E Infiltration Test Results

IN SITU TESTING - Soakaway Test

clarkebond

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

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

Pit Details:

Pit Length 1.60m
Pit Width 0.60m

Strata:

GL Reworked Topsoil

0.50m Brown to orange sandy CLAY

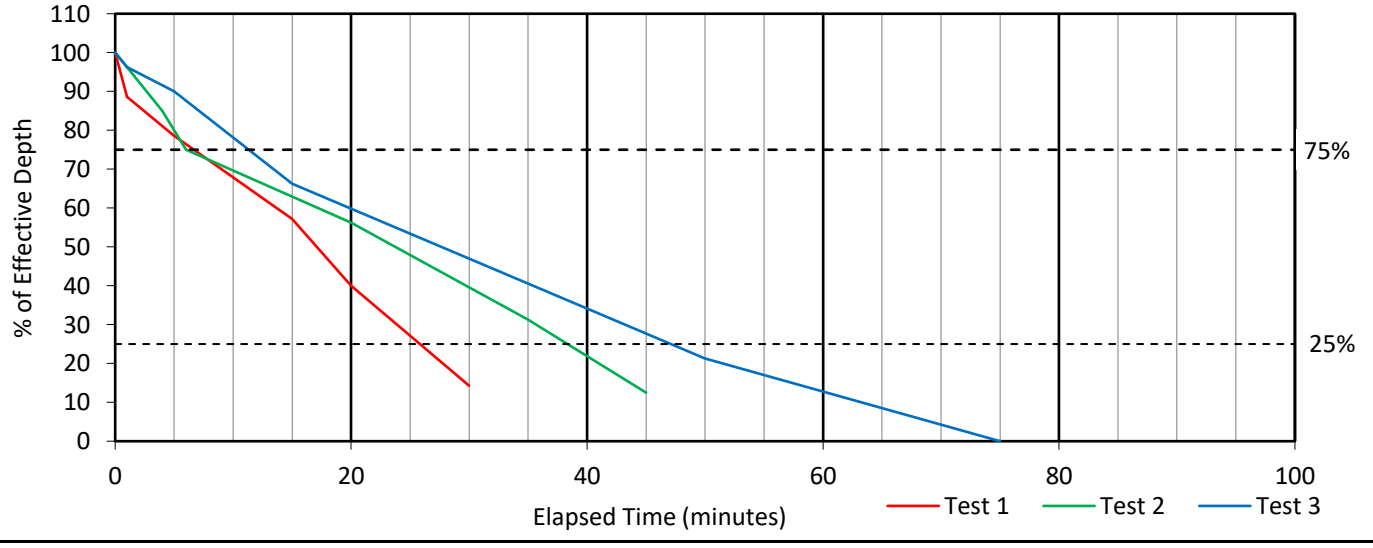
1.00m Brown to orange clayey sandy cobbly GRAVEL.

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
t_{p75} =	6
t_{p25} =	25

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
t_{p75} =	6
t_{p25} =	35

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
t_{p75} =	12
t_{p25} =	47

	Test 1		Test 2		Test 3	
% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	0.98m	1.33m	0.98m	1.33m	0.88m	1.23m
Start head	0.53m	0.18m	0.60m	0.20m	0.60m	0.20m
Time (mins)	6min	25min	6min	35min	12min	47min
V_{p75-25}	0.34m3		0.38m3		0.38m3	
a_{p50}	2.50m2		2.72m2		2.72m2	
Soil Infiltration rate	**1.18E-04m/s**		**7.72E-05m/s**		**6.40E-05m/s**	
	424mm/hr		**278mm/hr**		**230mm/hr**	



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

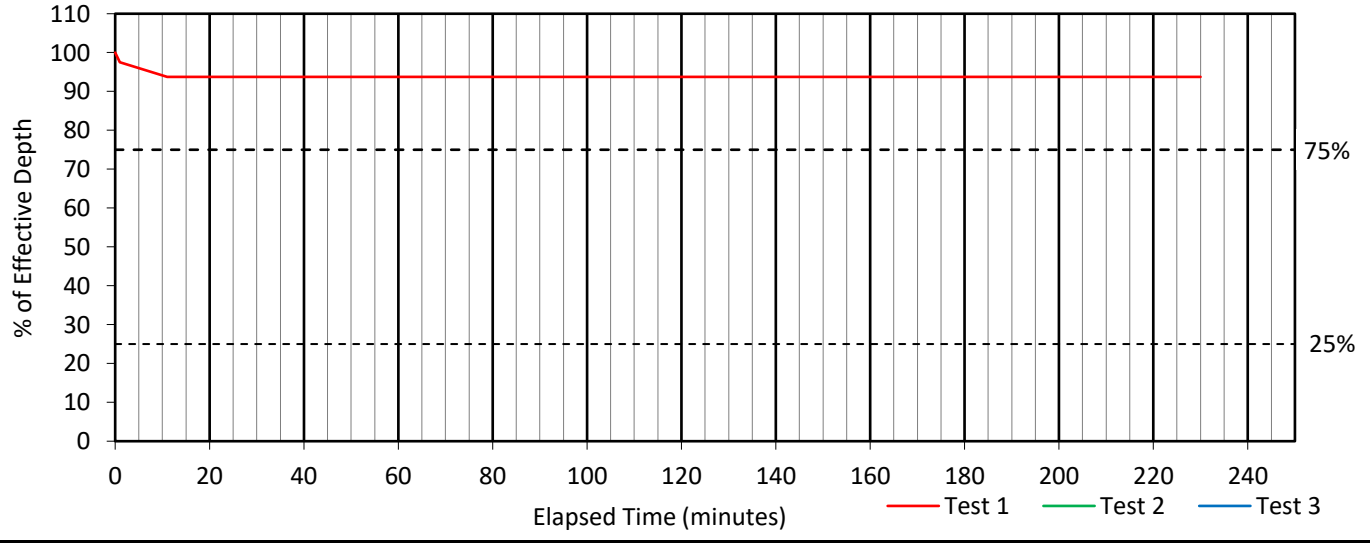
0.25m Brown to orange sandy CLAY.

0.85m Brown to orange clayey sandy cobbly GRAVEL.

Test 1		Test 2		Test 3	
Pit Depth	1.30m	Pit Depth		Pit Depth	
Start head	0.80m	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	0.50				
1	0.52				
11	0.55				
50	0.55				
160	0.55				
230	0.55				
t_{p75} =	-	t_{p75} =	-	t_{p75} =	-
t_{p25} =	-	t_{p25} =	-	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}	0.31m3		0.00m3		0.00m3	
a_{p50}	2.30m2		0.78m2		0.78m2	

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:

Pit Length 1.90m
Pit Width 0.60m

Strata:

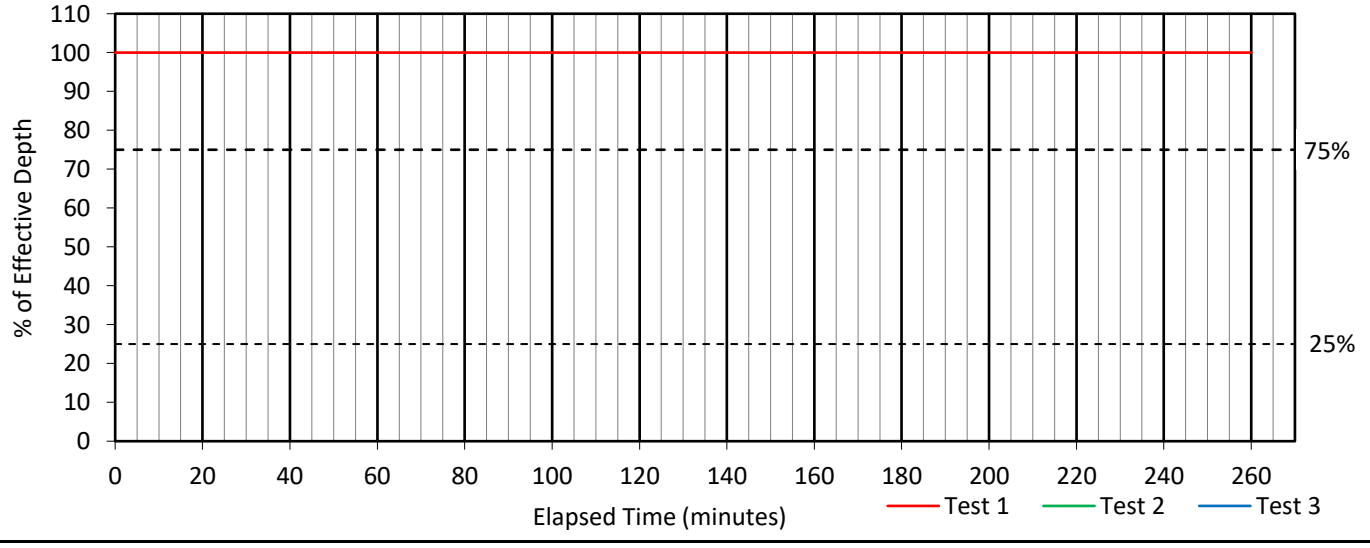
GL Reworked Topsoil

0.40m Brown/ornage to grey sandy CLAY.

0.50m Dark grey slightly sandy CLAY

Test 1		Test 2		Test 3	
Pit Depth	1.90m	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	0.90				
1	0.90				
5	0.90				
20	0.90				
50	0.90				
145	0.90				
260	0.90				
t_{p75} =	-	t_{p75} =	-	t_{p75} =	-
t_{p25} =	-	t_{p25} =	-	t_{p25} =	-

	Test 1		Test 2		Test 3	
% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	1.15m	1.65m	-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_{p75-25}	0.57m3		0.00m3		0.00m3	
a_{p50}	3.64m2		1.14m2		1.14m2	
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 : **TP11**
Date : **12/10/22**

Pit Details:

Pit Length 1.70m
Pit Width 0.60m

Strata:

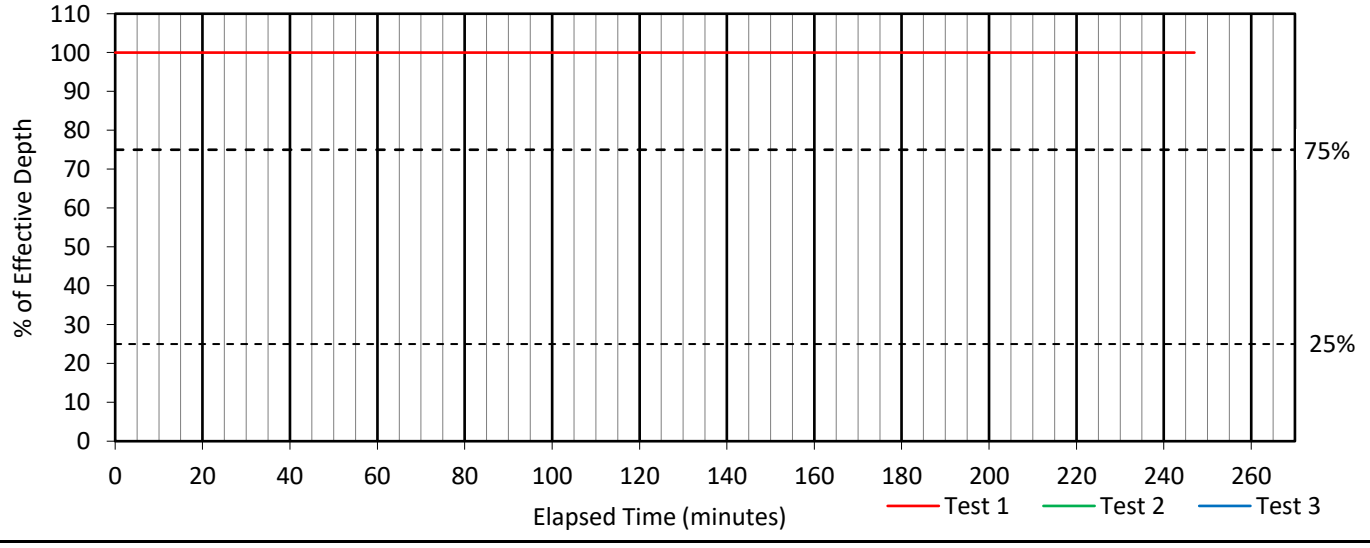
GL TOPSOIL

0.30m Brown sandy CLAY.

1.10m Blue/grey to brown sandy CLAY.

Test 1		Test 2		Test 3	
Pit Depth	1.70m	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	0.70				
1	0.70				
5	0.70				
25	0.70				
40	0.70				
85	0.70				
163	0.70				
247	0.70				
t_{p75} =	-	t_{p75} =	-	t_{p75} =	-
t_{p25} =	-	t_{p25} =	-	t_{p25} =	-

	Test 1		Test 2		Test 3	
% 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_{p75-25}	0.51m3		0.00m3		0.00m3	
a_{p50}	3.32m2		1.02m2		1.02m2	
Soil Infiltration rate	-	-	-	-	-	-



Remarks: Test failed after 247mins at 0.70m 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.

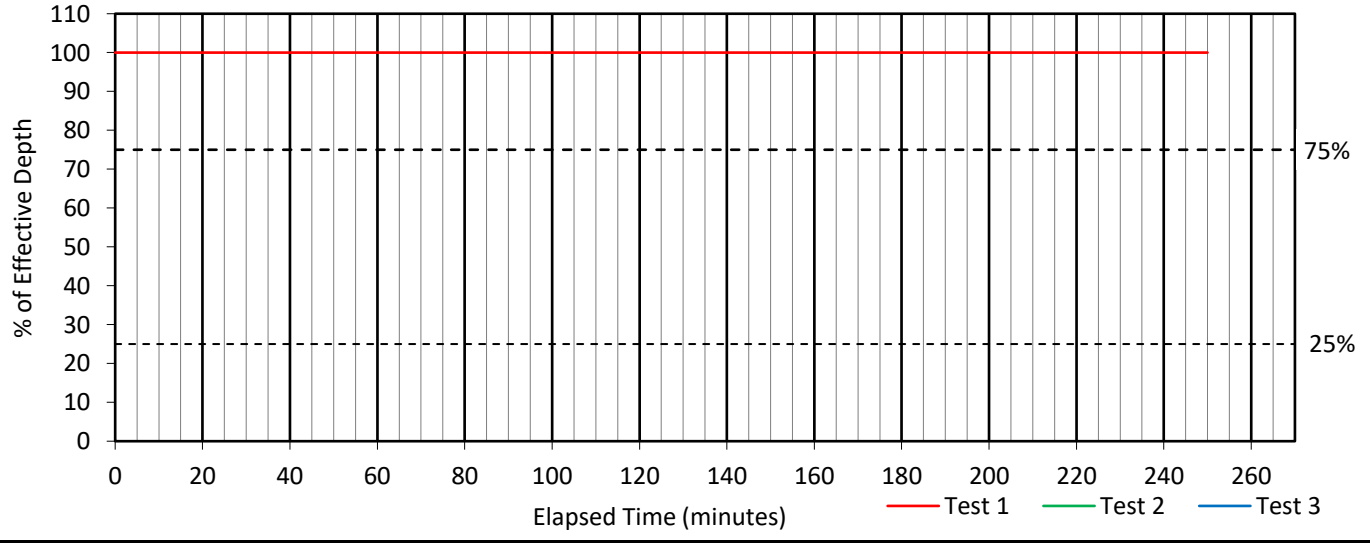
1.40m Brown to orange clayey SAND.

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_{p75} =	-	t_{p75} =	-	t_{p75} =	-
t_{p25} =	-	t_{p25} =	-	t_{p25} =	-

	Test 1		Test 2		Test 3	
% 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_{p75-25}	0.48m3		0.00m3		0.00m3	
a_{p50}	3.16m2		0.96m2		0.96m2	

Soil Infiltration rate

Test 1	Test 2	Test 3
-	-	-
-	-	-



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

IN SITU TESTING - Soakaway Test

clarkebond

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

Test Location : **TP17**
Date : **12/10/22**

Pit Details:

Pit Length 2.00m
Pit Width 0.60m

Strata:

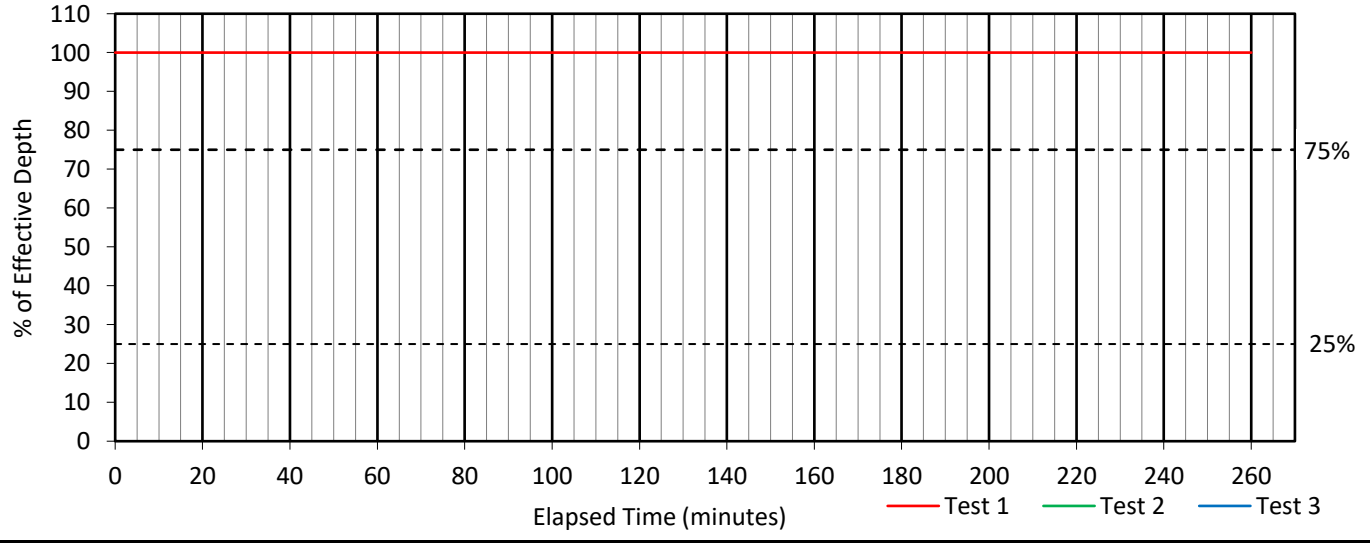
GL Topsoil

0.30m Brown to orange very sandy CLAY.

1.60m Grey to orange clayey SILT

Test 1		Test 2		Test 3	
Pit Depth	2.00m	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	1.00				
2	1.00				
10	1.00				
60	1.00				
120	1.00				
230	1.00				
260	1.00				
t_{p75} =	-	t_{p75} =	-	t_{p75} =	-
t_{p25} =	-	t_{p25} =	-	t_{p25} =	-

	Test 1		Test 2		Test 3	
% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	1.25m	1.75m	-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_{p75-25}	0.60m3		0.00m3		0.00m3	
a_{p50}	3.80m2		1.20m2		1.20m2	
Soil Infiltration rate	-		-		-	
	-		-		-	



Remarks: Test failed after 260mins at 1.0m depth.

IN SITU TESTING - Soakaway Test

clarkebond

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

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

Pit Details:

Pit Length 1.90m
Pit Width 0.60m

Strata:

GL Reworked Topsoil

0.70m Grey slightly sandy CLAY

Test 1	
Pit Depth	1.70m
Start head	1.00m
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
160	0.70
210	0.70
265	0.70
t_{p75} =	-
t_{p25} =	-

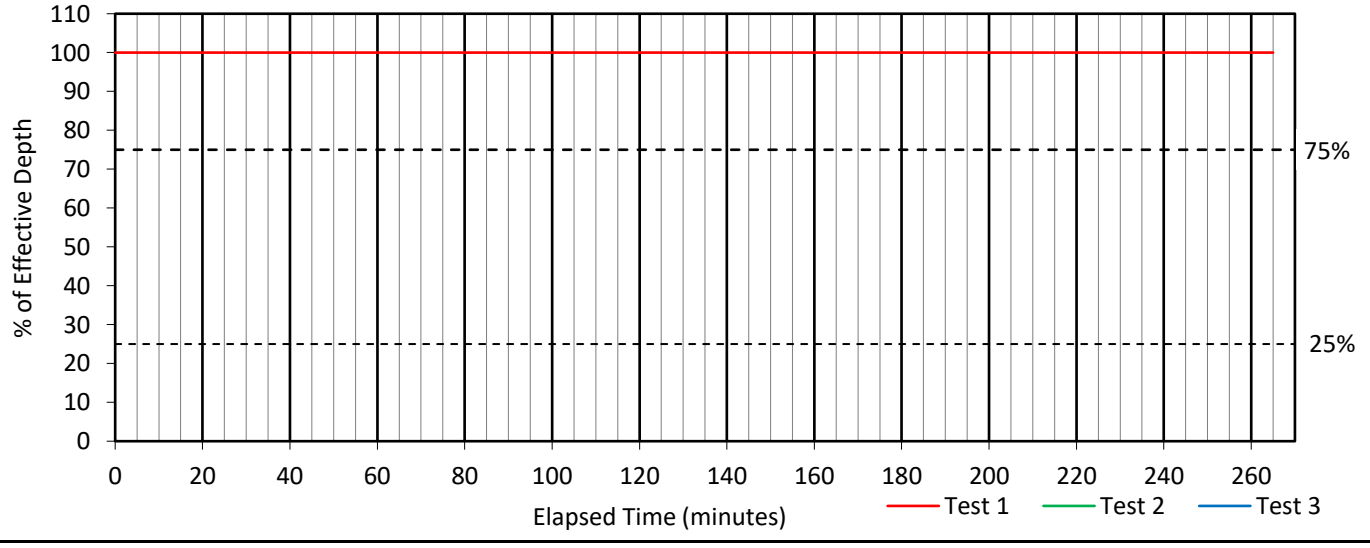
Test 2	
Pit Depth	
Start head	0.00m
Elapsed Time (minutes)	Depth to water (m)
t_{p75} =	-
t_{p25} =	-

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	0.95m	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_{p75-25}	0.57m3		0.00m3		0.00m3	
a_{p50}	3.64m2		1.14m2		1.14m2	

Soil Infiltration rate

-	-	-
-	-	-



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

IN SITU TESTING - Soakaway Test

clarkebond

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

Test Location : **TP24**
Date : **12/10/22**

Pit Details:

Pit Length 2.10m
Pit Width 0.60m

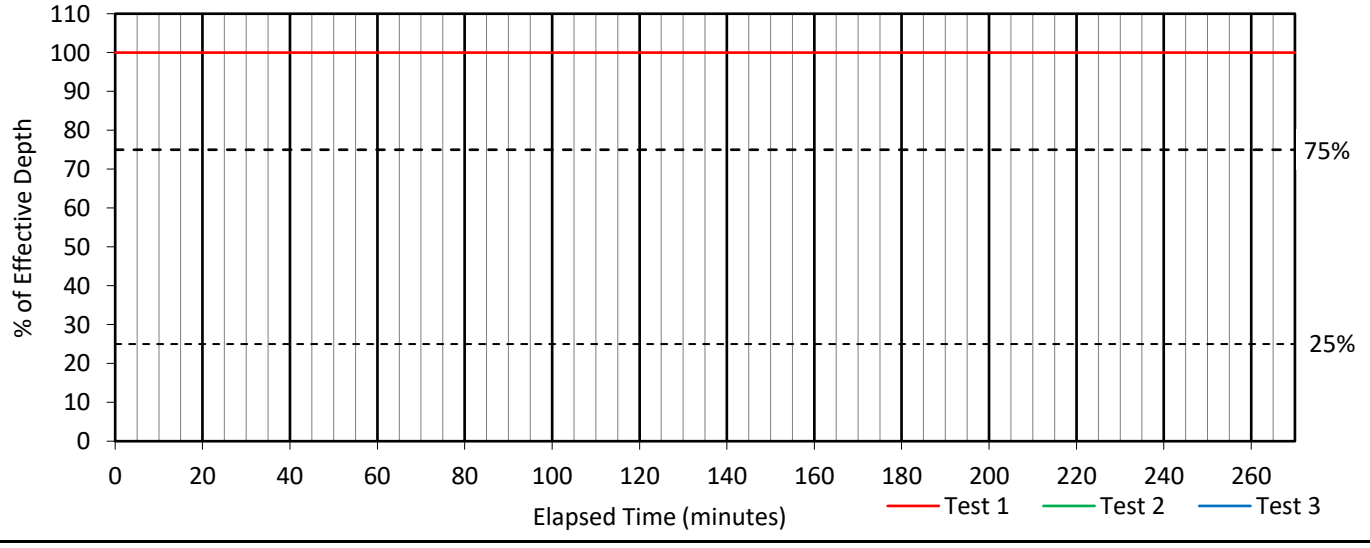
Strata:

GL Reworked Topsoil

0.60m Light brown/orange silty sandy gravelly CLAY.

Test 1		Test 2		Test 3	
Pit Depth	1.60m	Pit Depth		Pit Depth	
Start head	0.80m	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	0.80				
1	0.80				
5	0.80				
10	0.80				
30	0.80				
150	0.80				
240	0.80				
270	0.80				
t_{p75} =	-	t_{p75} =	-	t_{p75} =	-
t_{p25} =	-	t_{p25} =	-	t_{p25} =	-

	Test 1		Test 2		Test 3	
% of effective depth	75%	25%	75%	25%	75%	25%
Depth from GL	1.00m	1.40m	-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}	0.50m3		0.00m3		0.00m3	
a_{p50}	3.42m2		1.26m2		1.26m2	
Soil Infiltration rate	-	-	-	-	-	-



Remarks: Test failed after 270mins at 0.80m depth.

IN SITU TESTING - Soakaway Test

clarkebond

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

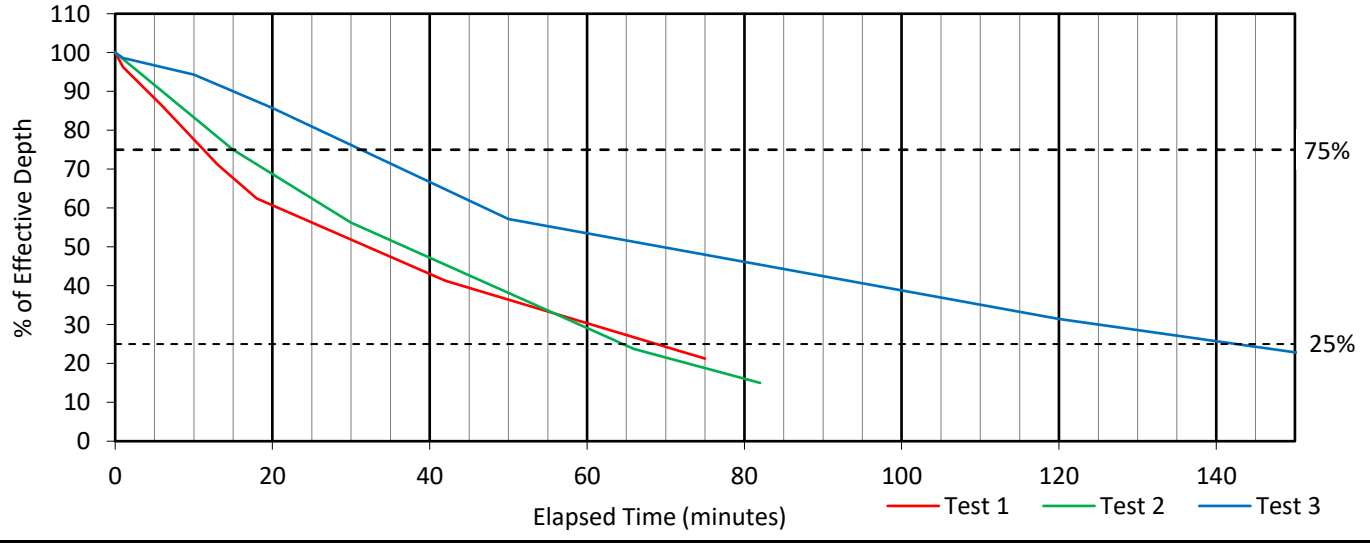
0.50m Light brown/orange silty sandy gravelly CLAY.

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
t_{p75} =	10
t_{p25} =	70

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
t_{p75} =	15
t_{p25} =	65

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
t_{p75} =	30
t_{p25} =	142

	Test 1		Test 2		Test 3	
% 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_{p75-25}	0.50m3		0.50m3		0.44m3	
a_{p50}	3.42m2		3.42m2		3.15m2	
Soil Infiltration rate	**4.09E-05m/s**		**4.91E-05m/s**		**2.19E-05m/s**	
	147mm/hr		**177mm/hr**		**79mm/hr**	



Remarks: None.

F Geotechnical Test Certificates

Laboratory Report

UKAS TESTING 2788

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES A PHENNA GROUP COMPANY

Contract Number: 62019

Client Ref: **P1057**
Client PO: **P1057**

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

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

Date Received: **19-10-2022**
Date Completed: **01-11-2022**
Report Date: **01-11-2022**

This report has been checked and approved by:

Shaun Thomas
Site Manager

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

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)

GEO Site & Testing Services Ltd
Units 3-4, Heol Aur, Dafen, Llanelli, Carmarthenshire, Wales SA14 8QN
Tel: 01554 784040 Fax: 01554 784041 info@gstl.co.uk gstl.co.uk

GSTL
GEOTECHNICAL SITE & TESTING LABORATORIES

Summary of Soil Descriptions

Contract Number	62019
Project Name	Ploughley Road
Client Reference	P1057

Sample/Hole Reference	Sample Number	Sample Type	Depth (m)			Descriptions
TP01		D	1.00	-		Brown fine to medium gravelly sandy silty CLAY
TP04		D	1.00	-		Brown fine to medium gravelly silty CLAY
TP06		B	1.00	-		Brown sandy silty clayey fine to coarse GRAVEL
TP08		B	1.50	-		Brown fine gravelly silty clayey SAND
TP10		D	1.50	-		Brown fine to medium gravelly silty CLAY
TP13		D	2.00	-		Brown silty CLAY
TP16		D	0.50	-		Brown silty CLAY
TP17		B	2.00	-		Brown fine gravelly silty clayey SAND
TP19		D	1.00	-		Brown silty CLAY
TP22		D	2.00	-		Brown silty CLAY
TP26		B	1.00	-		Brown sandy silty clayey fine to coarse GRAVEL
TP27		D	1.00	-		Brown chalky CLAY
TP30		D	0.80	-		Brown sandy silty CLAY
TP35		B	1.00	-		Brown sandy fine to coarse gravelly silty CLAY
TP35		D	1.50	-		Brown chalky CLAY
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GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	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
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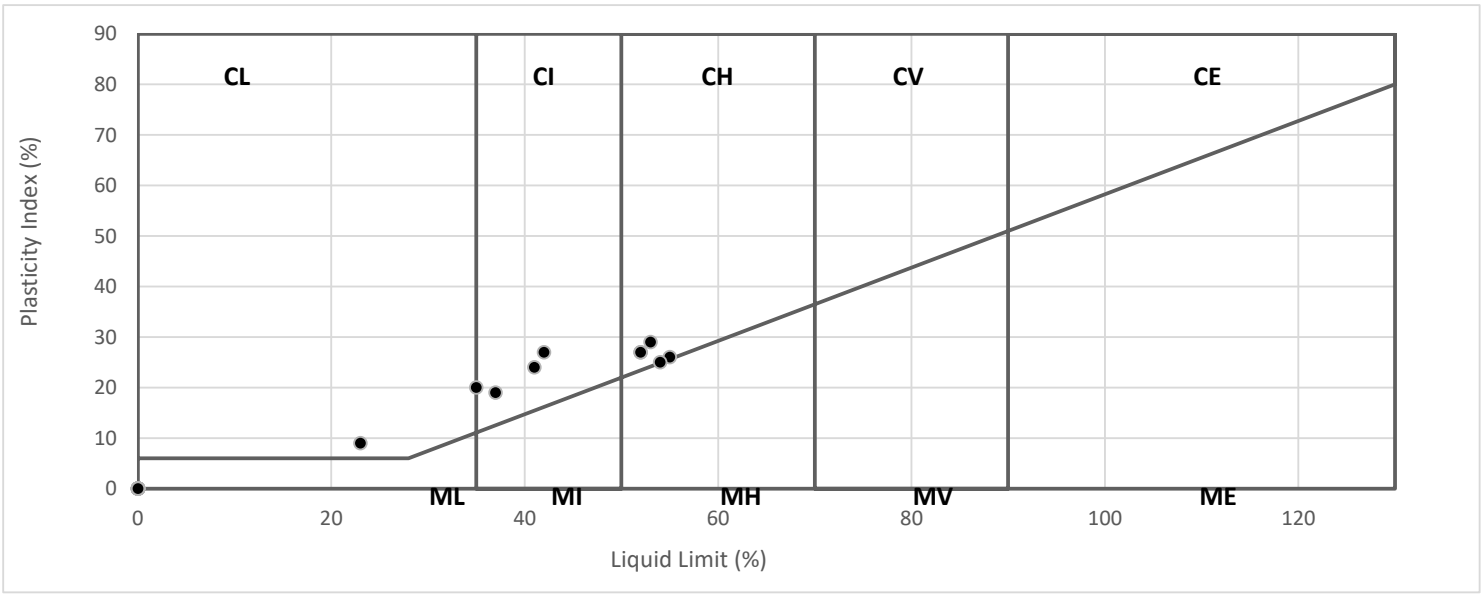
Symbols: NP : Non Plastic # : Liquid Limit and Plastic Limit Wet Sieved

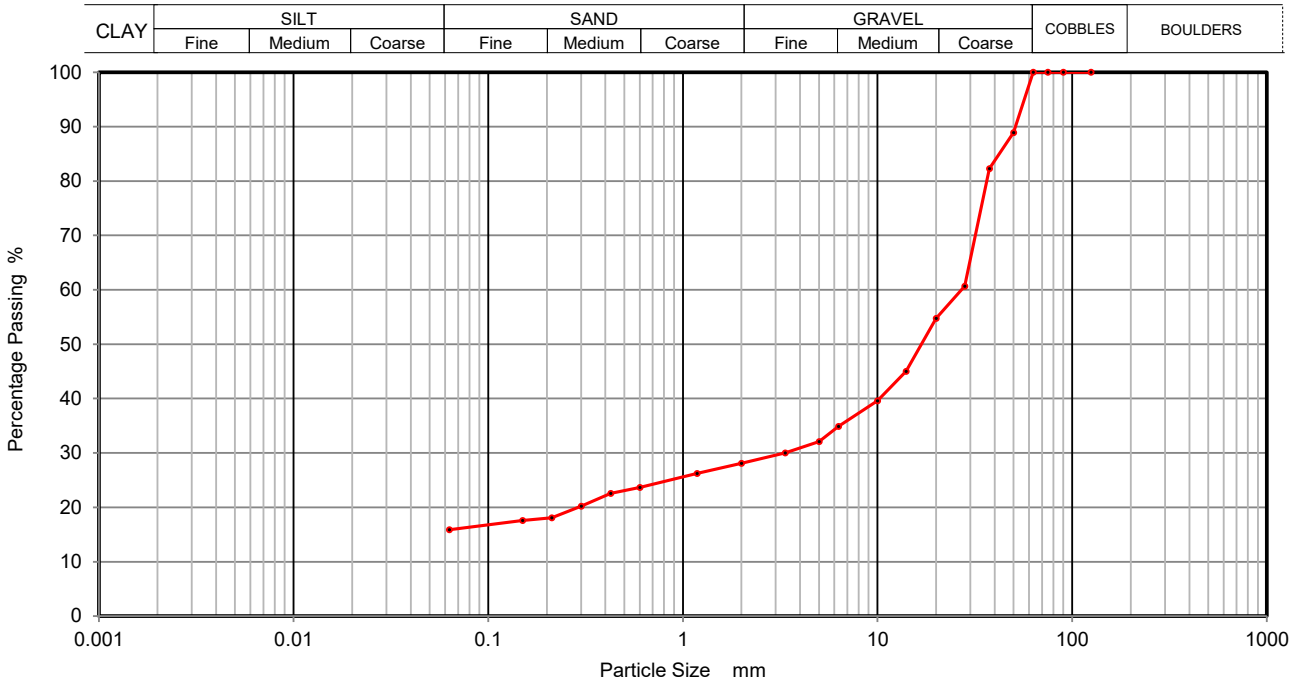
PLASTICITY CHART FOR CASAGRANDE CLASSIFICATION
BS 5930:1999+A2:2010



Operator
Darcy Etheridge

UKAS TESTING
2788

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**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

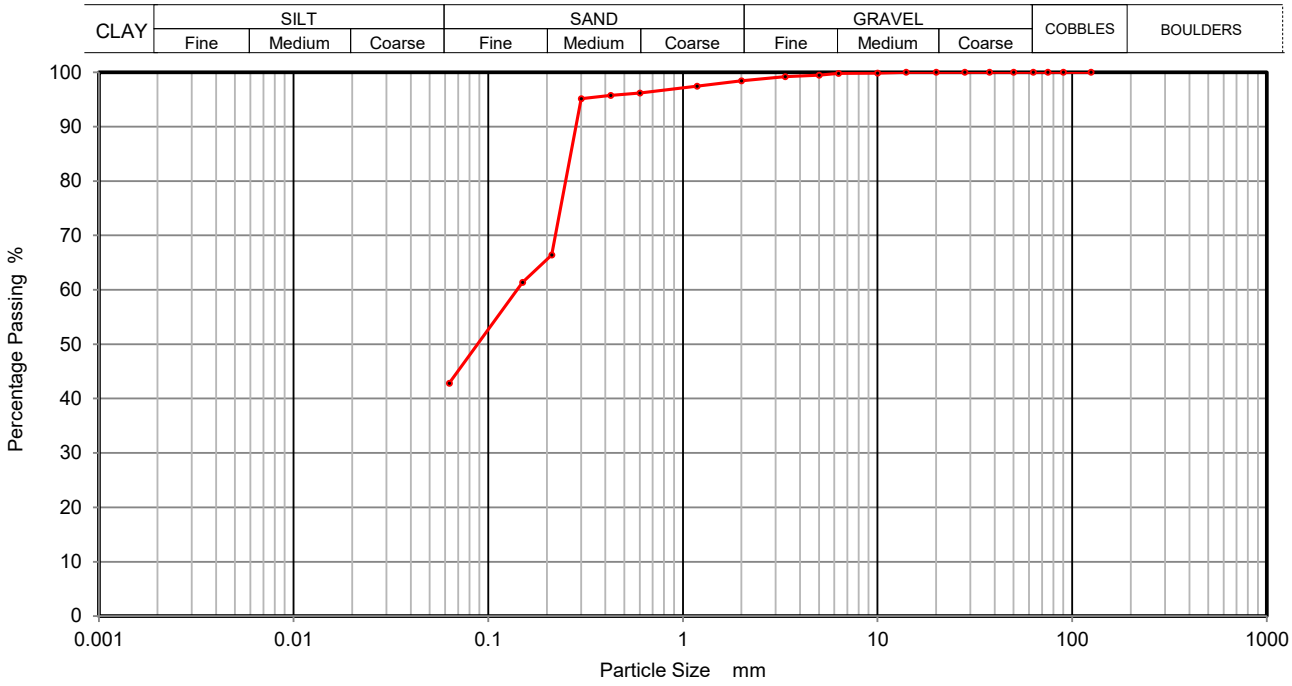
Remarks

Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards

UKAS TESTING
2788

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**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

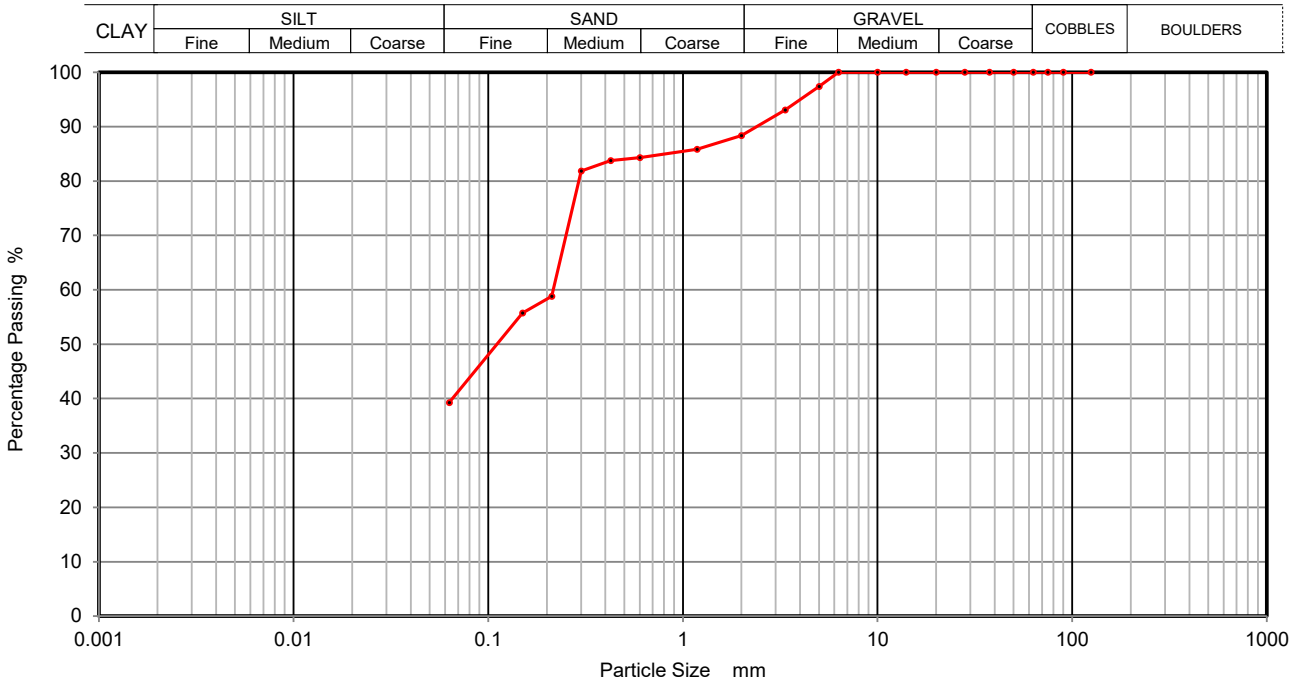
Remarks

Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards

UKAS TESTING
2788

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**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

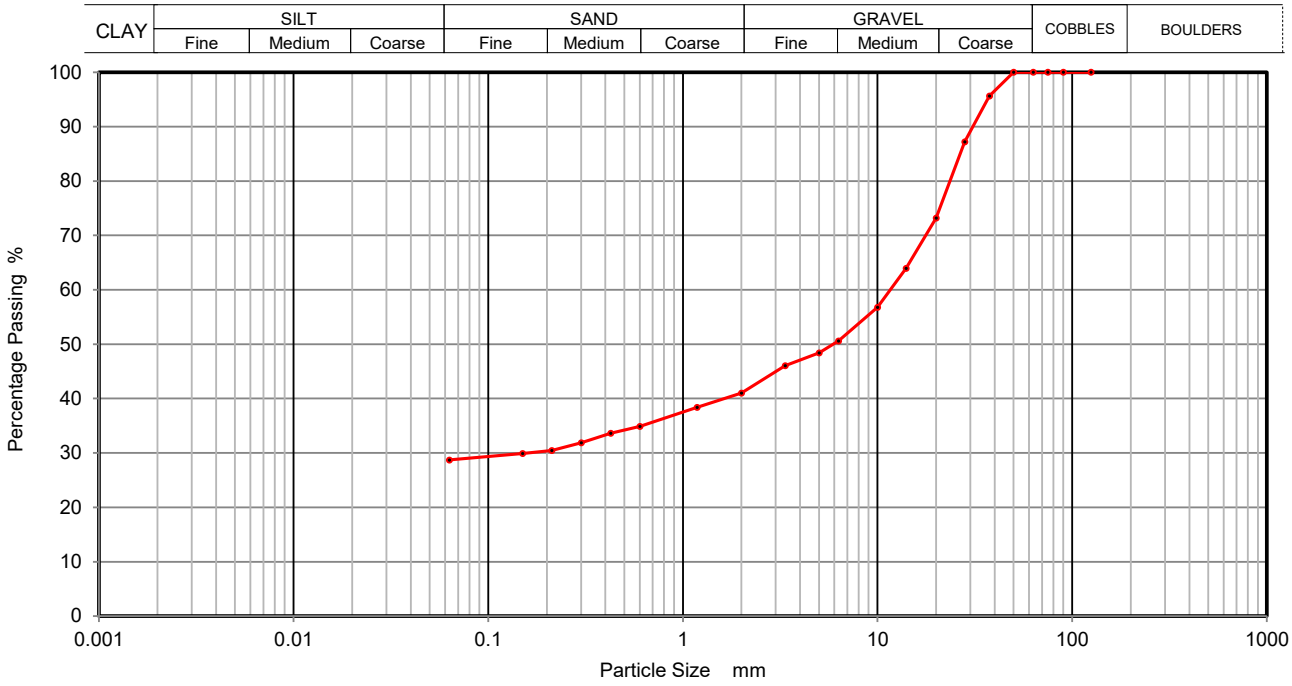
Remarks

Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards

UKAS TESTING
2788

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**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

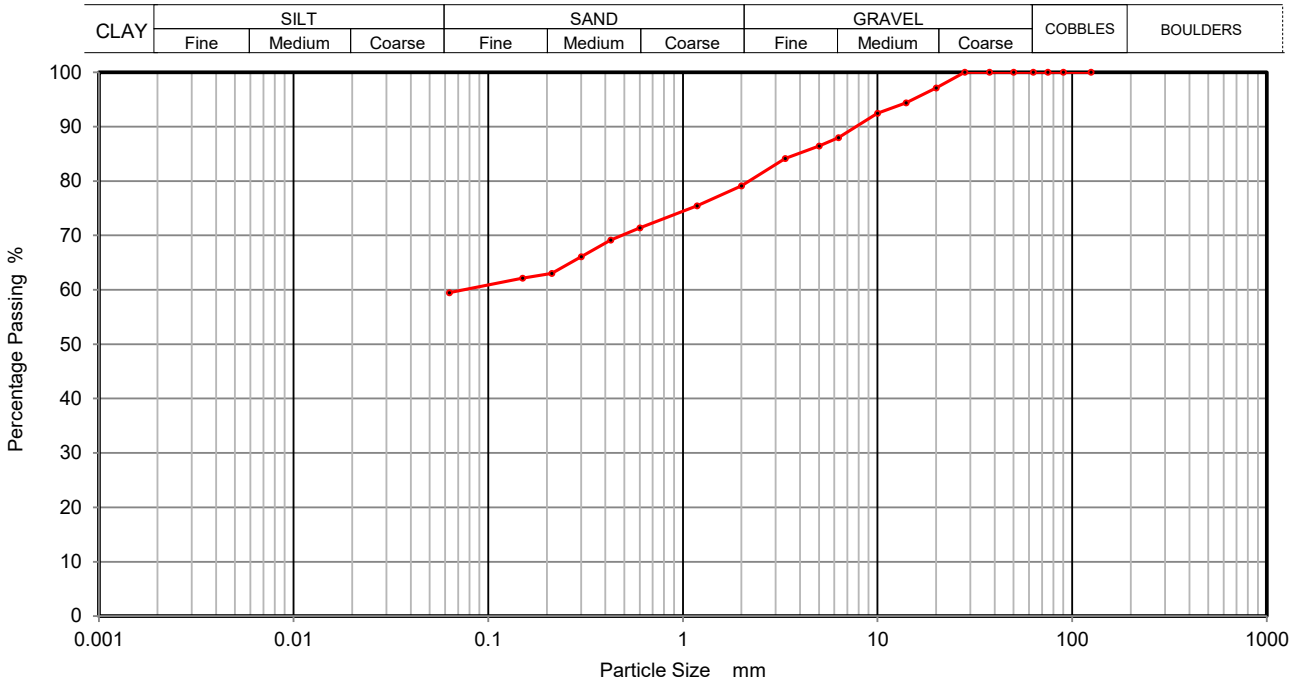
Remarks

Preparation and testing in accordance with BS1377 unless noted below

Operator
David Edwards

UKAS TESTING
2788

GSTL GEOTECHNICAL SITE & TESTING LABORATORIES	**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

UKAS TESTING
2788

UKAS TESTING
2531

CHEMTECH environmental part of Cawood

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 [U]	units	8.2	8.2	8.1	7.3	7.8	7.6
Sulphate (2:1 water soluble)	CE061 [U]	mg/l SO_4	<10	55	17	1699	1599	1031
Sulphate (acid extractable)	CE062 [U]	mg/kg SO_4	604	631	739	79456	5285	7147
Sulphate (acid extractable)	CE062 [U]	% w/w SO_4	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 [U]	units	7.8	8.3	7.9	8.2	8.4
Sulphate (2:1 water soluble)	CE061 [U]	mg/l SO_4	374	129	<10	104	74
Sulphate (acid extractable)	CE062 [U]	mg/kg SO_4	1782	897	2284	1076	778
Sulphate (acid extractable)	CE062 [U]	% w/w SO_4	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

Chemtech Environmental Limited

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_4
CE062	Sulphate (acid extractable)	HCl extract, analysed by ICP-OES	Dry	U	100	mg/kg SO_4
CE062	Sulphate (acid extractable)	HCl extract, analysed by ICP-OES	Dry	U	0.01	% w/w SO_4
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

Josh Young
Clarkebond
129 Cumberland Road
Bristol
BS1 6UY

e: joshyoung@clarkebond.com

i2 Analytical Ltd.
7 Woodshots Meadow,
Croxley Green
Business Park,
Watford,
Herts,
WD18 8YS

t: 01923 225404
f: 01923 237404
e: reception@i2analytical.com

Analytical Report Number : 22-90425

Project / Site name:	Ploughley road, Ambrosden	**Samples received on:**	11/10/2022
Your job number:	B05927	**Samples instructed on/ Analysis started on:**	17/10/2022
Your order number:	P10547	**Analysis completed by:**	25/10/2022
Report Issue Number:	1	**Report issued on:**	27/10/2022
Samples Analysed:	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 SO4 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
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

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**					
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	-	-	-	-
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
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
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								
pH - Automated	pH Units	N/A	MCERTS	8.1	8.2	7.1	8.3	8.1
Water Soluble SO4 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								
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
Heavy Metals / Metalloids								
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								
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

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**					
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	-	< 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	-	-

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**					
Dimethoate	µg/kg	10	NONE	< 10	-	< 10	-	-
Dimethylvinphos	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 SO4 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
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

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**			
Petroleum Hydrocarbons						
TPH-CWG - Aliphatic >EC5 - EC6 $_{HS\_1D\_AL}$	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC6 - EC8 $_{HS\_1D\_AL}$	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC8 - EC10 $_{HS\_1D\_AL}$	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aliphatic >EC10 - EC12 $_{EH\_CU\_1D\_AL}$	mg/kg	1	NONE	< 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
TPH-CWG - Aliphatic >EC16 - EC21 $_{EH\_CU\_1D\_AL}$	mg/kg	8	NONE	< 8.0	< 8.0	< 8.0
TPH-CWG - Aliphatic >EC21 - EC35 $_{EH\_CU\_1D\_AL}$	mg/kg	8	NONE	< 8.0	< 8.0	36
TPH-CWG - Aliphatic > EC35 - EC44 $_{EH\_CU\_1D\_AL}$	mg/kg	8.4	NONE	< 8.4	< 8.4	26
TPH-CWG - Aliphatic (EC5 - EC35) $_{EH\_CU+HS\_1D\_AL}$	mg/kg	10	NONE	< 10	< 10	36
TPH-CWG - Aromatic >EC5 - EC7 $_{HS\_1D\_AR}$	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC7 - EC8 $_{HS\_1D\_AR}$	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC8 - EC10 $_{HS\_1D\_AR}$	mg/kg	0.001	NONE	< 0.001	< 0.001	< 0.001
TPH-CWG - Aromatic >EC10 - EC12 $_{EH\_CU\_1D\_AR}$	mg/kg	1	NONE	< 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
TPH-CWG - Aromatic >EC16 - EC21 $_{EH\_CU\_1D\_AR}$	mg/kg	10	NONE	< 10	< 10	< 10
TPH-CWG - Aromatic >EC21 - EC35 $_{EH\_CU\_1D\_AR}$	mg/kg	10	NONE	< 10	< 10	< 10
TPH-CWG - Aromatic > EC35 - EC44 $_{EH\_CU\_1D\_AR}$	mg/kg	8.4	NONE	< 8.4	< 8.4	< 8.4
TPH-CWG - Aromatic (EC5 - EC35) $_{EH\_CU+HS\_1D\_AR}$	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	Detemination 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

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

clarkebond

HazWasteOnline™

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:

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

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

TQ8PK-RCIO4-1U2FA

Job name

Ploughley Road, Ambrosden[1]

Description/Comments

Potential residential development site

Project

B05927

Site

Ploughley Road, Ambrosden

Classified by

Name:
Mark Briggs
Date:
18 Nov 2022 16:16 GMT
Telephone:
07527389000

Company:
Clarkebond (UK) Ltd
129 Cumberland Road
Bristol
BS1 6UY

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	Date
Hazardous Waste Classification	07 Nov 2019
Most recent 3 year Refresher	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

Classification of sample: TP03---0.10

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

Sample details

Sample name:
TP03---0.10
Moisture content:
8.1%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	24.268 mg/kg	0.00243 %	✓	
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		35 mg/kg	1.462	51.154 mg/kg	0.00512 %		
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		16 mg/kg	1.126	16.555 mg/kg	0.00166 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	90 mg/kg		82.71 mg/kg	0.00827 %	✓	
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	64.458 mg/kg	0.00645 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		69 mg/kg	4.398	278.877 mg/kg	0.0279 %	✓	
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					☑					
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				6.7	pH		6.7	pH	6.7 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									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-045-00-7	200-024-3	50-29-3									
36		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		602-047-00-8	200-349-0	57-74-9									
37		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		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									
38		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		602-049-00-9	200-484-5	60-57-1									
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				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<**LOD**
		602-051-00-X	200-775-7	72-20-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
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				<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	333-41-5									
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				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-033-00-6	206-052-2	298-02-2									
81		phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-067-00-1	218-996-2	2310-17-0									
82		pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-099-00-6	245-704-0	23505-41-1									
83		pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-134-00-5	249-528-5	29232-93-7									
84	●	p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-783-0	72-54-8									
85	●	p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-784-6	72-55-9									
86	●	p,p'-methoxychlor				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
			200-779-9	72-43-5									
87		propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		616-055-00-4	245-951-4	23950-58-5									
88		trans-isopropyl-3-[[(ethylamino)methoxyfosfinothioyl]oxy]crotonate; isopropyl 3-[[(ethylamino)methoxyphosphinothioyl]oxy]isocrotonate; propetamphos (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-136-00-6	250-517-2	31218-83-4									
89		phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-022-00-6	236-116-5	13171-21-6									
90		tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-044-00-0	204-178-2	117-18-0									
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)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-046-00-1	216-428-8	1582-09-8									
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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		602-052-00-5	204-079-4	115-29-7									
93		permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		613-058-00-2	258-067-9	52645-53-1									
										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 Deteminand - 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:
TP04---0.40
Moisture content:
7.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
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] 231-793-3 [2]	7446-19-7 [1] 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					☑					
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 Deteminand - 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:
TP06---0.30
Moisture content:
7.3%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		31 mg/kg	1.32	37.942 mg/kg	0.00379 %	✓	
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		30 mg/kg	1.462	43.847 mg/kg	0.00438 %		
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	15.655 mg/kg	0.00157 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	16 mg/kg		14.832 mg/kg	0.00148 %	✓	
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		28 mg/kg	2.806	72.821 mg/kg	0.00728 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		63 mg/kg	4.398	256.843 mg/kg	0.0257 %	✓	
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					☑					
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				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 Deteminand - 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:
TP09---0.50
Moisture content:
8.4%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		12 mg/kg	1.32	14.513 mg/kg	0.00145 %	✓	
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		31 mg/kg	1.462	45.308 mg/kg	0.00453 %		
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		14 mg/kg	1.126	14.438 mg/kg	0.00144 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	19 mg/kg		17.404 mg/kg	0.00174 %	✓	
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		22 mg/kg	2.806	56.538 mg/kg	0.00565 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		79 mg/kg	4.398	318.252 mg/kg	0.0318 %	✓	
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					☑					
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				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 Deteminand - 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:
TP14---0.60
Moisture content:
7.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		20 mg/kg	1.32	24.347 mg/kg	0.00243 %	✓	
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		26 mg/kg	1.462	38 mg/kg	0.0038 %		
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		12 mg/kg	1.126	12.457 mg/kg	0.00125 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	13 mg/kg		11.986 mg/kg	0.0012 %	✓	
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	67.255 mg/kg	0.00673 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		63 mg/kg	4.398	255.458 mg/kg	0.0255 %	✓	
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					☑					
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				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 Deteminand - 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:
TP15---0.50
Moisture content:
9.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
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] 231-793-3 [2]	7446-19-7 [1] 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					☑					
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				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									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
37		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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									
38		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
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				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		602-051-00-X	200-775-7	72-20-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
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	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
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-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				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-033-00-6	206-052-2	298-02-2									
81		phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-067-00-1	218-996-2	2310-17-0									
82		pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-099-00-6	245-704-0	23505-41-1									
83		pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-134-00-5	249-528-5	29232-93-7									
84	●	p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
85	●	p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
86	●	p,p'-methoxychlor				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
			200-779-9	72-43-5									
87		propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		616-055-00-4	245-951-4	23950-58-5									
88		trans-isopropyl-3-[[(ethylamino)methoxyfosfinothioyl]oxy]crotonate; isopropyl 3-[[(ethylamino)methoxyphosphinothioyl]oxy]isocrotonate; propetamphos (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-136-00-6	250-517-2	31218-83-4									
89		phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-022-00-6	236-116-5	13171-21-6									
90		tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-044-00-0	204-178-2	117-18-0									
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)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-046-00-1	216-428-8	1582-09-8									
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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
93		permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		613-058-00-2	258-067-9	52645-53-1									
										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 Deteminand - 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:
TP18---0.20
Moisture content:
11%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
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] 231-793-3 [2]	7446-19-7 [1] 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					☑					
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				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:	0.0525 %		

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 Deteminand - 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:
TP20---0.20
Moisture content:
9.2%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
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] 231-793-3 [2]	7446-19-7 [1] 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					☑					
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				7.1	pH		7.1	pH	7.1 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									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
37		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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									
38		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
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				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		602-051-00-X	200-775-7	72-20-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
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				<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	333-41-5									
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				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-033-00-6	206-052-2	298-02-2									
81		phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-067-00-1	218-996-2	2310-17-0									
82		pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-099-00-6	245-704-0	23505-41-1									
83		pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-134-00-5	249-528-5	29232-93-7									
84		p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-783-0	72-54-8									
85		p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
			200-784-6	72-55-9									
86		p,p'-methoxychlor				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
			200-779-9	72-43-5									
87		propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		616-055-00-4	245-951-4	23950-58-5									
88		trans-isopropyl-3-[[(ethylamino)methoxyfosfinothioyl]oxy]crotonate; isopropyl 3-[[(ethylamino)methoxyphosphinothioyl]oxy]isocrotonate; propetamphos (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-136-00-6	250-517-2	31218-83-4									
89		phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		015-022-00-6	236-116-5	13171-21-6									
90		tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-044-00-0	204-178-2	117-18-0									
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)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<**LOD**
		609-046-00-1	216-428-8	1582-09-8									
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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<**LOD**
		602-052-00-5	204-079-4	115-29-7									
93		permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<**LOD**
		613-058-00-2	258-067-9	52645-53-1									
										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 Deteminand - 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:
TP21---0.50
Moisture content:
6.6%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		17 mg/kg	1.32	20.964 mg/kg	0.0021 %	✓	
2	cadmium { cadmium oxide }	048-002-00-0	215-146-2	1306-19-0		0.7 mg/kg	1.142	0.747 mg/kg	0.0000747 %	✓	
3	chromium in chromium(III) compounds { chromium(III) oxide (worst case) }		215-160-9	1308-38-9		38 mg/kg	1.462	55.539 mg/kg	0.00555 %		
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	18.928 mg/kg	0.00189 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	20 mg/kg		18.68 mg/kg	0.00187 %	✓	
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		33 mg/kg	2.806	86.473 mg/kg	0.00865 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		87 mg/kg	4.398	357.367 mg/kg	0.0357 %	✓	
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					☑					
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				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 Deteminand - 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:
TP26---0.40
Moisture content:
6.8%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		16 mg/kg	1.32	19.689 mg/kg	0.00197 %	✓	
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		28 mg/kg	1.462	40.924 mg/kg	0.00409 %		
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		19 mg/kg	1.126	19.937 mg/kg	0.00199 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	21 mg/kg		19.572 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		21 mg/kg	2.806	54.911 mg/kg	0.00549 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		78 mg/kg	4.398	319.712 mg/kg	0.032 %	✓	
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					☑					
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				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 Deteminand - 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:
TP28---0.30
Moisture content:
10%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		18 mg/kg	1.32	21.389 mg/kg	0.00214 %	✓	
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		25 mg/kg	1.462	36.539 mg/kg	0.00365 %		
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		13 mg/kg	1.126	13.173 mg/kg	0.00132 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	20 mg/kg		18 mg/kg	0.0018 %	✓	
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		20 mg/kg	2.806	50.5 mg/kg	0.00505 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		55 mg/kg	4.398	217.697 mg/kg	0.0218 %	✓	
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					☑					
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**
										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 Deteminand - 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:
TP30---0.20
Moisture content:
8.5%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		30 mg/kg	1.32	36.243 mg/kg	0.00362 %	✓	
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		40 mg/kg	1.462	58.462 mg/kg	0.00585 %		
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		24 mg/kg	1.126	24.725 mg/kg	0.00247 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	31 mg/kg		28.365 mg/kg	0.00284 %	✓	
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		38 mg/kg	2.806	97.549 mg/kg	0.00975 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		100 mg/kg	4.398	402.41 mg/kg	0.0402 %	✓	
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					☑					
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				8	pH		8	pH	8pH		
				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									
35		DDT (ISO); clofenotane (INN); dicophane; 1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane; dichlorodiphenyltrichloroethane				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-045-00-7	200-024-3	50-29-3									
36		chlordane (ISO); 1,2,4,5,6,7,8,8-octachloro-3a,4,7,7a-tetrahydro-4,7-methanoindan				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		602-047-00-8	200-349-0	57-74-9									
37		hexachlorocyclohexanes, including lindane				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		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									
38		dieldrin (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		602-049-00-9	200-484-5	60-57-1									
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				<0.04	mg/kg		<0.04	mg/kg	<0.000004 %		<LOD
		602-051-00-X	200-775-7	72-20-8									

#		Determinand			CLP Note	User entered data		Conv. Factor	Compound conc.		Classification value	MC Applied	Conc. Not Used
		EU CLP index number	EC Number	CAS Number									
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				<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	333-41-5									
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				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-033-00-6	206-052-2	298-02-2									
81		phosalone (ISO); S-(6-chloro-2-oxobenzoxazolin-3-ylmethyl) O,O-diethyl phosphorodithioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-067-00-1	218-996-2	2310-17-0									
82		pirimiphos-ethyl (ISO); O,O-diethyl O-2-diethylamino-6-methylpyrimidin-4-yl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-099-00-6	245-704-0	23505-41-1									
83		pirimiphos-methyl (ISO); O-[2-(diethylamino)-6-methylpyrimidin-4-yl] O,O-dimethyl phosphorothioate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-134-00-5	249-528-5	29232-93-7									
84	●	p,p'-DDD				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-783-0	72-54-8									
85	●	p,p'-DDE				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
			200-784-6	72-55-9									
86	●	p,p'-methoxychlor				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
			200-779-9	72-43-5									
87		propyzamide (ISO); 3,5-dichloro-N-(1,1-dimethylprop-2-ynyl)benzamide				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		616-055-00-4	245-951-4	23950-58-5									
88		trans-isopropyl-3-[[(ethylamino)methoxyfosfinothioyl]oxy]crotonate; isopropyl 3-[[(ethylamino)methoxyphosphinothioyl]oxy]isocrotonate; propetamphos (ISO)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-136-00-6	250-517-2	31218-83-4									
89		phosphamidon (ISO); 2-chloro-2-diethylcarbamoyl-1-methylvinyl dimethyl phosphate				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		015-022-00-6	236-116-5	13171-21-6									
90		tecnazene (ISO); 1,2,4,5-tetrachloro-3-nitrobenzene				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-044-00-0	204-178-2	117-18-0									
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)				<0.01	mg/kg		<0.01	mg/kg	<0.000001 %		<LOD
		609-046-00-1	216-428-8	1582-09-8									
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				<0.03	mg/kg		<0.03	mg/kg	<0.000003 %		<LOD
		602-052-00-5	204-079-4	115-29-7									
93		permethrin (ISO); m-phenoxybenzyl 3-(2,2-dichlorovinyl)-2,2-dimethylcyclopropanecarboxylate				<0.02	mg/kg		<0.02	mg/kg	<0.000002 %		<LOD
		613-058-00-2	258-067-9	52645-53-1									
										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 Deteminand - 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:
TP35---0.10
Moisture content:
6.9%
(wet weight correction)

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

Hazard properties

None identified

Determinands

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

#	Determinand	EU CLP index number	EC Number	CAS Number	CLP Note	User entered data	Conv. Factor	Compound conc.	Classification value	MC Applied	Conc. Not Used
1	arsenic { arsenic trioxide }	033-003-00-0	215-481-4	1327-53-3		9.5 mg/kg	1.32	11.678 mg/kg	0.00117 %	✓	
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		22 mg/kg	1.462	32.154 mg/kg	0.00322 %		
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		8.9 mg/kg	1.126	9.329 mg/kg	0.000933 %	✓	
6	lead { lead compounds with the exception of those specified elsewhere in this Annex (worst case) }	082-001-00-6			1	11 mg/kg		10.241 mg/kg	0.00102 %	✓	
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		14 mg/kg	2.806	36.568 mg/kg	0.00366 %	✓	
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] 231-793-3 [2]	7446-19-7 [1] 7733-02-0 [2]		30 mg/kg	4.398	122.834 mg/kg	0.0123 %	✓	
11	TPH (C6 to C40) petroleum group			TPH		62 mg/kg		57.722 mg/kg	0.00577 %	✓	
12	confirm TPH has NOT arisen from diesel or petrol					☑					
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				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:	0.0289 %		

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 Deteminand - 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 (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

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

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

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

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

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

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

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

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

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

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

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

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

1,2,3-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

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

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)

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; Methoxcide; 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. Worse 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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