoil	210	0.70				
0.70m	Grey slightly sandy CLAY	265	0.70				
		t <sub>p75</sub> = -		t <sub>p75</sub> = -		t <sub>p75</sub> = -	
		t <sub>p25</sub> = -		t <sub>p25</sub> = -		t <sub>p25</sub> = -	
% of effective depth		75%	25%	75%	25%	75%	25%
Depth from GL		0.95m	1.45m	-0.75m	-0.25m	-0.75m	-0.25m
Start head		0.75m	0.25m	0.00m	0.00m	0.00m	0.00m
Time (mins)		-	-	-	-	-	-
V <sub>p75-25</sub>		0.57m3		0.00m3		0.00m3	
a <sub>p50</sub>		3.64m2		1.14m2		1.14m2	
<b>Soil Infiltration rate</b>		-		-		-	



Remarks: Test failed after 265mins at 0.70m depth.





# IN SITU TESTING - Soakaway Test



Project: **Ploughley Road, Ambrosden**  
 Project No: **B05927**

Test Location : **TP25**  
 Date : **12/10/22**

**Pit Details:**

Pit Length 2.10m  
 Pit Width 0.60m

**Strata:**

GL Reworked Topsoil  
 0.50m Light brown/orange silty sandy gravelly CLAY.

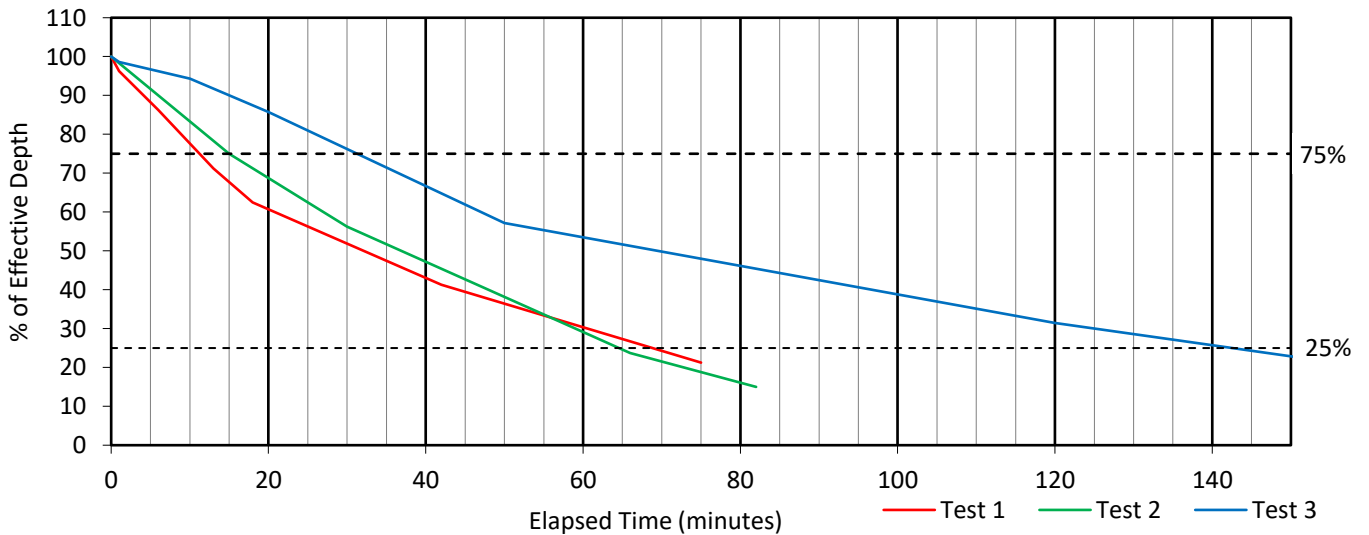
Test 1	
Pit Depth	1.50m
Start head	0.80m
Elapsed Time (minutes)	Depth to water (m)
0	0.70
1	0.73
6	0.81
13	0.93
18	1.00
42	1.17
75	1.33
<b>t<sub>p75</sub> = 10</b>	
<b>t<sub>p25</sub> = 70</b>	

Test 2	
Pit Depth	1.50m
Start head	0.80m
Elapsed Time (minutes)	Depth to water (m)
0	0.70
15	0.90
30	1.05
66	1.31
82	1.38
<b>t<sub>p75</sub> = 15</b>	
<b>t<sub>p25</sub> = 65</b>	

Test 3	
Pit Depth	1.60m
Start head	0.70m
Elapsed Time (minutes)	Depth to water (m)
0	0.90
1	0.91
10	0.94
20	1.00
50	1.20
120	1.38
185	1.51
<b>t<sub>p75</sub> = 30</b>	
<b>t<sub>p25</sub> = 142</b>	

% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	0.90m	1.30m	0.90m	1.30m	1.00m	1.40m
Start head	0.60m	0.20m	0.60m	0.20m	0.53m	0.18m
Time (mins)	10min	70min	15min	65min	30min	142min
V <sub>p75-25</sub>	0.50m <sup>3</sup>		0.50m <sup>3</sup>		0.44m <sup>3</sup>	
a <sub>p50</sub>	3.42m <sup>2</sup>		3.42m <sup>2</sup>		3.15m <sup>2</sup>	

<b>Soil Infiltration rate</b>	<b>4.09E-05m/s</b>	<b>4.91E-05m/s</b>	<b>2.19E-05m/s</b>
	<b>147mm/hr</b>	<b>177mm/hr</b>	<b>79mm/hr</b>



Remarks: None.

## **F Geotechnical Test Certificates**



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# Laboratory Report



## Contract Number: 62019

Client Ref: P1057

Client PO: P1057

Date Received: 19-10-2022

Date Completed: 01-11-2022

Report Date: 01-11-2022

Client: **Clarkebond**  
**129 Cumberland Road**  
**Bristol**  
**BS1 6UY**

This report has been checked and approved by:



**Shaun Thomas**  
Site Manager

Contract Title: **Ploughley Road**  
For the attention of: **Josh Young**

Test Description	Qty
<b>Samples Received</b> - @ Non Accredited Test	39
<b>Moisture Content</b> BS 1377:1990 - Part 2 : 3.2 - * UKAS	10
<b>4 Point Liquid &amp; Plastic Limit</b> BS 1377:1990 - Part 2 : 4.3 & 5.3 - * UKAS	10
<b>PSD Wet Sieve method</b> BS 1377:1990 - Part 2 : 9.2 - * UKAS	5
<b>BRE Reduced Suite</b> <b>includes pH, water &amp; acid soluble sulphate and total sulphur</b> Sub-contracted Test	11
<b>Disposal of samples for job</b>	1

**Notes: Observations and Interpretations are outside the UKAS Accreditation**

\* - denotes test included in laboratory scope of accreditation

# - denotes test carried out by approved contractor

@ - denotes non accredited tests

This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This test report/certificate shall not be reproduced except in full, without the approval of GEO Site & Testing Services Ltd. Any opinions or interpretations stated - within this report/certificate are excluded from the laboratories UKAS accreditation.

**Approved Signatories:**

Brendan Evans (Office Administrator) - Darren Bourne (Quality Senior Technician) - Paul Evans (Director)  
Richard John (Quality/Technical Manager) - Shaun Jones (Laboratory manager) - Shaun Thomas (Site Manager)  
Wayne Honey (Human Resources/ Health and Safety Coordinator)



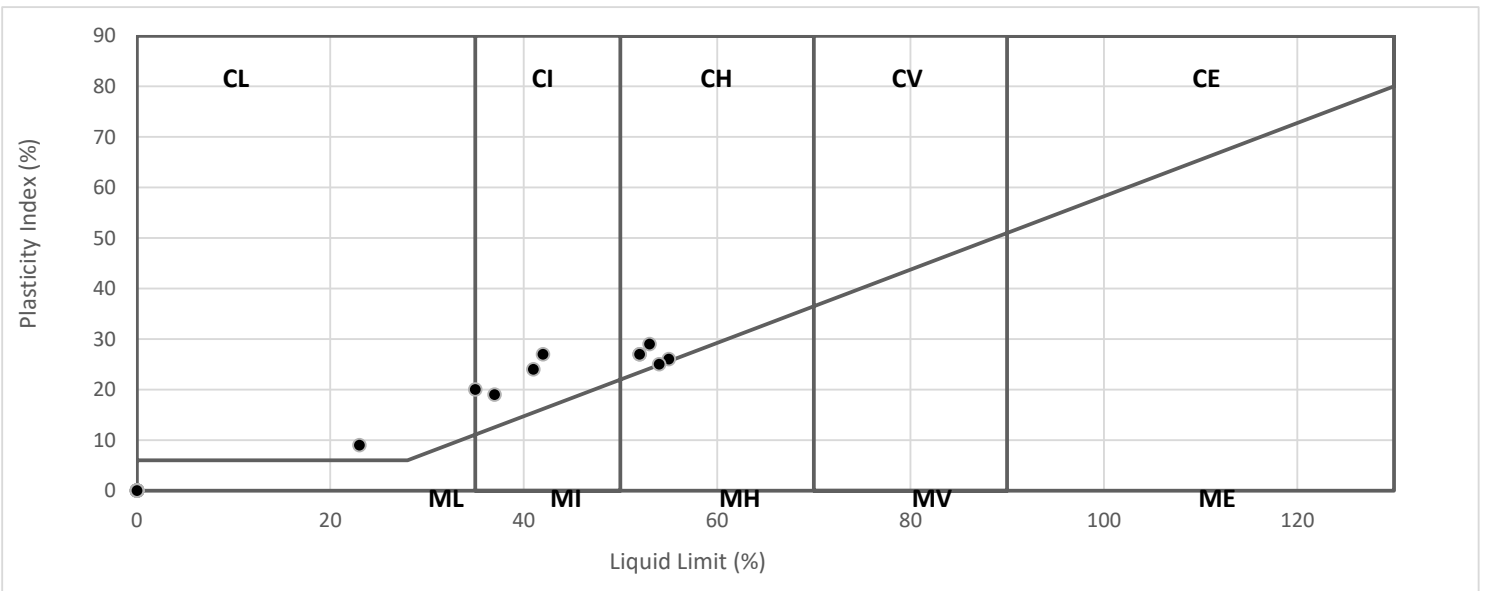
**NATURAL MOISTURE, LIQUID LIMIT, PLASTIC LIMIT AND PLASTICITY INDEX  
( BS 1377:1990 - Part 2 : 4.3 & 5.3 )**

Contract Number	62019
Project Name	Ploughley Road
Date Tested	31/10/2022

Sample/Hole Reference	Sample Number	Sample Type	Depth (m)			Moisture Content %	Liquid Limit %	Plastic Limit %	Plasticity index %	Passing 0.425mm %	Remarks
TP01		D	1.00	-		11	23	14	9	90	CL Low Plasticity
TP04		D	1.00	-		17	42	15	27	95	CI Intermediate Plasticity
TP10		D	1.50	-		29	52	25	27	98	CH High Plasticity
TP13		D	2.00	-		35	55	29	26	100	CH High Plasticity
TP16		D	0.50	-		15	37	18	19	100	CI Intermediate Plasticity
TP19		D	1.00	-		27	52	25	27	100	CH High Plasticity
TP22		D	2.00	-		33	54	29	25	100	CH High Plasticity
TP27		D	1.00	-		22	53	24	29	100	CH High Plasticity
TP30		D	0.80	-		18	35	15	20	100	CL/I Low/Inter. Plasticity
TP35		D	1.50	-		19	41	17	24	100	CI Intermediate Plasticity
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							
				-							

Symbols: NP : Non Plastic # : Liquid Limit and Plastic Limit Wet Sieved

**PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION  
BS 5930:1999+A2:2010**



Operator
Darcy Etheridge



**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 62019

Borehole/Pit No. TP06

Project Name Ploughley Road

Sample No.

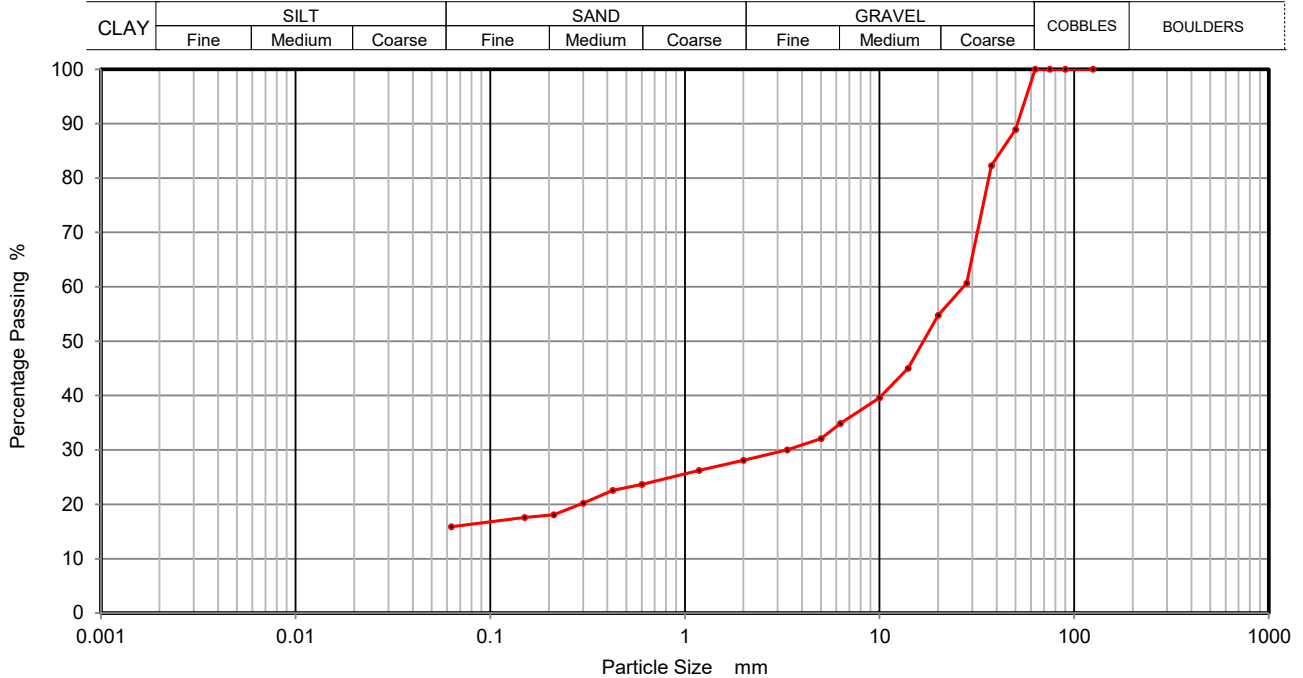
Soil Description \*See sample description sheet

Depth Top 1.00

Depth Base

Date Tested 31/10/2022

Sample Type B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	89		
37.5	82		
28	61		
20	55		
14	45		
10	40		
6.3	35		
5	32		
3.35	30		
2	28		
1.18	26		
0.6	24		
0.425	23		
0.3	20		
0.212	18		
0.15	18		
0.063	16		

Sample Proportions	% dry mass
Cobbles	0
Gravel	72
Sand	12
Silt and Clay	16

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator  
David Edwards



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**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 62019

Borehole/Pit No. TP08

Project Name Ploughley Road

Sample No.

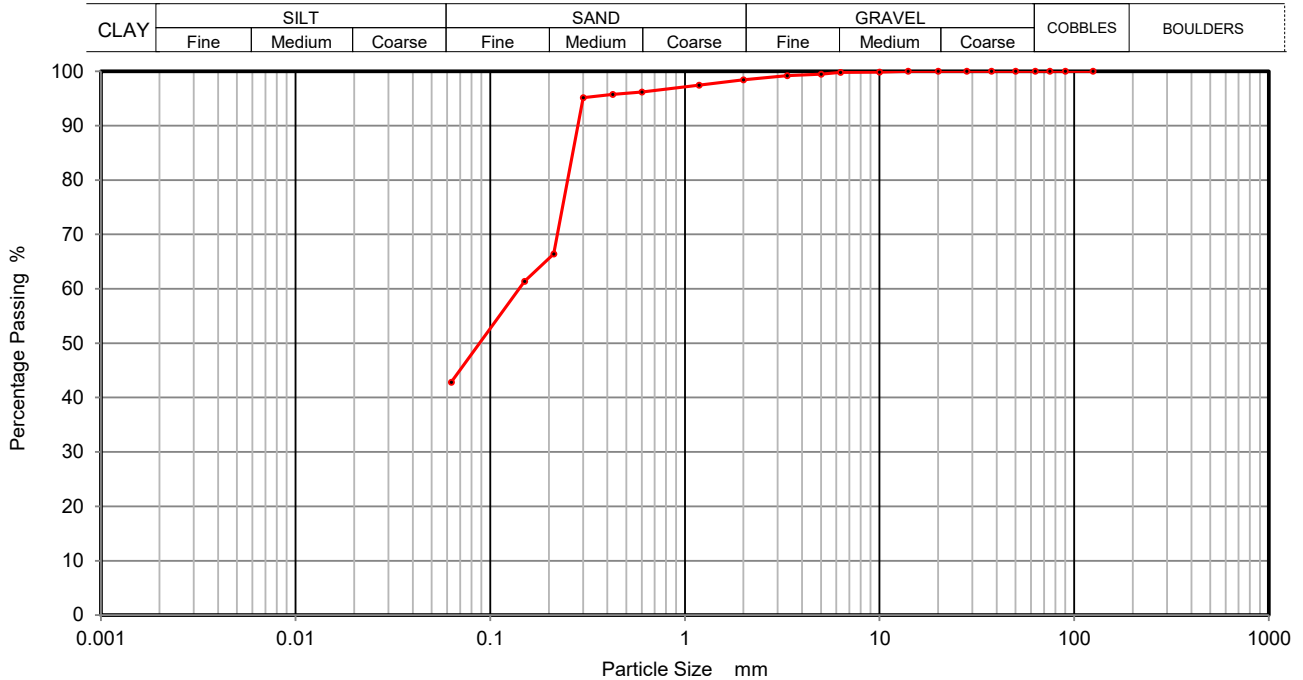
Soil Description \*See sample description sheet

Depth Top 1.50

Depth Base

Date Tested 31/10/2022

Sample Type B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	99		
3.35	99		
2	98		
1.18	97		
0.6	96		
0.425	96		
0.3	95		
0.212	66		
0.15	61		
0.063	43		

Sample Proportions	% dry mass
Cobbles	0
Gravel	2
Sand	55
Silt and Clay	43

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator  
David Edwards



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**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 62019

Borehole/Pit No. TP17

Project Name Ploughley Road

Sample No.

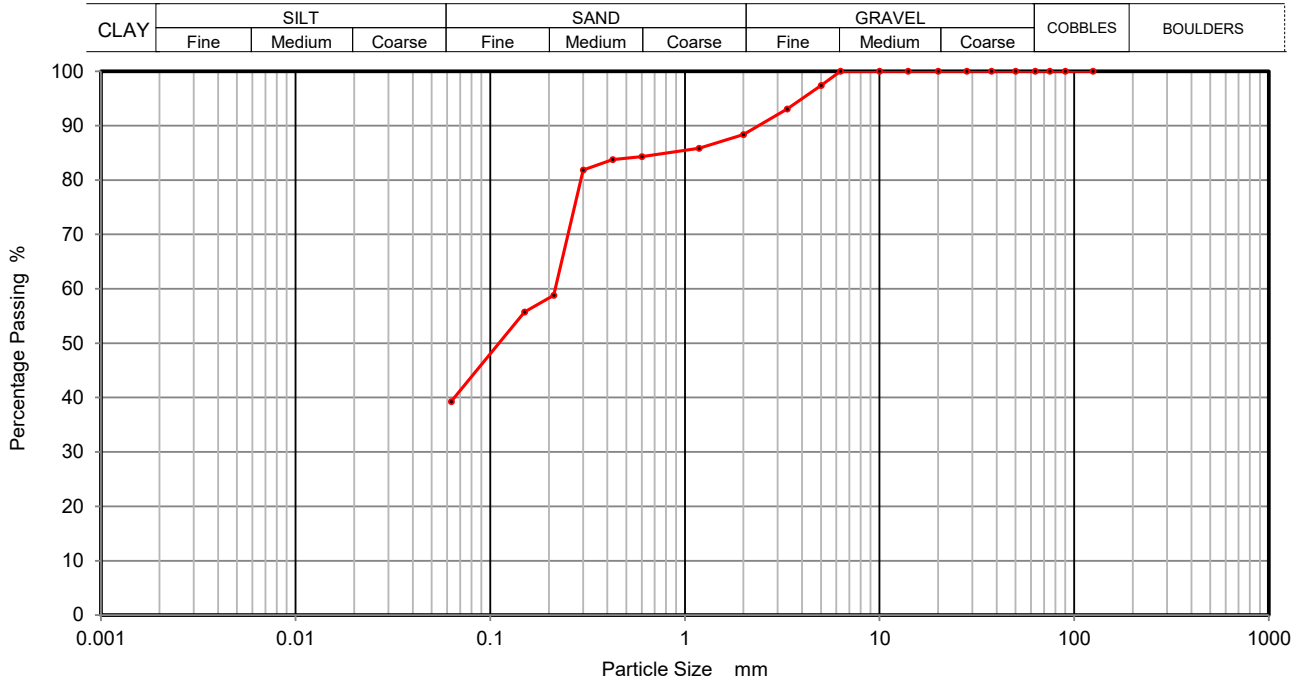
Soil Description \*See sample description sheet

Depth Top 2.00

Depth Base

Date Tested 31/10/2022

Sample Type B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	100		
14	100		
10	100		
6.3	100		
5	97		
3.35	93		
2	88		
1.18	86		
0.6	84		
0.425	84		
0.3	82		
0.212	59		
0.15	56		
0.063	39		

Sample Proportions	% dry mass
Cobbles	0
Gravel	12
Sand	49
Silt and Clay	39

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator  
David Edwards



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**PARTICLE SIZE DISTRIBUTION**  
**BS 1377 Part 2:1990**  
**Wet Sieve, Clause 9.2**

Contract Number 62019

Borehole/Pit No. TP26

Project Name Ploughley Road

Sample No.

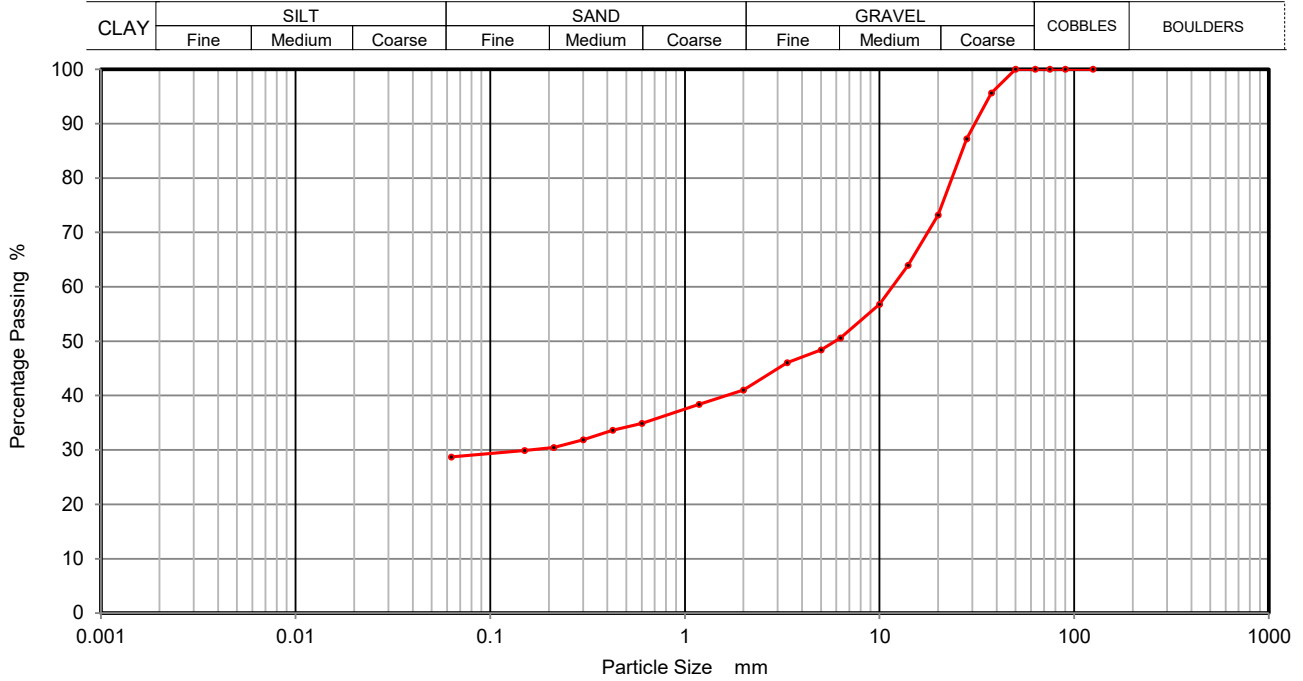
Soil Description \*See sample description sheet

Depth Top 1.00

Depth Base

Date Tested 31/10/2022

Sample Type B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	96		
28	87		
20	73		
14	64		
10	57		
6.3	51		
5	48		
3.35	46		
2	41		
1.18	38		
0.6	35		
0.425	34		
0.3	32		
0.212	30		
0.15	30		
0.063	29		

Sample Proportions	% dry mass
Cobbles	0
Gravel	59
Sand	12
Silt and Clay	29

Remarks  
 Preparation and testing in accordance with BS1377 unless noted below

Operator  
 David Edwards





**PARTICLE SIZE DISTRIBUTION  
BS 1377 Part 2:1990  
Wet Sieve, Clause 9.2**

Contract Number 62019

Borehole/Pit No. TP35

Project Name Ploughley Road

Sample No.

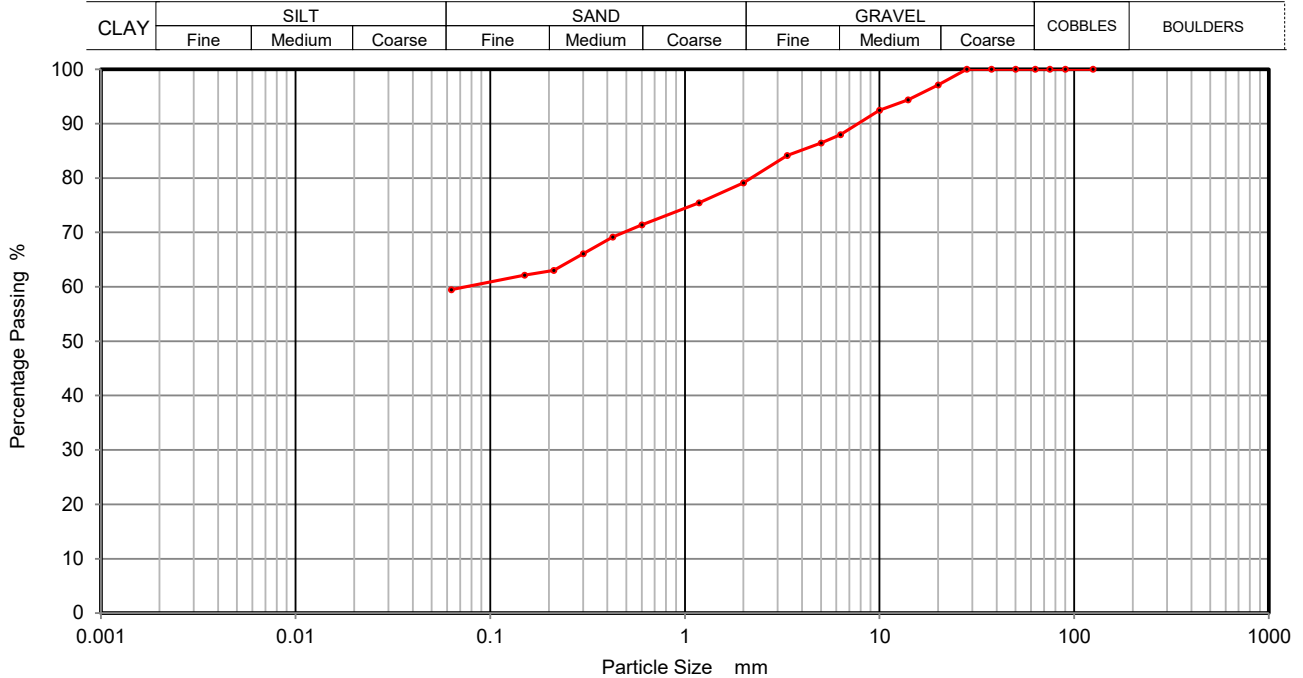
Soil Description \*See sample description sheet

Depth Top 1.00

Depth Base

Date Tested 31/10/2022

Sample Type B



Sieving		Sedimentation	
Particle Size mm	% Passing	Particle Size mm	% Passing
125	100		
90	100		
75	100		
63	100		
50	100		
37.5	100		
28	100		
20	97		
14	94		
10	92		
6.3	88		
5	86		
3.35	84		
2	79		
1.18	75		
0.6	71		
0.425	69		
0.3	66		
0.212	63		
0.15	62		
0.063	59		

Sample Proportions	% dry mass
Cobbles	0
Gravel	21
Sand	20
Silt and Clay	59

Remarks  
Preparation and testing in accordance with BS1377 unless noted below

Operator  
David Edwards



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## ANALYTICAL TEST REPORT

**Contract no:** 114950

**Contract name:** Plougley Road

**Client reference:** B05927

**Clients name:** Geo Site and Testing Services

**Clients address:** Unit 3 and 4 Heol Aur  
Dafen Industrial Estate, Dafen  
Llanelli, Carmarthenshire  
SA14 8QN

**Samples received:** 21 October 2022

**Analysis started:** 21 October 2022

**Analysis completed:** 28 October 2022

**Report issued:** 28 October 2022

**Key**

- U UKAS accredited test
- M MCERTS & UKAS accredited test
- \$ Test carried out by an approved subcontractor
- I/S Insufficient sample to carry out test
- N/S Sample not suitable for testing

**Approved by:**



Rachael Burton  
Reporting Manager

# Chemtech Environmental Limited

## SOILS

Lab number			114950-1	114950-2	114950-3	114950-4	114950-5	114950-6
Sample id			TP01	TP05	TP08	TP09	TP14	TP15
Depth (m)			1.00	1.00	1.00	1.50	2.00	1.00
Sample Type			BRE	BRE	BRE	BRE	BRE	BRE
Date sampled			-	-	-	-	-	-
Test	Method	Units						
pH	CE004 <sup>u</sup>	units	8.2	8.2	8.1	7.3	7.8	7.6
Sulphate (2:1 water soluble)	CE061 <sup>u</sup>	mg/l SO <sub>4</sub>	<10	55	17	1699	1599	1031
Sulphate (acid extractable)	CE062 <sup>u</sup>	mg/kg SO <sub>4</sub>	604	631	739	79456	5285	7147
Sulphate (acid extractable)	CE062 <sup>u</sup>	% w/w SO <sub>4</sub>	0.06	0.06	0.07	7.95	0.53	0.71
Sulphur (total)	CE119	mg/kg S	272	456	252	29275	2112	2406
Sulphur (total)	CE119	% w/w S	0.03	0.05	0.03	2.93	0.21	0.24

# Chemtech Environmental Limited

## SOILS

Lab number			114950-7	114950-8	114950-9	114950-10	114950-11
Sample id			TP18	TP20	TP22	TP27	TP33
Depth (m)			1.50	1.00	1.50	1.00	1.00
Sample Type			BRE	BRE	BRE	BRE	BRE
Date sampled			-	-	-	-	-
Test	Method	Units					
pH	CE004 <sup>u</sup>	units	7.8	8.3	7.9	8.2	8.4
Sulphate (2:1 water soluble)	CE061 <sup>u</sup>	mg/l SO <sub>4</sub>	374	129	<10	104	74
Sulphate (acid extractable)	CE062 <sup>u</sup>	mg/kg SO <sub>4</sub>	1782	897	2284	1076	778
Sulphate (acid extractable)	CE062 <sup>u</sup>	% w/w SO <sub>4</sub>	0.18	0.09	0.23	0.11	0.08
Sulphur (total)	CE119	mg/kg S	655	707	774	422	341
Sulphur (total)	CE119	% w/w S	0.07	0.07	0.08	0.04	0.03

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## METHOD DETAILS

METHOD	SOILS	METHOD SUMMARY	SAMPLE	STATUS	LOD	UNITS
CE004	pH	Based on BS 1377, pH Meter	As received	U	-	units
CE061	Sulphate (2:1 water soluble)	Aqueous extraction, ICP-OES	Dry	U	10	mg/l SO <sub>4</sub>
CE062	Sulphate (acid extractable)	HCl extract, analysed by ICP-OES	Dry	U	100	mg/kg SO <sub>4</sub>
CE062	Sulphate (acid extractable)	HCl extract, analysed by ICP-OES	Dry	U	0.01	% w/w SO <sub>4</sub>
CE119	Sulphur (total)	Aqua regia digest, analysed by ICP-OES	Dry		100	mg/kg S
CE119	Sulphur (total)	Aqua regia digest, analysed by ICP-OES	Dry		0.01	% w/w S

# Chemtech Environmental Limited

## DEVIATING SAMPLE INFORMATION

### Comments

Sample deviation is determined in accordance with the UKAS note "Guidance on Deviating Samples" and based on reference standards and laboratory trials.

For samples identified as deviating, test result(s) may be compromised and may not be representative of the sample at the time of sampling.

Chemtech Environmental Ltd cannot be held responsible for the integrity of sample(s) received if Chemtech Environmental Ltd did not undertake the sampling. Such samples may be deviating.

### Key

N	No (not deviating sample)
Y	Yes (deviating sample)
NSD	Sampling date not provided
NST	Sampling time not provided (waters only)
EHT	Sample exceeded holding time(s)
IC	Sample not received in appropriate containers
HP	Headspace present in sample container
NCF	Sample not chemically fixed (where appropriate)
OR	Other (specify)

Lab ref	Sample id	Depth (m)	Deviating	Tests (Reason for deviation)
114950-1	TP01	1.00	Y	All (NSD)
114950-2	TP05	1.00	Y	All (NSD)
114950-3	TP08	1.00	Y	All (NSD)
114950-4	TP09	1.50	Y	All (NSD)
114950-5	TP14	2.00	Y	All (NSD)
114950-6	TP15	1.00	Y	All (NSD)
114950-7	TP18	1.50	Y	All (NSD)
114950-8	TP20	1.00	Y	All (NSD)
114950-9	TP22	1.50	Y	All (NSD)
114950-10	TP27	1.00	Y	All (NSD)
114950-11	TP33	1.00	Y	All (NSD)



# Chemtech Environmental Limited

## ADDITIONAL INFORMATION

### Notes

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

Unless otherwise stated, Chemtech Environmental Ltd was not responsible for sampling.

All testing carried out at Unit 6 Parkhead, Stanley, DH9 7YB, except for subcontracted testing.

Methods, procedures and performance data are available on request.

Results reported herein relate only to the material supplied to the laboratory.

This report shall not be reproduced except in full, without prior written approval.

Samples will be disposed of 4 weeks from initial receipt unless otherwise instructed.

For soils and solids, all results are reported on a dry basis. Samples dried at no more than 30°C in a drying cabinet.

Analytical results are inclusive of stones, where applicable.

## **G Chemical Test Certificates**



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BS1 6UY

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Croxley Green  
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## **Analytical Report Number : 22-90425**

<b>Project / Site name:</b>	Ploughley road, Ambrosden	<b>Samples received on:</b>	11/10/2022
<b>Your job number:</b>	B05927	<b>Samples instructed on/ Analysis started on:</b>	17/10/2022
<b>Your order number:</b>	P10547	<b>Analysis completed by:</b>	25/10/2022
<b>Report Issue Number:</b>	1	<b>Report issued on:</b>	27/10/2022
<b>Samples Analysed:</b>	13 soil samples		

**Signed:** 

Joanna Wawrzeczko  
Reporting Specialist  
**For & on behalf of i2 Analytical Ltd.**

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

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

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

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

Excel copies of reports are only valid when accompanied by this PDF certificate.

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

Analytical Report Number: 22-90425  
 Project / Site name: Ploughley road, Ambrosden  
 Your Order No: P10547

Lab Sample Number	2462666	2462667	2462668	2462669	2462670			
Sample Reference	TP03	TP04	TP06	TP09	TP14			
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Depth (m)	0.10	0.40	0.30	0.50	0.60			
Date Sampled	Deviating	Deviating	Deviating	Deviating	Deviating			
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	21
Moisture Content	%	0.01	NONE	8.1	7.8	7.3	8.4	7.8
Total mass of sample received	kg	0.001	NONE	0.3	0.3	0.3	0.3	0.3

#### General Inorganics

pH - Automated	pH Units	N/A	MCERTS	6.7	6.8	7.4	7	8.2
Water Soluble SO <sub>4</sub> 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0056	0.0089	0.0063	0.012	0.004
Organic Matter (automated)	%	0.1	MCERTS	3	4.7	3.9	4.4	1.9

#### Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

#### Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80
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#### Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	20	22	31	12	20
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	35	34	30	31	26
Copper (aqua regia extractable)	mg/kg	1	MCERTS	16	15	15	14	12
Lead (aqua regia extractable)	mg/kg	1	MCERTS	90	21	16	19	13
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	25	25	28	22	26
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	69	75	63	79	63

#### Monoaromatics & Oxygenates

Benzene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2462666	2462667	2462668	2462669	2462670
Sample Reference	TP03	TP04	TP06	TP09	TP14
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.10	0.40	0.30	0.50	0.60
Date Sampled	Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		

**Petroleum Hydrocarbons**

TPH-CWG - Aliphatic >EC5 - EC6 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 HS_1D_AL	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 EH_CU_1D_AL	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 EH_CU_1D_AL	mg/kg	2	NONE	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 EH_CU_1D_AL	mg/kg	8	NONE	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 EH_CU_1D_AL	mg/kg	8	NONE	< 8.0	< 8.0	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC44 EH_CU_1D_AL	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPH-CWG - Aliphatic (EC5 - EC35) EH_CU+HS_1D_AL	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 HS_1D_AR	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 EH_CU_1D_AR	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 EH_CU_1D_AR	mg/kg	2	NONE	< 2.0	< 2.0	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 EH_CU_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 EH_CU_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC44 EH_CU_1D_AR	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4	< 8.4	< 8.4
TPH-CWG - Aromatic (EC5 - EC35) EH_CU+HS_1D_AR	mg/kg	10	NONE	< 10	< 10	< 10	< 10	< 10

**Pesticides**

Alachlor	µg/kg	10	NONE	< 10	-	-	-	-
Aldrin	µg/kg	10	NONE	< 10	-	-	-	-
Azinphos-ethyl	µg/kg	10	NONE	< 10	-	-	-	-
Azinphos-methyl	µg/kg	10	NONE	< 10	-	-	-	-
BHC-alpha (benzene hexachloride)	µg/kg	10	NONE	< 10	-	-	-	-
BHC-beta	µg/kg	10	NONE	< 10	-	-	-	-
BHC-delta	µg/kg	10	NONE	< 10	-	-	-	-
BHC-gamma (Lindane, gamma HCH)	µg/kg	10	NONE	< 10	-	-	-	-
Bifenthrin	µg/kg	10	NONE	< 10	-	-	-	-
Carbophenothion	µg/kg	10	NONE	< 10	-	-	-	-
Chlordane-cis	µg/kg	10	NONE	< 10	-	-	-	-
Chlordane-trans	µg/kg	10	NONE	< 10	-	-	-	-
Chlorfenvinphos	µg/kg	10	NONE	< 10	-	-	-	-
Chlorothalonil	µg/kg	20	NONE	< 20	-	-	-	-
Chlorpyrifos	µg/kg	10	NONE	< 10	-	-	-	-
Cyfluthrin (Sum)	µg/kg	10	NONE	< 10	-	-	-	-
Cyhalothrin (Lambda)	µg/kg	10	NONE	< 10	-	-	-	-
Cypermethrin (Sum)	µg/kg	10	NONE	< 10	-	-	-	-
DDD-o,p'	µg/kg	10	NONE	< 10	-	-	-	-
DDD-p,p'	µg/kg	10	NONE	< 10	-	-	-	-
DDE-o,p'	µg/kg	10	NONE	< 10	-	-	-	-
DDE-p,p'	µg/kg	10	NONE	< 10	-	-	-	-
DDT-o,p'	µg/kg	10	NONE	< 10	-	-	-	-
DDT-p,p'	µg/kg	10	NONE	< 10	-	-	-	-
Deltamethrin	µg/kg	10	NONE	< 10	-	-	-	-
Demeton-O	µg/kg	10	NONE	< 10	-	-	-	-
Demeton-S	µg/kg	10	NONE	< 10	-	-	-	-
Diazinon	µg/kg	10	NONE	< 10	-	-	-	-
Dichlorobenzonitrile, 2,6-	µg/kg	10	NONE	< 10	-	-	-	-
Dichlorvos	µg/kg	10	NONE	< 10	-	-	-	-
Dieldrin	µg/kg	10	NONE	< 10	-	-	-	-

Analytical Report Number: 22-90425  
 Project / Site name: Ploughley road, Ambrosden  
 Your Order No: P10547

Lab Sample Number				2462666	2462667	2462668	2462669	2462670
Sample Reference				TP03	TP04	TP06	TP09	TP14
Sample Number				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)				0.10	0.40	0.30	0.50	0.60
Date Sampled				Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status					
Dimethoate	µg/kg	10	NONE	< 10	-	-	-	-
Dimethyvinphos	µg/kg	10	NONE	< 10	-	-	-	-
Endosulfan I (alpha isomer)	µg/kg	10	NONE	< 10	-	-	-	-
Endosulfan II (beta isomer)	µg/kg	10	NONE	< 10	-	-	-	-
Endosulfan sulfate	µg/kg	10	NONE	< 10	-	-	-	-
Endrin	µg/kg	20	NONE	< 20	-	-	-	-
Endrin aldehyde	µg/kg	10	NONE	< 10	-	-	-	-
Endrin ketone	µg/kg	10	NONE	< 10	-	-	-	-
Ethion	µg/kg	10	NONE	< 10	-	-	-	-
Etrimfos	µg/kg	10	NONE	< 10	-	-	-	-
Fenitrothion	µg/kg	10	NONE	< 10	-	-	-	-
Fenthion	µg/kg	10	NONE	< 10	-	-	-	-
Fenvalerate (Sum)	µg/kg	10	NONE	< 10	-	-	-	-
Heptachlor	µg/kg	10	NONE	< 10	-	-	-	-
Heptachlor exo-epoxide	µg/kg	10	NONE	< 10	-	-	-	-
Hexachlorobenzene	µg/kg	10	NONE	< 10	-	-	-	-
Hexachlorobutadiene	µg/kg	10	NONE	< 10	-	-	-	-
Isodrin	µg/kg	20	NONE	< 20	-	-	-	-
Malathion	µg/kg	10	NONE	< 10	-	-	-	-
Methacrifos	µg/kg	10	NONE	< 10	-	-	-	-
Methoxychlor, p,p'	µg/kg	20	NONE	< 20	-	-	-	-
Mevinphos, E+Z	µg/kg	10	NONE	< 10	-	-	-	-
Omethoate	µg/kg	20	NONE	< 20	-	-	-	-
Parathion	µg/kg	10	NONE	< 10	-	-	-	-
Parathion-methyl	µg/kg	10	NONE	< 10	-	-	-	-
Pendimethalin	µg/kg	10	NONE	< 10	-	-	-	-
Pentachlorobenzene	µg/kg	10	NONE	< 10	-	-	-	-
Permethrin, Cis-	µg/kg	10	NONE	< 10	-	-	-	-
Permethrin, Trans-	µg/kg	10	NONE	< 10	-	-	-	-
Phorate	µg/kg	10	NONE	< 10	-	-	-	-
Phosalone	µg/kg	10	NONE	< 10	-	-	-	-
Phosphamidon (Sum)	µg/kg	10	NONE	< 10	-	-	-	-
Pirimiphos-ethyl	µg/kg	10	NONE	< 10	-	-	-	-
Pirimiphos-methyl	µg/kg	10	NONE	< 10	-	-	-	-
Propetamphos	µg/kg	10	NONE	< 10	-	-	-	-
Propyzamide	µg/kg	10	NONE	< 10	-	-	-	-
Tecnazene	µg/kg	10	NONE	< 10	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	10	NONE	< 10	-	-	-	-
Trichlorobenzene, 1,2,3-	µg/kg	10	NONE	< 10	-	-	-	-
Trichlorobenzene, 1,3,5-	µg/kg	10	NONE	< 10	-	-	-	-
Trifluralin	µg/kg	10	NONE	< 10	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-90425  
 Project / Site name: Ploughley road, Ambrosden  
 Your Order No: P10547

Lab Sample Number	2462671				2462672				2462673				2462674				2462675			
Sample Reference	TP15				TP18				TP20				TP21				TP26			
Sample Number	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Depth (m)	0.50				0.20				0.20				0.50				0.40			
Date Sampled	Deviating				Deviating				Deviating				Deviating				Deviating			
Time Taken	None Supplied				None Supplied				None Supplied				None Supplied				None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status																	
Stone Content	%	0.1	NONE	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1			
Moisture Content	%	0.01	NONE	9.6	11	9.2	6.6	6.8												
Total mass of sample received	kg	0.001	NONE	0.3	0.3	0.3	0.3	0.3												

#### General Inorganics

Parameter	Units	Limit of detection	Accreditation Status	2462671	2462672	2462673	2462674	2462675
pH - Automated	pH Units	N/A	MCERTS	8.1	8.2	7.1	8.3	8.1
Water Soluble SO <sub>4</sub> 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0067	0.016	0.0051	0.0082	0.0052
Organic Matter (automated)	%	0.1	MCERTS	3.3	6.4	4.2	2.4	4.2

#### Speciated PAHs

Parameter	Units	Limit of detection	Accreditation Status	2462671	2462672	2462673	2462674	2462675
Naphthalene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05

#### Total PAH

Parameter	Units	Limit of detection	Accreditation Status	2462671	2462672	2462673	2462674	2462675
Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	< 0.80	< 0.80	< 0.80	< 0.80	< 0.80

#### Heavy Metals / Metalloids

Parameter	Units	Limit of detection	Accreditation Status	2462671	2462672	2462673	2462674	2462675
Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	14	16	18	17	16
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	0.5	< 0.2	< 0.2	0.7	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	1.8	< 1.8	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	33	34	36	38	28
Copper (aqua regia extractable)	mg/kg	1	MCERTS	17	18	18	18	19
Lead (aqua regia extractable)	mg/kg	1	MCERTS	27	22	25	20	21
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	26	27	29	33	21
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	78	79	83	87	78

#### Monoaromatics & Oxygenates

Parameter	Units	Limit of detection	Accreditation Status	2462671	2462672	2462673	2462674	2462675
Benzene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0

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Lab Sample Number	2462671	2462672	2462673	2462674	2462675
Sample Reference	TP15	TP18	TP20	TP21	TP26
Sample Number	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Depth (m)	0.50	0.20	0.20	0.50	0.40
Date Sampled	Deviating	Deviating	Deviating	Deviating	Deviating
Time Taken	None Supplied	None Supplied	None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status		
<b>Petroleum Hydrocarbons</b>					
TPH-CWG - Aliphatic >EC5 - EC6 <sub>HS_ID_AL</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 <sub>HS_ID_AL</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 <sub>HS_ID_AL</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 <sub>EH_CU_ID_AL</sub>	mg/kg	1	NONE	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 <sub>EH_CU_ID_AL</sub>	mg/kg	2	NONE	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 <sub>EH_CU_ID_AL</sub>	mg/kg	8	NONE	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 <sub>EH_CU_ID_AL</sub>	mg/kg	8	NONE	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC35 - EC44 <sub>EH_CU_ID_AL</sub>	mg/kg	8.4	NONE	< 8.4	< 8.4
TPH-CWG - Aliphatic (EC5 - EC35) <sub>EH_CU+HS_ID_AL</sub>	mg/kg	10	NONE	< 10	< 10

TPH-CWG - Aromatic >EC5 - EC7 <sub>HS_ID_AR</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 <sub>HS_ID_AR</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 <sub>HS_ID_AR</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 <sub>EH_CU_ID_AR</sub>	mg/kg	1	NONE	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 <sub>EH_CU_ID_AR</sub>	mg/kg	2	NONE	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 <sub>EH_CU_ID_AR</sub>	mg/kg	10	NONE	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 <sub>EH_CU_ID_AR</sub>	mg/kg	10	NONE	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC44 <sub>EH_CU_ID_AR</sub>	mg/kg	8.4	NONE	< 8.4	< 8.4
TPH-CWG - Aromatic (EC5 - EC35) <sub>EH_CU+HS_ID_AR</sub>	mg/kg	10	NONE	< 10	< 10

**Pesticides**

Alachlor	µg/kg	10	NONE	< 10	-	< 10	-	-
Aldrin	µg/kg	10	NONE	< 10	-	< 10	-	-
Azinphos-ethyl	µg/kg	10	NONE	< 10	-	< 10	-	-
Azinphos-methyl	µg/kg	10	NONE	< 10	-	< 10	-	-
BHC-alpha (benzene hexachloride)	µg/kg	10	NONE	< 10	-	< 10	-	-
BHC-beta	µg/kg	10	NONE	< 10	-	< 10	-	-
BHC-delta	µg/kg	10	NONE	< 10	-	< 10	-	-
BHC-gamma (Lindane, gamma HCH)	µg/kg	10	NONE	< 10	-	< 10	-	-
Bifenthrin	µg/kg	10	NONE	< 10	-	< 10	-	-
Carbophenothion	µg/kg	10	NONE	< 10	-	< 10	-	-
Chlordane-cis	µg/kg	10	NONE	< 10	-	< 10	-	-
Chlordane-trans	µg/kg	10	NONE	< 10	-	< 10	-	-
Chlorfenvinphos	µg/kg	10	NONE	< 10	-	< 10	-	-
Chlorothalonil	µg/kg	20	NONE	< 20	-	< 20	-	-
Chlorpyrifos	µg/kg	10	NONE	< 10	-	< 10	-	-
Cyfluthrin (Sum)	µg/kg	10	NONE	< 10	-	< 10	-	-
Cyhalothrin (Lambda)	µg/kg	10	NONE	< 10	-	< 10	-	-
Cypermethrin (Sum)	µg/kg	10	NONE	< 10	-	< 10	-	-
DDD-o,p'	µg/kg	10	NONE	< 10	-	< 10	-	-
DDD-p,p'	µg/kg	10	NONE	< 10	-	< 10	-	-
DDE-o,p'	µg/kg	10	NONE	< 10	-	< 10	-	-
DDE-p,p'	µg/kg	10	NONE	< 10	-	< 10	-	-
DDT-o,p'	µg/kg	10	NONE	< 10	-	< 10	-	-
DDT-p,p'	µg/kg	10	NONE	< 10	-	< 10	-	-
Deltamethrin	µg/kg	10	NONE	< 10	-	< 10	-	-
Demeton-O	µg/kg	10	NONE	< 10	-	< 10	-	-
Demeton-S	µg/kg	10	NONE	< 10	-	< 10	-	-
Diazinon	µg/kg	10	NONE	< 10	-	< 10	-	-
Dichlorobenzonitrile, 2,6-	µg/kg	10	NONE	< 10	-	< 10	-	-
Dichlorvos	µg/kg	10	NONE	< 10	-	< 10	-	-
Dieldrin	µg/kg	10	NONE	< 10	-	< 10	-	-



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Lab Sample Number	2462671			2462672		2462673		2462674		2462675	
Sample Reference	TP15			TP18		TP20		TP21		TP26	
Sample Number	None Supplied			None Supplied		None Supplied		None Supplied		None Supplied	
Depth (m)	0.50			0.20		0.20		0.50		0.40	
Date Sampled	Deviating			Deviating		Deviating		Deviating		Deviating	
Time Taken	None Supplied			None Supplied		None Supplied		None Supplied		None Supplied	
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status								
Dimethoate	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Dimethyvinphos	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Endosulfan I (alpha isomer)	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Endosulfan II (beta isomer)	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Endosulfan sulfate	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Endrin	µg/kg	20	NONE	< 20	-	< 20	-	-	-	-	-
Endrin aldehyde	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Endrin ketone	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Ethion	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Etrimfos	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Fenitrothion	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Fenthion	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Fenvalerate (Sum)	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Heptachlor	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Heptachlor exo-epoxide	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Hexachlorobenzene	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Hexachlorobutadiene	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Isodrin	µg/kg	20	NONE	< 20	-	< 20	-	-	-	-	-
Malathion	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Methacrifos	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Methoxychlor, p,p'-	µg/kg	20	NONE	< 20	-	< 20	-	-	-	-	-
Mevinphos, E+Z	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Omethoate	µg/kg	20	NONE	< 20	-	< 20	-	-	-	-	-
Parathion	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Parathion-methyl	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Pendimethalin	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Pentachlorobenzene	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Permethrin, Cis-	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Permethrin, Trans-	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Phorate	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Phosalone	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Phosphamidon (Sum)	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Pirimiphos-ethyl	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Pirimiphos-methyl	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Propetamphos	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Propyzamide	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Tecnazene	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Trichlorobenzene, 1,2,3-	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Trichlorobenzene, 1,3,5-	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-
Trifluralin	µg/kg	10	NONE	< 10	-	< 10	-	-	-	-	-

U/S = Unsuitable Sample I/S = Insufficient Sample

Analytical Report Number: 22-90425  
 Project / Site name: Ploughley road, Ambrosden  
 Your Order No: P10547

Lab Sample Number				2462676	2462677	2462678
Sample Reference				TP28	TP30	TP35
Sample Number				None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.20	0.10
Date Sampled				Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Stone Content	%	0.1	NONE	33	< 0.1	< 0.1
Moisture Content	%	0.01	NONE	10	8.5	6.9
Total mass of sample received	kg	0.001	NONE	0.3	0.3	0.3

#### General Inorganics

pH - Automated	pH Units	N/A	MCERTS	8.1	8	8.1
Water Soluble SO <sub>4</sub> 16hr extraction (2:1 Leachate Equivalent)	g/l	0.00125	MCERTS	0.0063	0.011	0.023
Organic Matter (automated)	%	0.1	MCERTS	2.4	3.1	4.3

#### Speciated PAHs

Naphthalene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Acenaphthylene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Acenaphthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Fluorene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Phenanthrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Benzo(a)anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Chrysene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Benzo(b)fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Benzo(k)fluoranthene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Benzo(a)pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Indeno(1,2,3-cd)pyrene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Dibenz(a,h)anthracene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05
Benzo(ghi)perylene	mg/kg	0.05	NONE	< 0.05	< 0.05	< 0.05

#### Total PAH

Speciated Total EPA-16 PAHs	mg/kg	0.8	NONE	< 0.80	< 0.80	< 0.80
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#### Heavy Metals / Metalloids

Arsenic (aqua regia extractable)	mg/kg	1	MCERTS	18	30	9.5
Cadmium (aqua regia extractable)	mg/kg	0.2	MCERTS	< 0.2	< 0.2	< 0.2
Chromium (hexavalent)	mg/kg	1.8	MCERTS	< 1.8	< 1.8	< 1.8
Chromium (aqua regia extractable)	mg/kg	1	MCERTS	25	40	22
Copper (aqua regia extractable)	mg/kg	1	MCERTS	13	24	8.9
Lead (aqua regia extractable)	mg/kg	1	MCERTS	20	31	11
Mercury (aqua regia extractable)	mg/kg	0.3	MCERTS	< 0.3	< 0.3	< 0.3
Nickel (aqua regia extractable)	mg/kg	1	MCERTS	20	38	14
Selenium (aqua regia extractable)	mg/kg	1	MCERTS	< 1.0	< 1.0	< 1.0
Zinc (aqua regia extractable)	mg/kg	1	MCERTS	55	100	30

#### Monoaromatics & Oxygenates

Benzene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0
Toluene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0
Ethylbenzene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0
p & m-xylene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0
o-xylene	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0
MTBE (Methyl Tertiary Butyl Ether)	µg/kg	1	NONE	< 1.0	< 1.0	< 1.0

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 Project / Site name: Ploughley road, Ambrosden  
 Your Order No: P10547

Lab Sample Number	2462676	2462677	2462678			
Sample Reference	TP28	TP30	TP35			
Sample Number	None Supplied	None Supplied	None Supplied			
Depth (m)	0.30	0.20	0.10			
Date Sampled	Deviating	Deviating	Deviating			
Time Taken	None Supplied	None Supplied	None Supplied			
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
<b>Petroleum Hydrocarbons</b>						
TPH-CWG - Aliphatic >EC5 - EC6 <sub>HS_1D_AL</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 <sub>HS_1D_AL</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 <sub>HS_1D_AL</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 <sub>EH_CU_1D_AL</sub>	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0
TPH-CWG - Aliphatic >EC12 - EC16 <sub>EH_CU_1D_AL</sub>	mg/kg	2	NONE	< 2.0	< 2.0	< 2.0
TPH-CWG - Aliphatic >EC16 - EC21 <sub>EH_CU_1D_AL</sub>	mg/kg	8	NONE	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 <sub>EH_CU_1D_AL</sub>	mg/kg	8	NONE	< 8.0	< 8.0	36
TPH-CWG - Aliphatic >EC35 - EC44 <sub>EH_CU_1D_AL</sub>	mg/kg	8.4	NONE	< 8.4	< 8.4	26
TPH-CWG - Aliphatic (EC5 - EC35) <sub>EH_CU+HS_1D_AL</sub>	mg/kg	10	NONE	< 10	< 10	36

TPH-CWG - Aromatic >EC5 - EC7 <sub>HS_1D_AR</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 <sub>HS_1D_AR</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 <sub>HS_1D_AR</sub>	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 <sub>EH_CU_1D_AR</sub>	mg/kg	1	NONE	< 1.0	< 1.0	< 1.0
TPH-CWG - Aromatic >EC12 - EC16 <sub>EH_CU_1D_AR</sub>	mg/kg	2	NONE	< 2.0	< 2.0	< 2.0
TPH-CWG - Aromatic >EC16 - EC21 <sub>EH_CU_1D_AR</sub>	mg/kg	10	NONE	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 <sub>EH_CU_1D_AR</sub>	mg/kg	10	NONE	< 10	< 10	< 10
TPH-CWG - Aromatic >EC35 - EC44 <sub>EH_CU_1D_AR</sub>	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4
TPH-CWG - Aromatic (EC5 - EC35) <sub>EH_CU+HS_1D_AR</sub>	mg/kg	10	NONE	< 10	< 10	< 10

**Pesticides**

Alachlor	µg/kg	10	NONE	-	< 10	-
Aldrin	µg/kg	10	NONE	-	< 10	-
Azinphos-ethyl	µg/kg	10	NONE	-	< 10	-
Azinphos-methyl	µg/kg	10	NONE	-	< 10	-
BHC-alpha (benzene hexachloride)	µg/kg	10	NONE	-	< 10	-
BHC-beta	µg/kg	10	NONE	-	< 10	-
BHC-delta	µg/kg	10	NONE	-	< 10	-
BHC-gamma (Lindane, gamma HCH)	µg/kg	10	NONE	-	< 10	-
Bifenthrin	µg/kg	10	NONE	-	< 10	-
Carbophenothion	µg/kg	10	NONE	-	< 10	-
Chlordane-cis	µg/kg	10	NONE	-	< 10	-
Chlordane-trans	µg/kg	10	NONE	-	< 10	-
Chlorfenvinphos	µg/kg	10	NONE	-	< 10	-
Chlorothalonil	µg/kg	20	NONE	-	< 20	-
Chlorpyrifos	µg/kg	10	NONE	-	< 10	-
Cyfluthrin (Sum)	µg/kg	10	NONE	-	< 10	-
Cyhalothrin (Lambda)	µg/kg	10	NONE	-	< 10	-
Cypermethrin (Sum)	µg/kg	10	NONE	-	< 10	-
DDD-o,p'	µg/kg	10	NONE	-	< 10	-
DDD-p,p'	µg/kg	10	NONE	-	< 10	-
DDE-o,p'	µg/kg	10	NONE	-	< 10	-
DDE-p,p'	µg/kg	10	NONE	-	< 10	-
DDT-o,p'	µg/kg	10	NONE	-	< 10	-
DDT-p,p'	µg/kg	10	NONE	-	< 10	-
Deltamethrin	µg/kg	10	NONE	-	< 10	-
Demeton-O	µg/kg	10	NONE	-	< 10	-
Demeton-S	µg/kg	10	NONE	-	< 10	-
Diazinon	µg/kg	10	NONE	-	< 10	-
Dichlorobenzonitrile, 2,6-	µg/kg	10	NONE	-	< 10	-
Dichlorvos	µg/kg	10	NONE	-	< 10	-
Dieldrin	µg/kg	10	NONE	-	< 10	-

Analytical Report Number: 22-90425  
 Project / Site name: Ploughley road, Ambrosden  
 Your Order No: P10547

Lab Sample Number				2462676	2462677	2462678
Sample Reference				TP28	TP30	TP35
Sample Number				None Supplied	None Supplied	None Supplied
Depth (m)				0.30	0.20	0.10
Date Sampled				Deviating	Deviating	Deviating
Time Taken				None Supplied	None Supplied	None Supplied
Analytical Parameter (Soil Analysis)	Units	Limit of detection	Accreditation Status			
Dimethoate	µg/kg	10	NONE	-	< 10	-
Dimethylvinphos	µg/kg	10	NONE	-	< 10	-
Endosulfan I (alpha isomer)	µg/kg	10	NONE	-	< 10	-
Endosulfan II (beta isomer)	µg/kg	10	NONE	-	< 10	-
Endosulfan sulfate	µg/kg	10	NONE	-	< 10	-
Endrin	µg/kg	20	NONE	-	< 20	-
Endrin aldehyde	µg/kg	10	NONE	-	< 10	-
Endrin ketone	µg/kg	10	NONE	-	< 10	-
Ethion	µg/kg	10	NONE	-	< 10	-
Etrimfos	µg/kg	10	NONE	-	< 10	-
Fenitrothion	µg/kg	10	NONE	-	< 10	-
Fenthion	µg/kg	10	NONE	-	< 10	-
Fenvalerate (Sum)	µg/kg	10	NONE	-	< 10	-
Heptachlor	µg/kg	10	NONE	-	< 10	-
Heptachlor exo-epoxide	µg/kg	10	NONE	-	< 10	-
Hexachlorobenzene	µg/kg	10	NONE	-	< 10	-
Hexachlorobutadiene	µg/kg	10	NONE	-	< 10	-
Isodrin	µg/kg	20	NONE	-	< 20	-
Malathion	µg/kg	10	NONE	-	< 10	-
Methacrifos	µg/kg	10	NONE	-	< 10	-
Methoxychlor, p,p'-	µg/kg	20	NONE	-	< 20	-
Mevinphos, E+Z	µg/kg	10	NONE	-	< 10	-
Omethoate	µg/kg	20	NONE	-	< 20	-
Parathion	µg/kg	10	NONE	-	< 10	-
Parathion-methyl	µg/kg	10	NONE	-	< 10	-
Pendimethalin	µg/kg	10	NONE	-	< 10	-
Pentachlorobenzene	µg/kg	10	NONE	-	< 10	-
Permethrin, Cis-	µg/kg	10	NONE	-	< 10	-
Permethrin, Trans-	µg/kg	10	NONE	-	< 10	-
Phorate	µg/kg	10	NONE	-	< 10	-
Phosalone	µg/kg	10	NONE	-	< 10	-
Phosphamidon (Sum)	µg/kg	10	NONE	-	< 10	-
Pirimiphos-ethyl	µg/kg	10	NONE	-	< 10	-
Pirimiphos-methyl	µg/kg	10	NONE	-	< 10	-
Propetamphos	µg/kg	10	NONE	-	< 10	-
Propyzamide	µg/kg	10	NONE	-	< 10	-
Tecnazene	µg/kg	10	NONE	-	< 10	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	10	NONE	-	< 10	-
Trichlorobenzene, 1,2,3-	µg/kg	10	NONE	-	< 10	-
Trichlorobenzene, 1,3,5-	µg/kg	10	NONE	-	< 10	-
Trifluralin	µg/kg	10	NONE	-	< 10	-

U/S = Unsuitable Sample I/S = Insufficient Sample

**Analytical Report Number : 22-90425**

**Project / Site name: Ploughley road, Ambrosden**

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

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

Lab Sample Number	Sample Reference	Sample Number	Depth (m)	Sample Description *
2462666	TP03	None Supplied	0.1	Brown clay.
2462667	TP04	None Supplied	0.4	Brown clay and loam with vegetation and gravel
2462668	TP06	None Supplied	0.3	Brown clay and loam with vegetation and gravel
2462669	TP09	None Supplied	0.5	Brown clay and loam with vegetation and gravel
2462670	TP14	None Supplied	0.6	Brown clay and gravel with vegetation and stones.
2462671	TP15	None Supplied	0.5	Brown clay with vegetation and gravel
2462672	TP18	None Supplied	0.2	Brown loam and clay with vegetation and gravel
2462673	TP20	None Supplied	0.2	Brown loam and clay with vegetation and gravel
2462674	TP21	None Supplied	0.5	Brown clay and loam with vegetation and gravel
2462675	TP26	None Supplied	0.4	Brown loam and clay with vegetation and gravel
2462676	TP28	None Supplied	0.3	Brown clay and gravel with vegetation and stones.
2462677	TP30	None Supplied	0.2	Brown loam and clay with vegetation and gravel
2462678	TP35	None Supplied	0.1	Brown loam and clay with vegetation and gravel

Analytical Report Number : 22-90425  
 Project / Site name: Ploughley road, Ambrosden

**Water matrix abbreviations:**

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

Analytical Test Name	Analytical Method Description	Analytical Method Reference	Method number	Wet / Dry Analysis	Accreditation Status
Sulphate, water soluble, in soil (16hr extraction)	Determination of water soluble sulphate by ICP-OES. Results reported directly (leachate equivalent) and corrected for extraction ratio (soil equivalent).	In house method.	L038-PL	D	MCERTS
Metals in soil by ICP-OES	Determination of metals in soil by aqua-regia digestion followed by ICP-OES.	In-house method based on MEWAM 2006 Methods for the Determination of Metals in Soil.	L038-PL	D	MCERTS
Moisture Content	Moisture content, determined gravimetrically. (30 oC)	In house method.	L019-UK/PL	W	NONE
Speciated EPA-16 PAHs in soil	Determination of PAH compounds in soil by extraction in dichloromethane and hexane followed by GC-MS with the use of surrogate and internal standards.	In-house method based on USEPA 8270	L064-PL	D	NONE
pH in soil (automated)	Determination of pH in soil by addition of water followed by automated electrometric measurement.	In house method.	L099-PL	D	MCERTS
Stones content of soil	Standard preparation for all samples unless otherwise detailed. Gravimetric determination of stone > 10 mm as % dry weight.	In-house method based on British Standard Methods and MCERTS requirements.	L019-UK/PL	D	NONE
BTEX and MTBE in soil (Monoaromatics)	Determination of BTEX in soil by headspace GC-MS.	In-house method based on USEPA8260	L073B-PL	W	NONE
TPHCWG (Soil)	Determination of hexane extractable hydrocarbons in soil by GC-MS/GC-FID.	In-house method with silica gel split/clean up.	L088/76-PL	W	NONE
TPH in (Soil)	Determination of TPH bands by HS-GC-MS/GC-FID	In-house method, TPH with carbon banding and silica gel split/cleanup.	L076-PL	D	NONE
Pesticides by GC-MS/MS	Determination of Pesticides in soil by GC MS/MS	In-house method	L055B-PL	W	NONE
Organic matter (Automated) in soil	Determination of organic matter in soil by oxidising with potassium dichromate followed by titration with iron (II) sulphate.	In house method.	L009-PL	D	MCERTS
Hexavalent chromium in soil	Determination of hexavalent chromium in soil by extraction in NaOH and addition of 1,5 diphenylcarbazide followed by colorimetry.	In-house method	L080-PL	W	MCERTS

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

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

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

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

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

### Information in Support of Analytical Results

#### List of HWOL Acronyms and Operators

Acronym	Descriptions
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Analytical Report Number : 22-90425

Project / Site name: Ploughley road, Ambrosden

**Water matrix abbreviations:**

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

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

## Sample Deviation Report



**Analytical Report Number : 22-90425**  
**Project / Site name: Ploughley road, Ambrosden**

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

Sample ID	Other ID	Sample Type	Lab Sample Number	Sample Deviation	Test Name	Test Ref	Test Deviation
TP03	None Supplied	S	2462666	a	None Supplied	None Supplied	None Supplied
TP04	None Supplied	S	2462667	a	None Supplied	None Supplied	None Supplied
TP06	None Supplied	S	2462668	a	None Supplied	None Supplied	None Supplied
TP09	None Supplied	S	2462669	a	None Supplied	None Supplied	None Supplied
TP14	None Supplied	S	2462670	a	None Supplied	None Supplied	None Supplied
TP15	None Supplied	S	2462671	a	None Supplied	None Supplied	None Supplied
TP18	None Supplied	S	2462672	a	None Supplied	None Supplied	None Supplied
TP20	None Supplied	S	2462673	a	None Supplied	None Supplied	None Supplied
TP21	None Supplied	S	2462674	a	None Supplied	None Supplied	None Supplied
TP26	None Supplied	S	2462675	a	None Supplied	None Supplied	None Supplied
TP28	None Supplied	S	2462676	a	None Supplied	None Supplied	None Supplied
TP30	None Supplied	S	2462677	a	None Supplied	None Supplied	None Supplied
TP35	None Supplied	S	2462678	a	None Supplied	None Supplied	None Supplied



## **H HazWaste Assessment**

## Waste Classification Report

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

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



TQ8PK-RCIO4-1U2FA

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

### Job name

Ploughley Road, Ambrosden[1]

### Description/Comments

Potential residential development site

### Project

B05927

### Site

Ploughley Road, Ambrosden

### Classified by

Name:	Company:
<b>Mark Briggs</b>	<b>Clarkebond (UK) Ltd</b>
Date:	<b>129 Cumberland Road</b>
<b>18 Nov 2022 16:16 GMT</b>	<b>Bristol</b>
Telephone:	<b>BS1 6UY</b>
<b>07527389000</b>	

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

### HazWasteOnline™ Certification:

**CERTIFIED**

**Course**  
Hazardous Waste Classification  
Most recent 3 year Refresher

**Date**  
07 Nov 2019  
04 Oct 2022

Next 3 year Refresher due by Oct 2025

### Purpose of classification

2 - Material Characterisation

### Address of the waste

Ploughley Road Ambrosden N/A

### SIC for the process giving rise to the waste

41202 Construction of domestic buildings

### Description of industry/producer giving rise to the waste

Residential development of greenfield site

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

Groundworks associated with residential development.

### Description of the waste

Natural soil arisings

**Job summary**

#	Sample name	Depth [m]	Classification Result	Hazard properties	Page
1	TP03--0.10		Non Hazardous		3
2	TP04--0.40		Non Hazardous		8
3	TP06--0.30		Non Hazardous		10
4	TP09--0.50		Non Hazardous		12
5	TP14--0.60		Non Hazardous		14
6	TP15--0.50		Non Hazardous		16
7	TP18--0.20		Non Hazardous		21
8	TP20--0.20		Non Hazardous		23
9	TP21--0.50		Non Hazardous		28
10	TP26--0.40		Non Hazardous		30
11	TP28--0.30		Non Hazardous		32
12	TP30--0.20		Non Hazardous		34
13	TP35--0.10		Non Hazardous		39

**Related documents**

#	Name	Description
1	22-90425_HWOL_Results.hwol	i2 Analytical .hwol file used to populate the Job
2	Clarkebond General Contam land screen	waste stream template used to create this Job

**Report**

Created by: Mark Briggs

Created date: 18 Nov 2022 16:16 GMT

Appendices	Page
Appendix A: Classifier defined and non GB MCL determinands	42
Appendix B: Rationale for selection of metal species	44
Appendix C: Version	45

Classification of sample: TP03---0.10

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

Sample details

Sample name:	LoW Code:	
<b>TP03---0.10</b>	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)
<b>8.1%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 8.1% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				20 mg/kg	1.32	24.268 mg/kg	0.00243 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8 mg/kg	2.27	<4.086 mg/kg	<0.000409 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				16 mg/kg	1.126	16.555 mg/kg	0.00166 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	90 mg/kg		82.71 mg/kg	0.00827 %	✓	
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { dinickel hexacyanoferrate }				25 mg/kg	2.806	64.458 mg/kg	0.00645 %	✓	
	028-037-00-8	238-946-3	14874-78-3							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				69 mg/kg	4.398	278.877 mg/kg	0.0279 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				<36.8 mg/kg		<36.8 mg/kg	<0.00368 %		<LOD
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene 601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
18	pH PH				6.7 pH		6.7 pH	6.7 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7- methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
37	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
38	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a- octahydro-1,4:5,8-dimethanonaphthalene 602-051-00-X	200-775-7	72-20-8		<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
	EU CLP index number	EC Number	CAS Number							
40	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-046-00-2	200-962-3	76-44-8							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	aldrin (ISO)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-048-00-3	206-215-8	309-00-2							
43	pentachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-074-00-5	210-172-0	608-93-5							
44	1,2,3-trichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
45	alachlor (ISO); 2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	616-015-00-6	240-110-8	15972-60-8							
46	azinphos-ethyl (ISO); O,O-diethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-056-00-1	220-147-6	2642-71-9							
47	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
48	bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl rel-(1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-699-00-7		82657-04-3							
49	chlorfenvinphos (ISO); 2-chloro-1-(2,4 dichlorophenyl) vinyl diethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-071-00-3	207-432-0	470-90-6							
50	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-084-00-4	220-864-4	2921-88-2							
51	chlorothalonil (ISO); tetrachloroisophthalonitrile				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	608-014-00-4	217-588-1	1897-45-6							
52	carbophenothion (ISO); 4-chlorophenylthiomethyl O,O-diethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-044-00-6	212-324-1	786-19-6							
53	cyfluthrin (ISO); a-cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)- 2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-253-00-1	269-855-7	68359-37-5							
54	cypermethrin cis/trans +/- 40/60; (RS)-a-cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-421-00-4	257-842-9	52315-07-8							
55	lambda-cyhalothrin (ISO); reaction mass of (S)-a-cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro- 3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate and (R)-a-cyano-3-phenoxybenzyl (Z)-(1S)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate (1:1)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-252-00-6	415-130-7	91465-08-6							
56	dichlobenil (ISO); 2,6-dichlorobenzonitrile				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	608-015-00-X	214-787-5	1194-65-6							
57	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-019-00-X	200-547-7	62-73-7							
58	dimethoate (ISO); O,O-dimethyl methylcarbonylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-051-00-4	200-480-3	60-51-5							
59	deltamethrin (ISO); (S)-a-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-319-00-X	258-256-6	52918-63-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	demeton-O (ISO); O,O-diethyl-O-2-ethylthioethyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-028-00-9	206-053-8	298-03-3							
61	demeton-S (ISO); diethyl-S-2-ethylthioethyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-029-00-4	204-801-8	126-75-0							
62	diazinon (ISO); O,O-diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-040-00-4	206-373-8	833-41-5							
63	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-063-00-5	213-831-0	1024-57-3							
64	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-047-00-2	209-242-3	563-12-2							
65	etrimfos (ISO); O-6-ethoxy-2-ethylpyrimidin-4-yl O,O-dimethylphosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-122-00-X	253-855-9	38260-54-7							
66	fenthion (ISO); O,O-dimethyl-O-(4-methylthion-m-tolyl) phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-048-00-8	200-231-9	55-38-9							
67	fenitrothion (ISO); O,O-dimethyl O-4-nitro-m-tolyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-054-00-0	204-524-2	122-14-5							
68	hexachlorobutadiene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-765-5	87-68-3							
69	isodrin; (1a,4a,4ab,5b,8b,8ab)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	602-050-00-4	207-366-2	465-73-6							
70	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-041-00-X	204-497-7	121-75-5							
71	methyl 3-[(dimethoxyphosphinothioyl)oxy]methacrylate; [1] methacrifos (ISO); methyl (E)-3-[(dimethoxyphosphinothioyl)oxy]methacrylate [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-156-00-5	250-366-9 [1] -2]	30864-28-9 [1] 62610-77-9 [2]							
72	mevinphos (ISO); 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-020-00-5	232-095-1	7786-34-7							
73	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	015-066-00-6	214-197-8	1113-02-6							
74	o,p'-DDD				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		200-166-6	53-19-0							
75	o,p'-DDE				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		222-318-0	3424-82-6							
76	o,p'-DDT				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		212-332-5	789-02-6							
77	parathion (ISO); O,O-diethyl O-4-nitrophenyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-034-00-1	200-271-7	56-38-2							
78	parathion - methyl (ISO); O,O-dimethyl O-4-nitrophenyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-035-00-7	206-050-1	298-00-0							
79	pendimethalin (ISO); N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	609-042-00-X	254-938-2	40487-42-1							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
80	phorate (ISO); O,O-diethyl ethylthiomethyl phosphorodithioate 015-033-00-6   206-052-2   298-02-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81	phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate 015-067-00-1   218-996-2   2310-17-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
82	pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate 015-099-00-6   245-704-0   23505-41-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate 015-134-00-5   249-528-5   29232-93-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
84	p,p'-DDD 200-783-0   72-54-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	p,p'-DDE 200-784-6   72-55-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	p,p'-methoxychlor 200-779-9   72-43-5				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
87	propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide 616-055-00-4   245-951-4   23950-58-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	trans-isopropyl-3-[[[(ethylamino)methoxyfosfinothiyl]oxy]crotonate; isopropyl 3-[[[(ethylamino)methoxyphosphinothiyl]oxy]isocrotonate; propetamphos (ISO) 015-136-00-6   250-517-2   31218-83-4				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate 015-022-00-6   236-116-5   13171-21-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene 609-044-00-0   204-178-2   117-18-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	trifluralin (ISO) (containing < 0.5 ppm NPDA); a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0.5 ppm NPDA); 2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline (containing < 0.5 ppm NPDA); N,N-dipropyl-2,6-dinitro-4-trifluoromethylaniline (containing < 0.5 ppm NPDA) 609-046-00-1   216-428-8   1582-09-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite 602-052-00-5   204-079-4   115-29-7				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
93	permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate 613-058-00-2   258-067-9   52645-53-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0564 %		

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: TP04---0.40

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

Sample details

Sample name:	LoW Code:	
<b>TP04---0.40</b>	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)
<b>7.8%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 7.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3				22	mg/kg	1.32	26.781	mg/kg	0.00268 %	✓	
2	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				34	mg/kg	1.462	49.693	mg/kg	0.00497 %		
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
5	copper { dicopper oxide; copper (I) oxide } 029-002-00-X   215-270-7   1317-39-1				15	mg/kg	1.126	15.571	mg/kg	0.00156 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	21	mg/kg		19.362	mg/kg	0.00194 %	✓	
7	mercury { mercury dichloride } 080-010-00-X   231-299-8   7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
8	nickel { dinickel hexacyanoferrate } 028-037-00-8   238-946-3   14874-78-3				25	mg/kg	2.806	64.668	mg/kg	0.00647 %	✓	
9	selenium { nickel selenate } 028-031-00-5   239-125-2   15060-62-5				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] } 030-006-00-9   231-793-3 [1]   7446-19-7 [1]   231-793-3 [2]   7733-02-0 [2]				75	mg/kg	4.398	304.117	mg/kg	0.0304 %	✓	
11	TPH (C6 to C40) petroleum group TPH				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X   216-653-1   1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene 601-020-00-8   200-753-7   71-43-2				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				6.8 pH		6.8 pH	6.8 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0525 %		

Key

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

Classification of sample: TP06---0.30

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

Sample details

Sample name:	LoW Code:	
<b>TP06---0.30</b>	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)
<b>7.3%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 7.3% Wet Weight Moisture Correction applied (MC)


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				31	mg/kg	1.32	37.942	mg/kg	0.00379 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				30	mg/kg	1.462	43.847	mg/kg	0.00438 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				15	mg/kg	1.126	15.655	mg/kg	0.00157 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	16	mg/kg		14.832	mg/kg	0.00148 %	✓	
	082-001-00-6											
7	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { dinickel hexacyanoferrate }				28	mg/kg	2.806	72.821	mg/kg	0.00728 %	✓	
	028-037-00-8	238-946-3	14874-78-3									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				63	mg/kg	4.398	256.843	mg/kg	0.0257 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
			TPH									
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				7.4 pH		7.4 pH	7.4 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0487 %		

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: TP09---0.50

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

Sample details

Sample name:	LoW Code:	
<b>TP09---0.50</b>	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)
<b>8.4%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 8.4% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				12 mg/kg	1.32	14.513 mg/kg	0.00145 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8 mg/kg	2.27	<4.086 mg/kg	<0.000409 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				14 mg/kg	1.126	14.438 mg/kg	0.00144 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	19 mg/kg		17.404 mg/kg	0.00174 %	✓	
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { dinickel hexacyanoferrate }				22 mg/kg	2.806	56.538 mg/kg	0.00565 %	✓	
	028-037-00-8	238-946-3	14874-78-3							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				79 mg/kg	4.398	318.252 mg/kg	0.0318 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				<36.8 mg/kg		<36.8 mg/kg	<0.00368 %		<LOD
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				7 pH		7 pH	7pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0511 %		

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: TP14---0.60

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

Sample details

Sample name:	LoW Code:
<b>TP14---0.60</b>	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)
<b>7.8%</b> (wet weight correction)	

Hazard properties

None identified

Determinands

Moisture content: 7.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				20	mg/kg	1.32	24.347	mg/kg	0.00243 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				26	mg/kg	1.462	38	mg/kg	0.0038 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				12	mg/kg	1.126	12.457	mg/kg	0.00125 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	13	mg/kg		11.986	mg/kg	0.0012 %	✓	
	082-001-00-6											
7	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { dinickel hexacyanoferrate }				26	mg/kg	2.806	67.255	mg/kg	0.00673 %	✓	
	028-037-00-8	238-946-3	14874-78-3									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				63	mg/kg	4.398	255.458	mg/kg	0.0255 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
			TPH									
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				8.2 pH		8.2 pH	8.2 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0454 %		

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---0.50

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

Sample details

Sample name: <b>TP15---0.50</b>	LoW Code: Chapter:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content: <b>9.6%</b> (wet weight correction)	Entry:	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

Moisture content: 9.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number								
1	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3				14 mg/kg	1.32	16.71	mg/kg	0.00167 %	✓	
2	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0				0.5 mg/kg	1.142	0.516	mg/kg	0.0000516 %	✓	
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				33 mg/kg	1.462	48.231	mg/kg	0.00482 %		
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1.8 mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
5	copper { dicopper oxide; copper (I) oxide } 029-002-00-X   215-270-7   1317-39-1				17 mg/kg	1.126	17.303	mg/kg	0.00173 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	27 mg/kg		24.408	mg/kg	0.00244 %	✓	
7	mercury { mercury dichloride } 080-010-00-X   231-299-8   7487-94-7				<0.3 mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
8	nickel { dinickel hexacyanoferrate } 028-037-00-8   238-946-3   14874-78-3				26 mg/kg	2.806	65.942	mg/kg	0.00659 %	✓	
9	selenium { nickel selenate } 028-031-00-5   239-125-2   15060-62-5				<1 mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] } 030-006-00-9   231-793-3 [1]   7446-19-7 [1]   231-793-3 [2]   7733-02-0 [2]				78 mg/kg	4.398	310.107	mg/kg	0.031 %	✓	
11	TPH (C6 to C40) petroleum group TPH				<36.8 mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>						
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X   216-653-1   1634-04-4				<0.001 mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene 601-020-00-8   200-753-7   71-43-2				<0.001 mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene 601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	pH		PH		8.1 pH		8.1 pH	8.1 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
37	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
38	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene 602-051-00-X	200-775-7	72-20-8		<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
	EU CLP index number	EC Number	CAS Number							
40	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-046-00-2	200-962-3	76-44-8							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	aldrin (ISO)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-048-00-3	206-215-8	309-00-2							
43	pentachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-074-00-5	210-172-0	608-93-5							
44	1,2,3-trichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
45	alachlor (ISO); 2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	616-015-00-6	240-110-8	15972-60-8							
46	azinphos-ethyl (ISO); O,O-diethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-056-00-1	220-147-6	2642-71-9							
47	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
48	bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl rel-(1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-699-00-7		82657-04-3							
49	chlorfenvinphos (ISO); 2-chloro-1-(2,4 dichlorophenyl) vinyl diethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-071-00-3	207-432-0	470-90-6							
50	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-084-00-4	220-864-4	2921-88-2							
51	chlorothalonil (ISO); tetrachloroisophthalonitrile				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	608-014-00-4	217-588-1	1897-45-6							
52	carbophenothion (ISO); 4-chlorophenylthiomethyl O,O-diethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-044-00-6	212-324-1	786-19-6							
53	cyfluthrin (ISO); a-cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)- 2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-253-00-1	269-855-7	68359-37-5							
54	cypermethrin cis/trans +/- 40/60; (RS)-a-cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-421-00-4	257-842-9	52315-07-8							
55	lambda-cyhalothrin (ISO); reaction mass of (S)-a-cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro- 3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate and (R)-a-cyano-3-phenoxybenzyl (Z)-(1S)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate (1:1)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-252-00-6	415-130-7	91465-08-6							
56	dichlobenil (ISO); 2,6-dichlorobenzonitrile				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	608-015-00-X	214-787-5	1194-65-6							
57	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-019-00-X	200-547-7	62-73-7							
58	dimethoate (ISO); O,O-dimethyl methylcarbamoylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-051-00-4	200-480-3	60-51-5							
59	deltamethrin (ISO); (S)-a-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-319-00-X	258-256-6	52918-63-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	demeton-O (ISO); O,O-diethyl-O-2-ethylthioethyl phosphorothioate 015-028-00-9   206-053-8   298-03-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	demeton-S (ISO); diethyl-S-2-ethylthioethyl phosphorothioate 015-029-00-4   204-801-8   126-75-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	diazinon (ISO); O,O-diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate 015-040-00-4   206-373-8   333-41-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoinane 602-063-00-5   213-831-0   1024-57-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
64	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion 015-047-00-2   209-242-3   563-12-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	etrimfos (ISO); O-6-ethoxy-2-ethylpyrimidin-4-yl O,O-dimethylphosphorothioate 015-122-00-X   253-855-9   38260-54-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	fenthion (ISO); O,O-dimethyl-O-(4-methylthion-m-tolyl) phosphorothioate 015-048-00-8   200-231-9   55-38-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
67	fenitrothion (ISO); O,O-dimethyl O-4-nitro-m-tolyl phosphorothioate 015-054-00-0   204-524-2   122-14-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	hexachlorobutadiene   201-765-5   87-68-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	isodrin; (1a,4a,4ab,5b,8b,8ab)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene 602-050-00-4   207-366-2   465-73-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
70	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion] 015-041-00-X   204-497-7   121-75-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	methyl 3-[(dimethoxyphosphinothioyl)oxy]methacrylate; [1] methacrifos (ISO); methyl (E)-3-[(dimethoxyphosphinothioyl)oxy]methacrylate [2] 015-156-00-5   250-366-9 [1] -2   30864-28-9 [1]   62610-77-9 [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72	mevinphos (ISO); 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate 015-020-00-5   232-095-1   7786-34-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
73	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate 015-066-00-6   214-197-8   1113-02-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
74	o,p'-DDD   200-166-6   53-19-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
75	o,p'-DDE   222-318-0   3424-82-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
76	o,p'-DDT   212-332-5   789-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
77	parathion (ISO); O,O-diethyl O-4-nitrophenyl phosphorothioate 015-034-00-1   200-271-7   56-38-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
78	parathion - methyl (ISO); O,O-dimethyl O-4-nitrophenyl phosphorothioate 015-035-00-7   206-050-1   298-00-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79	pendimethalin (ISO); N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine 609-042-00-X   254-938-2   40487-42-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
80	phorate (ISO); O,O-diethyl ethylthiomethyl phosphorodithioate 015-033-00-6   206-052-2   298-02-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81	phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate 015-067-00-1   218-996-2   2310-17-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
82	pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate 015-099-00-6   245-704-0   23505-41-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate 015-134-00-5   249-528-5   29232-93-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
84	p,p'-DDD 200-783-0   72-54-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	p,p'-DDE 200-784-6   72-55-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	p,p'-methoxychlor 200-779-9   72-43-5				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
87	propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide 616-055-00-4   245-951-4   23950-58-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	trans-isopropyl-3-[[[(ethylamino)methoxyfosfinothioyl]oxy]crotonate; isopropyl 3-[[[(ethylamino)methoxyphosphinothioyl]oxy]isocrotonate; propetamphos (ISO) 015-136-00-6   250-517-2   31218-83-4				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate 015-022-00-6   236-116-5   13171-21-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene 609-044-00-0   204-178-2   117-18-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	trifluralin (ISO) (containing < 0.5 ppm NPDA); a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0.5 ppm NPDA); 2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline (containing < 0.5 ppm NPDA); N,N-dipropyl-2,6-dinitro-4-trifluoromethylaniline (containing < 0.5 ppm NPDA) 609-046-00-1   216-428-8   1582-09-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite 602-052-00-5   204-079-4   115-29-7				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
93	permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate 613-058-00-2   258-067-9   52645-53-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0529 %		

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---0.20

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

Sample details

Sample name:	LoW Code:
<b>TP18---0.20</b>	Chapter:
Moisture content:	17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
<b>11%</b> (wet weight correction)	Entry:
	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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


#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3				16	mg/kg	1.32	18.801	mg/kg	0.00188 %	✓	
2	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				32.2	mg/kg	1.462	47.062	mg/kg	0.00471 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				1.8	mg/kg	2.27	4.086	mg/kg	0.000409 %		
5	copper { dicopper oxide; copper (I) oxide } 029-002-00-X   215-270-7   1317-39-1				18	mg/kg	1.126	18.037	mg/kg	0.0018 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	22	mg/kg		19.58	mg/kg	0.00196 %	✓	
7	mercury { mercury dichloride } 080-010-00-X   231-299-8   7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
8	nickel { dinickel hexacyanoferrate } 028-037-00-8   238-946-3   14874-78-3				27	mg/kg	2.806	67.418	mg/kg	0.00674 %	✓	
9	selenium { nickel selenate } 028-031-00-5   239-125-2   15060-62-5				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] } 030-006-00-9   231-793-3 [1]   7446-19-7 [1]   231-793-3 [2]   7733-02-0 [2]				79	mg/kg	4.398	309.218	mg/kg	0.0309 %	✓	
11	TPH (C6 to C40) petroleum group TPH				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X   216-653-1   1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene 601-020-00-8   200-753-7   71-43-2				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene 601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
18	pH PH				8.2 pH		8.2 pH	8.2 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
Total:								0.0525 %		

Key

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

Classification of sample: TP20---0.20

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

Sample details

Sample name:	LoW Code:	
<b>TP20---0.20</b>	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)
<b>9.2%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 9.2% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide } 033-003-00-0   215-481-4   1327-53-3				18	mg/kg	1.32	21.579	mg/kg	0.00216 %	✓	
2	cadmium { cadmium oxide } 048-002-00-0   215-146-2   1306-19-0				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) } 215-160-9   1308-38-9				36	mg/kg	1.462	52.616	mg/kg	0.00526 %		
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex } 024-017-00-8				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
5	copper { dicopper oxide; copper (I) oxide } 029-002-00-X   215-270-7   1317-39-1				18	mg/kg	1.126	18.402	mg/kg	0.00184 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) } 082-001-00-6			1	25	mg/kg		22.7	mg/kg	0.00227 %	✓	
7	mercury { mercury dichloride } 080-010-00-X   231-299-8   7487-94-7				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
8	nickel { dinickel hexacyanoferrate } 028-037-00-8   238-946-3   14874-78-3				29	mg/kg	2.806	73.876	mg/kg	0.00739 %	✓	
9	selenium { nickel selenate } 028-031-00-5   239-125-2   15060-62-5				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] } 030-006-00-9   231-793-3 [1]   7446-19-7 [1]   231-793-3 [2]   7733-02-0 [2]				83	mg/kg	4.398	331.445	mg/kg	0.0331 %	✓	
11	TPH (C6 to C40) petroleum group TPH				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane 603-181-00-X   216-653-1   1634-04-4				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
14	benzene 601-020-00-8   200-753-7   71-43-2				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene 601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
18	pH PH				7.1 pH		7.1 pH	7.1 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7- methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
37	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
38	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a- octahydro-1,4:5,8-dimethanonaphthalene 602-051-00-X	200-775-7	72-20-8		<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
	EU CLP index number	EC Number	CAS Number							
40	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-046-00-2	200-962-3	76-44-8							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	aldrin (ISO)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-048-00-3	206-215-8	309-00-2							
43	pentachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-074-00-5	210-172-0	608-93-5							
44	1,2,3-trichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
45	alachlor (ISO); 2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	616-015-00-6	240-110-8	15972-60-8							
46	azinphos-ethyl (ISO); O,O-diethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-056-00-1	220-147-6	2642-71-9							
47	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
48	bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl rel-(1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-699-00-7		82657-04-3							
49	chlorfenvinphos (ISO); 2-chloro-1-(2,4 dichlorophenyl) vinyl diethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-071-00-3	207-432-0	470-90-6							
50	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-084-00-4	220-864-4	2921-88-2							
51	chlorothalonil (ISO); tetrachloroisophthalonitrile				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	608-014-00-4	217-588-1	1897-45-6							
52	carbophenothion (ISO); 4-chlorophenylthiomethyl O,O-diethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-044-00-6	212-324-1	786-19-6							
53	cyfluthrin (ISO); a-cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)- 2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-253-00-1	269-855-7	68359-37-5							
54	cypermethrin cis/trans +/- 40/60; (RS)-a-cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-421-00-4	257-842-9	52315-07-8							
55	lambda-cyhalothrin (ISO); reaction mass of (S)-a-cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro- 3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate and (R)-a-cyano-3-phenoxybenzyl (Z)-(1S)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate (1:1)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-252-00-6	415-130-7	91465-08-6							
56	dichlobenil (ISO); 2,6-dichlorobenzonitrile				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	608-015-00-X	214-787-5	1194-65-6							
57	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-019-00-X	200-547-7	62-73-7							
58	dimethoate (ISO); O,O-dimethyl methylcarbonylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-051-00-4	200-480-3	60-51-5							
59	deltamethrin (ISO); (S)-a-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-319-00-X	258-256-6	52918-63-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	demeton-O (ISO); O,O-diethyl-O-2-ethylthioethyl phosphorothioate 015-028-00-9   206-053-8   298-03-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	demeton-S (ISO); diethyl-S-2-ethylthioethyl phosphorothioate 015-029-00-4   204-801-8   126-75-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	diazinon (ISO); O,O-diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate 015-040-00-4   206-373-8   833-41-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindane 602-063-00-5   213-831-0   1024-57-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
64	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion 015-047-00-2   209-242-3   563-12-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	etrimfos (ISO); O-6-ethoxy-2-ethylpyrimidin-4-yl O,O-dimethylphosphorothioate 015-122-00-X   253-855-9   38260-54-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	fenthion (ISO); O,O-dimethyl-O-(4-methylthion-m-tolyl) phosphorothioate 015-048-00-8   200-231-9   55-38-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
67	fenitrothion (ISO); O,O-dimethyl O-4-nitro-m-tolyl phosphorothioate 015-054-00-0   204-524-2   122-14-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	hexachlorobutadiene   201-765-5   87-68-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	isodrin; (1a,4a,4ab,5b,8b,8ab)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene 602-050-00-4   207-366-2   465-73-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
70	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion] 015-041-00-X   204-497-7   121-75-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	methyl 3-[(dimethoxyphosphinothioyl)oxy]methacrylate; [1] methacrifos (ISO); methyl (E)-3-[(dimethoxyphosphinothioyl)oxy]methacrylate [2] 015-156-00-5   250-366-9 [1]-2   30864-28-9 [1]   62610-77-9 [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72	mevinphos (ISO); 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate 015-020-00-5   232-095-1   7786-34-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
73	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate 015-066-00-6   214-197-8   1113-02-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
74	o,p'-DDD   200-166-6   53-19-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
75	o,p'-DDE   222-318-0   3424-82-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
76	o,p'-DDT   212-332-5   789-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
77	parathion (ISO); O,O-diethyl O-4-nitrophenyl phosphorothioate 015-034-00-1   200-271-7   56-38-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
78	parathion - methyl (ISO); O,O-dimethyl O-4-nitrophenyl phosphorothioate 015-035-00-7   206-050-1   298-00-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79	pendimethalin (ISO); N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine 609-042-00-X   254-938-2   40487-42-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
80	phorate (ISO); O,O-diethyl ethylthiomethyl phosphorodithioate 015-033-00-6   206-052-2   298-02-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81	phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate 015-067-00-1   218-996-2   2310-17-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
82	pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate 015-099-00-6   245-704-0   23505-41-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate 015-134-00-5   249-528-5   29232-93-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
84	p,p'-DDD 200-783-0   72-54-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	p,p'-DDE 200-784-6   72-55-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	p,p'-methoxychlor 200-779-9   72-43-5				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
87	propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide 616-055-00-4   245-951-4   23950-58-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	trans-isopropyl-3-[[[(ethylamino)methoxyfosfinothiyl]oxy]crotonate; isopropyl 3-[[[(ethylamino)methoxyphosphinothiyl]oxy]isocrotonate; propetamphos (ISO) 015-136-00-6   250-517-2   31218-83-4				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate 015-022-00-6   236-116-5   13171-21-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene 609-044-00-0   204-178-2   117-18-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	trifluralin (ISO) (containing < 0.5 ppm NPDA); a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0.5 ppm NPDA); 2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline (containing < 0.5 ppm NPDA); N,N-dipropyl-2,6-dinitro-4-trifluoromethylaniline (containing < 0.5 ppm NPDA) 609-046-00-1   216-428-8   1582-09-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite 602-052-00-5   204-079-4   115-29-7				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
93	permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate 613-058-00-2   258-067-9   52645-53-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0566 %		

Key

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

Classification of sample: TP21---0.50

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

Sample details

Sample name:	LoW Code:	
<b>TP21---0.50</b>	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)
<b>6.6%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 6.6% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				17 mg/kg	1.32	20.964 mg/kg	0.0021 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				0.7 mg/kg	1.142	0.747 mg/kg	0.0000747 %	✓	
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8 mg/kg	2.27	<4.086 mg/kg	<0.000409 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				18 mg/kg	1.126	18.928 mg/kg	0.00189 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20 mg/kg		18.68 mg/kg	0.00187 %	✓	
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { dinickel hexacyanoferrate }				33 mg/kg	2.806	86.473 mg/kg	0.00865 %	✓	
	028-037-00-8	238-946-3	14874-78-3							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				87 mg/kg	4.398	357.367 mg/kg	0.0357 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				<36.8 mg/kg		<36.8 mg/kg	<0.00368 %		<LOD
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				8.3 pH		8.3 pH	8.3 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0603 %		

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: TP26---0.40

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

Sample details

Sample name:	LoW Code:	
<b>TP26---0.40</b>	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)
<b>6.8%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 6.8% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				16	mg/kg	1.32	19.689	mg/kg	0.00197 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				28	mg/kg	1.462	40.924	mg/kg	0.00409 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				19	mg/kg	1.126	19.937	mg/kg	0.00199 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	21	mg/kg		19.572	mg/kg	0.00196 %	✓	
	082-001-00-6											
7	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { dinickel hexacyanoferrate }				21	mg/kg	2.806	54.911	mg/kg	0.00549 %	✓	
	028-037-00-8	238-946-3	14874-78-3									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				78	mg/kg	4.398	319.712	mg/kg	0.032 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
			TPH									
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.052 %		

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: TP28---0.30

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

Sample details

Sample name:	LoW Code:	
<b>TP28---0.30</b>	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)
<b>10%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

Moisture content: 10% Wet Weight Moisture Correction applied (MC)

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				18	mg/kg	1.32	21.389	mg/kg	0.00214 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				25	mg/kg	1.462	36.539	mg/kg	0.00365 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				13	mg/kg	1.126	13.173	mg/kg	0.00132 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	20	mg/kg		18	mg/kg	0.0018 %	✓	
	082-001-00-6											
7	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { dinickel hexacyanoferrate }				20	mg/kg	2.806	50.5	mg/kg	0.00505 %	✓	
	028-037-00-8	238-946-3	14874-78-3									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				55	mg/kg	4.398	217.697	mg/kg	0.0218 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
			TPH									
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-021-00-3	203-625-9	108-88-3							
16	ethylbenzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-023-00-4	202-849-4	100-41-4							
17	xylene				<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
	601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]							
18	pH				8.1 pH		8.1 pH	8.1 pH		
			PH							
19	naphthalene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-052-00-2	202-049-5	91-20-3							
20	acenaphthylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-917-1	208-96-8							
21	acenaphthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-469-6	83-32-9							
22	fluorene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-695-5	86-73-7							
23	phenanthrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		201-581-5	85-01-8							
24	anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-371-1	120-12-7							
25	fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-912-4	206-44-0							
26	pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		204-927-3	129-00-0							
27	benzo[a]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-033-00-9	200-280-6	56-55-3							
28	chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-048-00-0	205-923-4	218-01-9							
29	benzo[b]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-034-00-4	205-911-9	205-99-2							
30	benzo[k]fluoranthene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-036-00-5	205-916-6	207-08-9							
31	benzo[a]pyrene; benzo[def]chrysene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-032-00-3	200-028-5	50-32-8							
32	indeno[123-cd]pyrene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-893-2	193-39-5							
33	dibenz[a,h]anthracene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
	601-041-00-2	200-181-8	53-70-3							
34	benzo[ghi]perylene				<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
		205-883-8	191-24-2							
Total:								0.0402 %		

Key

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

Classification of sample: TP30---0.20

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

Sample details

Sample name:	LoW Code:
<b>TP30---0.20</b>	Chapter: 17: Construction and Demolition Wastes (including excavated soil from contaminated sites)
Moisture content:	Entry:
<b>8.5%</b> (wet weight correction)	17 05 04 (Soil and stones other than those mentioned in 17 05 03)

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number									
1	arsenic { arsenic trioxide }				30	mg/kg	1.32	36.243	mg/kg	0.00362 %	✓	
	033-003-00-0	215-481-4	1327-53-3									
2	cadmium { cadmium oxide }				<0.2	mg/kg	1.142	<0.228	mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0									
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				40	mg/kg	1.462	58.462	mg/kg	0.00585 %		
		215-160-9	1308-38-9									
4	chromium in chromium(VI) compounds { chromium(VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8	mg/kg	2.27	<4.086	mg/kg	<0.000409 %		<LOD
	024-017-00-8											
5	copper { dicopper oxide; copper (I) oxide }				24	mg/kg	1.126	24.725	mg/kg	0.00247 %	✓	
	029-002-00-X	215-270-7	1317-39-1									
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	31	mg/kg		28.365	mg/kg	0.00284 %	✓	
	082-001-00-6											
7	mercury { mercury dichloride }				<0.3	mg/kg	1.353	<0.406	mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7									
8	nickel { dinickel hexacyanoferrate }				38	mg/kg	2.806	97.549	mg/kg	0.00975 %	✓	
	028-037-00-8	238-946-3	14874-78-3									
9	selenium { nickel selenate }				<1	mg/kg	2.554	<2.554	mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5									
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				100	mg/kg	4.398	402.41	mg/kg	0.0402 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]									
11	TPH (C6 to C40) petroleum group				<36.8	mg/kg		<36.8	mg/kg	<0.00368 %		<LOD
			TPH									
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>							
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4									
14	benzene				<0.001	mg/kg		<0.001	mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2									

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene 601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.0000002 %		<LOD
18	pH		PH		8 pH		8 pH	8pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 601-052-00-2	205-917-1	208-96-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 601-052-00-2	201-469-6	83-32-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 601-052-00-2	201-695-5	86-73-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 601-052-00-2	201-581-5	85-01-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	anthracene 601-052-00-2	204-371-1	120-12-7		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene 601-052-00-2	205-912-4	206-44-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	pyrene 601-052-00-2	204-927-3	129-00-0		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	indeno[123-cd]pyrene 601-032-00-3	205-893-2	193-39-5		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene 601-032-00-3	205-883-8	191-24-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
35	DDT (ISO); dieldrin (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane 602-045-00-7	200-024-3	50-29-3		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
36	chlordan (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan 602-047-00-8	200-349-0	57-74-9		<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
37	hexachlorocyclohexanes, including lindane 602-043-00-6	210-168-9, 200-401-2, 206-270-8, 206-271-3	58-89-9, 319-84-6, 319-85-7, 608-73-1		<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
38	dieldrin (ISO) 602-049-00-9	200-484-5	60-57-1		<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
39	endrin (ISO); 1,2,3,4,10,10-hexachloro-6,7-epoxy-1,4,4a,5,6,7,8,8a-octahydro-1,4:5,8-dimethanonaphthalene 602-051-00-X	200-775-7	72-20-8		<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
	EU CLP index number	EC Number	CAS Number							
40	heptachlor (ISO); 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoindene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-046-00-2	200-962-3	76-44-8							
41	hexachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-065-00-6	204-273-9	118-74-1							
42	aldrin (ISO)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-048-00-3	206-215-8	309-00-2							
43	pentachlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	602-074-00-5	210-172-0	608-93-5							
44	1,2,3-trichlorobenzene				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
		201-757-1	87-61-6							
45	alachlor (ISO); 2-chloro-2',6'-diethyl-N-(methoxymethyl)acetanilide				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	616-015-00-6	240-110-8	15972-60-8							
46	azinphos-ethyl (ISO); O,O-diethyl 4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-056-00-1	220-147-6	2642-71-9							
47	azinphos-methyl (ISO); O,O-dimethyl-4-oxobenzotriazin-3-ylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-039-00-9	201-676-1	86-50-0							
48	bifenthrin (ISO); (2-methylbiphenyl-3-yl)methyl rel-(1R,3R)-3-[(1Z)-2-chloro-3,3,3-trifluoroprop-1-en-1-yl]-2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-699-00-7		82657-04-3							
49	chlorfenvinphos (ISO); 2-chloro-1-(2,4 dichlorophenyl) vinyl diethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-071-00-3	207-432-0	470-90-6							
50	chlorpyrifos (ISO); O,O-diethyl O-3,5,6-trichloro-2-pyridyl phosphorothioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-084-00-4	220-864-4	2921-88-2							
51	chlorothalonil (ISO); tetrachloroisophthalonitrile				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
	608-014-00-4	217-588-1	1897-45-6							
52	carbophenothion (ISO); 4-chlorophenylthiomethyl O,O-diethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-044-00-6	212-324-1	786-19-6							
53	cyfluthrin (ISO); a-cyano-4-fluoro-3-phenoxybenzyl-3-(2,2-dichlorovinyl)- 2,2-dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-253-00-1	269-855-7	68359-37-5							
54	cypermethrin cis/trans +/- 40/60; (RS)-a-cyano-3-phenoxybenzyl (1RS,3RS;1RS,3SR)-3-(2,2-dichlorovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-421-00-4	257-842-9	52315-07-8							
55	lambda-cyhalothrin (ISO); reaction mass of (S)-a-cyano-3-phenoxybenzyl(Z)-(1R)-cis-3-(2-chloro- 3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate and (R)-a-cyano-3-phenoxybenzyl (Z)-(1S)-cis-3-(2-chloro-3,3,3-trifluoropropenyl)-2,2- dimethylcyclopropanecarboxylate (1:1)				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-252-00-6	415-130-7	91465-08-6							
56	dichlobenil (ISO); 2,6-dichlorobenzonitrile				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	608-015-00-X	214-787-5	1194-65-6							
57	dichlorvos (ISO); 2,2-dichlorovinyl dimethyl phosphate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-019-00-X	200-547-7	62-73-7							
58	dimethoate (ISO); O,O-dimethyl methylcarbamoylmethyl phosphorodithioate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	015-051-00-4	200-480-3	60-51-5							
59	deltamethrin (ISO); (S)-a-cyano-3-phenoxybenzyl (1R, 3R)-3-(2,2-dibromovinyl)-2,2- dimethylcyclopropanecarboxylate				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
	607-319-00-X	258-256-6	52918-63-5							

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
60	demeton-O (ISO); O,O-diethyl-O-2-ethylthioethyl phosphorothioate 015-028-00-9   206-053-8   298-03-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
61	demeton-S (ISO); diethyl-S-2-ethylthioethyl phosphorothioate 015-029-00-4   204-801-8   126-75-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
62	diazinon (ISO); O,O-diethyl O-2-isopropyl-6-methylpyrimidin-4-yl phosphorothioate 015-040-00-4   206-373-8   333-41-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
63	heptachlor epoxide; 2,3-epoxy-1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-4,7-methanoinane 602-063-00-5   213-831-0   1024-57-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
64	ethion (ISO); O,O,O',O'-tetraethyl S,S'-methylenedi (phosphorodithioate); diethion 015-047-00-2   209-242-3   563-12-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
65	etrimfos (ISO); O-6-ethoxy-2-ethylpyrimidin-4-yl O,O-dimethylphosphorothioate 015-122-00-X   253-855-9   38260-54-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
66	fenthion (ISO); O,O-dimethyl-O-(4-methylthion-m-tolyl) phosphorothioate 015-048-00-8   200-231-9   55-38-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
67	fenitrothion (ISO); O,O-dimethyl O-4-nitro-m-tolyl phosphorothioate 015-054-00-0   204-524-2   122-14-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
68	hexachlorobutadiene   201-765-5   87-68-3				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
69	isodrin; (1a,4a,4ab,5b,8b,8ab)-1,2,3,4,10,10-hexachloro-1,4,4a,5,8,8a-hexahydro-1,4:5,8-dimethanonaphthalene 602-050-00-4   207-366-2   465-73-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
70	malathion (ISO); 1,2-bis(ethoxycarbonyl)ethyl O,O-dimethyl phosphorodithioate; [containing £ 0.03 % isomalathion] 015-041-00-X   204-497-7   121-75-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
71	methyl 3-[(dimethoxyphosphinothioyl)oxy]methacrylate; [1] methacrifos (ISO); methyl (E)-3-[(dimethoxyphosphinothioyl)oxy]methacrylate [2] 015-156-00-5   250-366-9 [1] -2   30864-28-9 [1]   62610-77-9 [2]				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
72	mevinphos (ISO); 2-methoxycarbonyl-1-methylvinyl dimethyl phosphate 015-020-00-5   232-095-1   7786-34-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
73	omethoate (ISO); O,O-dimethyl S-methylcarbamoylmethyl phosphorothioate 015-066-00-6   214-197-8   1113-02-6				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
74	o,p'-DDD   200-166-6   53-19-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
75	o,p'-DDE   222-318-0   3424-82-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
76	o,p'-DDT   212-332-5   789-02-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
77	parathion (ISO); O,O-diethyl O-4-nitrophenyl phosphorothioate 015-034-00-1   200-271-7   56-38-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
78	parathion - methyl (ISO); O,O-dimethyl O-4-nitrophenyl phosphorothioate 015-035-00-7   206-050-1   298-00-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
79	pendimethalin (ISO); N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine 609-042-00-X   254-938-2   40487-42-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
80	phorate (ISO); O,O-diethyl ethylthiomethyl phosphorodithioate 015-033-00-6   206-052-2   298-02-2				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
81	phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate 015-067-00-1   218-996-2   2310-17-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
82	pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate 015-099-00-6   245-704-0   23505-41-1				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
83	pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate 015-134-00-5   249-528-5   29232-93-7				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
84	p,p'-DDD 200-783-0   72-54-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
85	p,p'-DDE 200-784-6   72-55-9				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
86	p,p'-methoxychlor 200-779-9   72-43-5				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
87	propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide 616-055-00-4   245-951-4   23950-58-5				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
88	trans-isopropyl-3-[[[(ethylamino)methoxyfosfinothioyl]oxy]crotonate; isopropyl 3-[[[(ethylamino)methoxyphosphinothioyl]oxy]isocrotonate; propetamphos (ISO) 015-136-00-6   250-517-2   31218-83-4				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
89	phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate 015-022-00-6   236-116-5   13171-21-6				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
90	tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene 609-044-00-0   204-178-2   117-18-0				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
91	trifluralin (ISO) (containing < 0.5 ppm NPDA); a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine (containing < 0.5 ppm NPDA); 2,6-dinitro-N,N-dipropyl-4-trifluoromethylaniline (containing < 0.5 ppm NPDA); N,N-dipropyl-2,6-dinitro-4-trifluoromethylaniline (containing < 0.5 ppm NPDA) 609-046-00-1   216-428-8   1582-09-8				<0.01 mg/kg		<0.01 mg/kg	<0.000001 %		<LOD
92	endosulfan (ISO); 1,2,3,4,7,7-hexachloro-8,9,10-trinorborn-2-en-5,6-ylenedimethylene sulfite; 1,4,5,6,7,7-hexachloro-8,9,10-trinorborn-5-en-2,3-ylenedimethylene sulfite 602-052-00-5   204-079-4   115-29-7				<0.03 mg/kg		<0.03 mg/kg	<0.000003 %		<LOD
93	permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate 613-058-00-2   258-067-9   52645-53-1				<0.02 mg/kg		<0.02 mg/kg	<0.000002 %		<LOD
Total:								0.0693 %		

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: TP35---0.10

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

Sample details

Sample name:	LoW Code:	
<b>TP35---0.10</b>	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)
<b>6.9%</b> (wet weight correction)		

Hazard properties

None identified

Determinands

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

#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
1	arsenic { arsenic trioxide }				9.5 mg/kg	1.32	11.678 mg/kg	0.00117 %	✓	
	033-003-00-0	215-481-4	1327-53-3							
2	cadmium { cadmium oxide }				<0.2 mg/kg	1.142	<0.228 mg/kg	<0.0000228 %		<LOD
	048-002-00-0	215-146-2	1306-19-0							
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }				22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
		215-160-9	1308-38-9							
4	chromium in chromium(VI) compounds { chromium (VI) compounds, with the exception of barium chromate and of compounds specified elsewhere in this Annex }				<1.8 mg/kg	2.27	<4.086 mg/kg	<0.000409 %		<LOD
	024-017-00-8									
5	copper { dicopper oxide; copper (I) oxide }				8.9 mg/kg	1.126	9.329 mg/kg	0.000933 %	✓	
	029-002-00-X	215-270-7	1317-39-1							
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }			1	11 mg/kg		10.241 mg/kg	0.00102 %	✓	
	082-001-00-6									
7	mercury { mercury dichloride }				<0.3 mg/kg	1.353	<0.406 mg/kg	<0.0000406 %		<LOD
	080-010-00-X	231-299-8	7487-94-7							
8	nickel { dinickel hexacyanoferrate }				14 mg/kg	2.806	36.568 mg/kg	0.00366 %	✓	
	028-037-00-8	238-946-3	14874-78-3							
9	selenium { nickel selenate }				<1 mg/kg	2.554	<2.554 mg/kg	<0.000255 %		<LOD
	028-031-00-5	239-125-2	15060-62-5							
10	zinc { zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2] }				30 mg/kg	4.398	122.834 mg/kg	0.0123 %	✓	
	030-006-00-9	231-793-3 [1] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]							
11	TPH (C6 to C40) petroleum group				62 mg/kg		57.722 mg/kg	0.00577 %	✓	
			TPH							
12	confirm TPH has NOT arisen from diesel or petrol				<input checked="" type="checkbox"/>					
13	tert-butyl methyl ether; MTBE; 2-methoxy-2-methylpropane				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	603-181-00-X	216-653-1	1634-04-4							
14	benzene				<0.001 mg/kg		<0.001 mg/kg	<0.0000001 %		<LOD
	601-020-00-8	200-753-7	71-43-2							



#	Determinand			CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
	EU CLP index number	EC Number	CAS Number							
15	toluene 601-021-00-3	203-625-9	108-88-3		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
16	ethylbenzene 601-023-00-4	202-849-4	100-41-4		<0.001 mg/kg		<0.001 mg/kg	<0.000001 %		<LOD
17	xylene 601-022-00-9	202-422-2 [1] 203-396-5 [2] 203-576-3 [3] 215-535-7 [4]	95-47-6 [1] 106-42-3 [2] 108-38-3 [3] 1330-20-7 [4]		<0.002 mg/kg		<0.002 mg/kg	<0.000002 %		<LOD
18	pH PH				8.1 pH		8.1 pH	8.1 pH		
19	naphthalene 601-052-00-2	202-049-5	91-20-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
20	acenaphthylene 205-917-1	208-96-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
21	acenaphthene 201-469-6	83-32-9			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
22	fluorene 201-695-5	86-73-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
23	phenanthrene 201-581-5	85-01-8			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
24	anthracene 204-371-1	120-12-7			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
25	fluoranthene 205-912-4	206-44-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
26	pyrene 204-927-3	129-00-0			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
27	benzo[a]anthracene 601-033-00-9	200-280-6	56-55-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
28	chrysene 601-048-00-0	205-923-4	218-01-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
29	benzo[b]fluoranthene 601-034-00-4	205-911-9	205-99-2		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
30	benzo[k]fluoranthene 601-036-00-5	205-916-6	207-08-9		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
31	benzo[a]pyrene; benzo[def]chrysene 601-032-00-3	200-028-5	50-32-8		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
32	indeno[123-cd]pyrene 205-893-2	193-39-5			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
33	dibenz[a,h]anthracene 601-041-00-2	200-181-8	53-70-3		<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
34	benzo[ghi]perylene 205-883-8	191-24-2			<0.05 mg/kg		<0.05 mg/kg	<0.000005 %		<LOD
Total:								0.0289 %		

Key

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

Supplementary Hazardous Property Information

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

Force this Hazardous property to non hazardous because No free draining liquid in sample, therefore no flammable liquid risk. TPH Concentration below 1,250 mg/kg so not considered flammable as per WM3 v1.1.

Hazard Statements hit:

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

Because of determinand:

TPH (C6 to C40) petroleum group: (conc.: 0.00577%)

## Appendix A: Classifier defined and non GB MCL determinands

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

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

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

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

Reason for additional Hazards Statement(s):

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

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

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

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

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

### confirm TPH has NOT arisen from diesel or petrol

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

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

GB MCL index number: 601-023-00-4

Description/Comments:

Additional Hazard Statement(s): Carc. 2; H351

Reason for additional Hazards Statement(s):

20 Nov 2021 - Carc. 2; H351 hazard statement sourced from: IARC Group 2B (77) 2000

### pH (CAS Number: PH)

Description/Comments: Appendix C4

Data source: WM3 1st Edition 2015

Data source date: 25 May 2015

Hazard Statements: None.

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 17 Jul 2015

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

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

Description/Comments: Data from C&L Inventory Database

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

Data source date: 06 Aug 2015

Hazard Statements: Aquatic Acute 1; H400, Aquatic Chronic 1; H410

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- **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

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- **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

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- **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

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- **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

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- **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

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- **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

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- **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

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- **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

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- **o,p'-DDD** (EC Number: 200-166-6, CAS Number: 53-19-0)

Description/Comments: other names: Mitotane; o,p'-TDE; 2,4'-DDD; 2,4'-TDE;

Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/10014>

Data source date: 11 Jan 2018

Hazard Statements: Acute Tox. 4; H312, Carc. 2; H351, Repr. 1A; H360FD, STOT RE 1; H372, Aquatic Acute 1; H400 (M=100), Aquatic Chronic 1; H410 (M=100)

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- **o,p'-DDE** (EC Number: 222-318-0, CAS Number: 3424-82-6)

Description/Comments: other names: 2,4'-DDE; 2,2,o,p'-tetrachlorovinylidenebisbenzene

Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/101358>

Data source date: 11 Jan 2018

Hazard Statements: Acute Tox. 4; H302, Carc. 2; H351, Aquatic Acute 1; H400, Aquatic Chronic 1; H410

▪ **o,p'-DDT** (EC Number: 212-332-5, CAS Number: 789-02-6)

Description/Comments: other names: 2,4'-DDT; 2,2,2,o,p'-pentachloroethylidenebisbenzene

Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/82255>

Data source date: 11 Jan 2018

Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 3; H311 , Acute Tox. 2; H330 , Carc. 2; H351 , STOT RE 1; H372 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **p,p'-DDD** (EC Number: 200-783-0, CAS Number: 72-54-8)

Description/Comments: other names: Rhothane; p,p'-TDE; 4,4'-DDD; 4,4'-TDE;

Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/21283>

Data source date: 11 Jan 2018

Hazard Statements: Acute Tox. 3; H301 , Acute Tox. 4; H312 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **p,p'-DDE** (EC Number: 200-784-6, CAS Number: 72-55-9)

Description/Comments: other names: 4,4'-DDE; 2,2-bis(p-chlorophenyl)-1,1-dichloroethylene

Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/21845>

Data source date: 11 Jan 2018

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 3; H311 , Skin Irrit. 2; H315 , Acute Tox. 3; H331 , Acute Tox. 4; H332 , Carc. 2; H351 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

▪ **p,p'-methoxychlor** (EC Number: 200-779-9, CAS Number: 72-43-5)

Description/Comments: other names: Methoxychlor; DMDT; Dimethoxy-DDT; Methoxy-DDT; Methoxide; p,p'-Dimethoxydiphenyltrichloroethane;

1,1,1-Trichloro-2,2-bis(4-methoxyphenyl)ethane

Data source: ECHA's C&L inventory database

<https://www.echa.europa.eu/web/guest/information-on-chemicals/cl-inventory-database/-/discli/details/112624>

Data source date: 11 Jan 2018

Hazard Statements: Acute Tox. 4; H302 , Acute Tox. 4; H312 , Acute Tox. 4; H332 , Carc. 2; H351 , Repr. 2; H361 , STOT SE 2; H371 , STOT RE 2; H373 , Aquatic Acute 1; H400 , Aquatic Chronic 1; H410

## Appendix B: Rationale for selection of metal species

### arsenic {arsenic trioxide}

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

### cadmium {cadmium oxide}

Reasonable case CLP species based on hazard statements/molecular weight, very low solubility in water. Industrial sources include: electroplating baths, electrodes for storage batteries, catalysts, ceramic glazes, phosphors, pigments and nematocides. Worst case compounds in CLP: cadmium sulphate, chloride, fluoride & iodide not expected as either very soluble and/or compound's industrial usage not related to site history.

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

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

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

Worst case species based on hazard statements/molecular weight.

### copper {dicopper oxide; copper (I) oxide}

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

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

Insufficient chromium to form chromate within sample. Next worst case selected.

### mercury {mercury dichloride}

Worst case CLP species based on hazard statements/molecular weight.

### nickel {dinickel hexacyanoferrate}

Insufficient chromium to form chromate within sample. Next worst case selected.

### selenium {nickel selenate}

Worst case CLP species based on hazard statements/molecular weight.

zinc (zinc sulphate (hydrous) (mono-, hexa- and hepta hydrate); [1] zinc sulphate (anhydrous) [2])

Insufficient chromium to form chromate within sample.

### Appendix C: Version

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

HazWasteOnline Classification Engine Version: 2022.319.5403.10057 (15 Nov 2022)

HazWasteOnline Database: 2022.319.5403.10057 (15 Nov 2022)

This classification utilises the following guidance and legislation:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**GB MCL List** - version 1.1 of 09 June 2021



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